THE STATE OF HIV PREVENTION IN BARIINGO 2022

HIV incidence and prevalence among adults aged 15+

- **HIV incidence**: 0.6/1000 population
- **HIV prevalence**: 1.6%

HIV Testing

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

Key Population Size Estimates

- **Female Sex Worker**: 1,970
- **Men who have sex with men**: 568
- **People who inject drugs**: 339

Epidemic Typology

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

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

**Sexual Debut and Condom Use**

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

**Teenage Pregnancies**

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

**Education**

- 73,472 girls enrolled in public primary school
- 22,164 girls enrolled in public secondary school

**Experience of Violence**

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

**Circumcision**

- 89% adult men (15-64 years) circumcised

**Programme Coverage**

- **Prevention of Mother to Child Transmission**
- **Adolescent Girls and Young Women**
- **Key Population**
- **Voluntary Medical Male Circumcision**
- **Pre-Exposure Prophylaxis**
- **Antiretroviral Therapy**

**Prevention of Mother to Child Transmission**

- 398 people initiated on oral PrEP

**Voluntary Medical Male Circumcision**

- This is not a priority county for voluntary medical male circumcision

**Prevention of Mother to Child Transmission**

- 100% of pregnant women received an HIV test

**Adolescent Girls and Young Women**

- 100% of girls aged 15-19 years received an HIV test

**KEY POPULATION**

- 100% of key population received an HIV test

**Voluntary Medical Male Circumcision**

- 100% of people who inject drugs initiated on oral PrEP

**Pre-Exposure Prophylaxis**

- 100% of people initiating PrEP were initiated on oral PrEP

**Antiretroviral Therapy**

- 100% of people living with HIV on oral PrEP were initiated on oral PrEP

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**References**

6. Ministry of Education, 2019
HIV incidence and prevalence among adults aged 15+

- HIV incidence: 0.7/1000 population
- HIV prevalence: 2.4%

Incidence - prevalence ratio (IPR) 0.03
20% reduction in IPR will avert 431 new infections

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

Key Population Size Estimates
- Female Sex Worker: 2,603
- Men who have sex with men: 409
- People who inject drugs: 582

Programme Coverage

<table>
<thead>
<tr>
<th>Programme</th>
<th>Adult 15-64 years</th>
<th>Key Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV testing</td>
<td>100%</td>
<td>50%</td>
</tr>
<tr>
<td>On HAART</td>
<td>84%</td>
<td>8%</td>
</tr>
<tr>
<td>On PrEP</td>
<td>24%</td>
<td>5%</td>
</tr>
<tr>
<td>Contact tracing</td>
<td>70%</td>
<td>10%</td>
</tr>
<tr>
<td>Outreach activities</td>
<td>40%</td>
<td>5%</td>
</tr>
<tr>
<td>Antiretroviral therapy</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>HIV-prevention pharmaceuticals</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

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

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

Sexual Debut and Condom Use
- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 27% had sex with a non-marital, non-cohabiting partner
- 58% used a condom at last sex with a non-marital, non-cohabiting partner

Teenage Pregnancies
- 10,147 girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for 37% girls and women who attended ANC

Education
- 96,453 girls enrolled in primary school
- 42,020 girls enrolled in secondary school
- 56% drop

Experience of Violence
- 9% women (15-64 years) experienced physical/sexual violence

Circumcision
- 95.8% adult men (15-64 years) circumcised

Prevention of Mother to Child Transmission
- 72.8% required coverage
- 100% contact coverage

Combining new infections and treatment data, the estimated 2022 HIV incidence in Bomet County is 0.7/1000 population. It is estimated that 2.4% of the population aged 15+ are HIV positive. There is a 20% reduction in IPR that will avert 431 new infections.

42.5% of men and women aged 15-64 years received an HIV test within the last 12 months. The key population size estimates are as follows:
- Female Sex Workers: 2,603
- Men who have sex with men: 409
- People who inject drugs: 582

Programme coverage for HIV testing is 100% for adults aged 15-64 years and 50% for key populations. Coverage for HAART is 84% for adults and 8% for key populations. PrEP coverage is 24% for adults and 5% for key populations. Contact tracing coverage is 70% for adults and 10% for key populations. Outreach activities are covered by 40% for adults and 5% for key populations. Antiretroviral therapy coverage is 100% for adults and key populations.

Experience of violence among women aged 15-64 years is 9%.

Circumcision uptake among adult men aged 15-64 years is 95.8%.

**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

**Key Population Networks**
- Priority and vulnerable population networks
- General population networks

**Epidemic Typology**
- Concentrated: HIV transmission is sustained by ongoing transmissions within sub population at higher risk

**Documentation**
- National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
- National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
# The State of HIV Prevention in Bungoma 2022

## HIV Incidence and Prevalence among Adults Aged 15+

<table>
<thead>
<tr>
<th>HIV Incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6/1000 population</td>
<td>796</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HIV Prevalence</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5%</td>
<td>1.6%</td>
</tr>
</tbody>
</table>

**HIV Testing**
- 33.1% of men and women aged 15-64 years received an HIV test within the last 12 months
- **Sex Ratio**: 946/1000
- **Total Population**: 1,670,570
- **HIV Testing among Priority Populations**
  - 21.5% of men and 44.5% of women aged 15-64 years received an HIV test within the last 12 months

### Epidemic Typology

**Concentrated**: HIV transmission is sustained by ongoing transmissions within subpopulation at higher risk.

## Key Population Size Estimates

<table>
<thead>
<tr>
<th>Key Population</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female Sex Worker</td>
<td>3,716</td>
</tr>
<tr>
<td>Men who have sex with men</td>
<td>1,353</td>
</tr>
<tr>
<td>People who inject drugs</td>
<td>413</td>
</tr>
<tr>
<td>Transgender population</td>
<td>518</td>
</tr>
</tbody>
</table>

## 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

## Teenage Pregnancies

- **14,054** girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for **23%** girls and women who attended ANC

## Education

- **246,863** girls enrolled in primary school
- **73,973** girls enrolled in secondary school
- **70%** drop

## Experience of Violence

- **97.3%** adult men (15-64 years) circumcised
- **21%** women (15-64 years) experienced physical/sexual violence

## Programme Coverage

### Prevention of Mother to Child Transmission

<table>
<thead>
<tr>
<th>HIV Testing</th>
<th>On HAART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required coverage</td>
<td>99%</td>
</tr>
</tbody>
</table>

### Adolescent Girls and Young Women

<table>
<thead>
<tr>
<th>Required coverage</th>
<th>99%</th>
</tr>
</thead>
</table>

### Key Population

<table>
<thead>
<tr>
<th>Required coverage</th>
<th>80%</th>
</tr>
</thead>
</table>

### Voluntary Medical Male Circumcision

| Required coverage | 100% |

### Pre-Exposure Prophylaxis

| Required coverage | 3051 people initiated on oral PrEP |

### Antiretroviral Therapy

| Required coverage | People Living with HIV at end of calendar year (2021) |

## Experience of Violence

- **43%** older adolescents and young adults had sexual intercourse before the age of 15 years
- **51.4%** used a condom at last sex with a non-marital, non-cohabiting partner

## Prevention of Mother to Child Transmission

- 20% reduction in IPR will avert 755 new infections

## Experience of Violence

- **21%** women (15-64 years) experienced physical/sexual violence

## Programme Coverage

- **National Syndemic Disease Control Council (NSDCC): HIV estimates, 2022**
- **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).**
- **National Syndemic Diseases Control Council (NSDCC): HIV Epidemic Appraisal, 2022**
- **National AIDS and STI Control Programme (NASCOP), KHIS data December 2021. Nairobi: NASCOP, 2021**
- **Ministry of Education, 2019**
The State of HIV Prevention in Busia 2022

HIV Incidence and Prevalence among Adults Aged 15+

- **HIV Incidence**: 12 out of 1,000 population
- **Estimated New Infections**: 828
- **HIV Prevalence**: 5.4%
- **Incidence - Prevalence Ratio (IPR)**: 0.02

Incidence - Prevalence Ratio (IPR) of 0.02 will avert 747 new infections.

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

Key Population Size Estimates:

- **Female Sex Worker**: 2,421
- **Men who have sex with men**: 550
- **People who inject drugs**: 281

Epidemic Typology:

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

Prevention Priorities:

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and saturate coverage of pregnantwomen 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

**Sexual Debut and Condom Use**

- Older adolescents and young adults had sexual intercourse before the age of 15 years: 21.8%
- Had sex with a non-marital, non-cohabiting partner: 36.4%
- Used a condom at last sex with a non-marital, non-cohabiting partner: 48.1%

**Teenage Pregnancies**

- 6,003 girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for 21% girls and women who attended ANC

**Circumcision**

- 81.6% adult men (15-64 years) circumcised

**Experience of Violence**

- 32.1% women (15-64 years) experienced physical/sexual violence

**Programme Coverage**

Programme Coverage Key Populations:

- **Prevention of Mother to Child Transmission**
- **Adolescent Girls and Young Women**
- **KEY POPULATION**
- **Voluntary Medical Male Circumcision**
- **Pre-exposure Prophylaxis**
- **Antiretroviral Therapy**

**Prevention of Mother to Child Transmission**

- **National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022**
- **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).**
- **National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022**
- **National AIDS and STI Control Programme (NASCOP), KHIS data December 2021. Nairobi: NASCOP; 2021**
- **Ministry of Education, 2019**

**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
THE STATE OF HIV PREVENTION IN ELGEYO-MARAKWET 2022

**Total Population**
- Total Population: 454,480
- Men: 227,317
- Women: 227,151
- Sex Ratio: 1001 / 1000

**HIV incidence and prevalence** among adults aged 15+
- **HIV incidence**: 0.7 / 1000 population
- **Estimated new infections**: 218
- **HIV prevalence**: 2.0%

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

**Incidence - prevalence ratio (IPR)**: 0.03
20% reduction in IPR will avert 207 new infections.

**HIV Testing**
- 21.2% of men and women aged 15-64 years received an HIV test within the last 12 months.
- 45.6% of men aged 15-64 years had sexual intercourse before the age of 15 years.
- 23.8% of men who have sex with men used a condom at last sex with a non-marital, non-cohabiting partner.
- 46.3% of men who have sex with men had sex with a non-marital, non-cohabiting partner.
- 21.7% of men who have sex with men used a condom at last sex with a non-marital, non-cohabiting partner.

**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.
- 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.

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

**Key Population Size Estimates**
- **Female Sex Worker**: 1,268
- **Men who have sex with men**: 186
- **People who inject drugs**: 291

**Experience of Violence**
- 87.9% of adult men (15-64 years) circumcised.
- 18% of women (15-64 years) experienced physical/sexual violence.

**Teenage Pregnancies**
- 3,757 girls (10-19 yrs) pregnant at 1st ANC visit.
- Accounts for 25% of girls and women who attended ANC.

**Education**
- 53,187 girls enrolled in public primary school.
- 20,232 girls enrolled in public secondary school.
- 62% drop.

**Experience of Violence**
- 18% of women (15-64 years) experienced physical/sexual violence.

National Syndemic Disease Control Council (NSDCC); HIV estimates, 2022
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).
National AIDS and STI Control Programme (NASCOP), Khis data December 2021. Nairobi: NASCOP; 2021
Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN EMBU 2022

HIV incidence and prevalence among adults aged 15+

HIV incidence
0.5/1000 population

HIV prevalence
2.2%

HIV incidence - prevalence ratio (IPR) 0.02

20% reduction in IPR will avert 222 new infections

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

Sexual Debut and Condom Use

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

94.4% of adult men (15-64 years) circumcised

Teenage Pregnancies

2,416 girls (10-19 yrs) pregnant at 1st ANC visit

accounts for 16% girls and women who attended ANC

Education

96,916 girls enrolled in public primary school
27,831 girls enrolled in public secondary school
71% drop

Experience of Violence

22% women (15-64 years) experienced physical/sexual violence

Circumcision

94.4% adult men (15-64 years) circumcised

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
**THE STATE OF HIV PREVENTION IN GARISSA 2022**

**Total Population**
- 841,353
- 458,975
- 382,344
- Sex Ratio: 1200/1000

**HIV incidence and prevalence among adults aged 15+**
- HIV Incidence: 0.0%
- Estimated new infections: 38
- HIV Prevalence: 0.2%

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

**Key Population Size Estimates**
- 2,149 Female Sex Worker
- 1,285 Men who have sex with men
- 299 People who inject drugs

**Epidemic Typology**
- Concentrated: HIV transmission is sustained by ongoing transmissions within sub population at higher risk

**Sexual Debut and Condom Use**
- 25.3% of older adolescents and young adults had sexual intercourse before the age of 15 years

**Education**
- 20,804 girls enrolled in public primary school
- 8,061 girls enrolled in public secondary school
- 61% drop

**Condom Use: No data**

**Experience of Violence**
- 3% of women (15–64 years) experienced physical/sexual violence

**Circumcision**
- 98.9% of adult men (15–64 years) circumcised

**Teensage Pregnancies**
- 6,033 girls (10–19 yrs) pregnant at 1st ANC visit
- Accounts for 17% girls and women who attended ANC

**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

**Prevention of Mother to Child Transmission**
- 33% Initiated on HAART

**Voluntary Medical Male Circumcision**
- 3 people initiated on oral PrEP

**Pre-Exposure Prophylaxis**
- People living with HIV (up to experienced duration)

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**References**
- National AIDS and STI Control Programme (NASCOP), Khis data December 2021. Nairobi: NASCOP; 2021
- Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN HOMABAY 2022

**HIV incidence and prevalence among adults aged 15+**

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1/1000 population</td>
<td>2695</td>
</tr>
</tbody>
</table>

**HIV prevalence**

16.2%

**Incidence - prevalence ratio (IPR)**

0.03

**20% reduction in IPR will avert 1816 new infections**

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

**Teenage Pregnancies**

10,116 girls (10-19 yrs) pregnant at 1st ANC visit

**Experience of Violence**

30% women (15-64 years) experienced physical/sexual violence

**Education**

137,462 girls enrolled in public primary school

54,242 girls enrolled in public secondary school

61% drop

**Programme Coverage**

**PREVENTION OF MOTHER TO CHILD TRANSMISSION**

- HIV testing: 5%
- On HAART: 5%

**ADOLESCENT GIRLS AND YOUNG WOMEN**

- VMMC: 66%
- Circumcision: 88%

**KEY POPULATION**

- People Living with HIV virally suppressed: 96%
- People Living with HIV on ART: 95%

**ANTIRETROVIRAL THERAPY**

- People Living with HIV who are virally suppressed: 95%
- People Living with HIV who are not virally suppressed: 6%

**Prevention Priorities**

- Scale up HIV testing among priority populations
- Ensure other high risk networks within general population like fisher folk are covered with HIV prevention programmes
- 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

**Epidemic Typology**

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

**HIV prevalence**

4.1/1000 population

**HIV incidence**

20% reduction in IPR will avert 1816 new infections

**HIV Testing**

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

**Sexual Debut and Condom Use**

- older adolescents and young adults had sexual intercourse before the age of 15 years
- 73.2%
- 47.3%
- 25.5%
- 71.7%

**Circumcision**

- 59.1% adult men (15-64 years) circumcised

**Voluntary Medical Male Circumcision**

- 3933 people initiated on oral PrEP

**Antiretroviral Therapy**

- 3933 people initiated on oral PrEP

**Education**

- 137,462 girls enrolled in public primary school
- 54,242 girls enrolled in public secondary school
- 61% drop

**Teenage Pregnancies**

- 10,116 girls (10-19 yrs) pregnant at 1st ANC visit

**Experience of Violence**

- 30% women (15-64 years) experienced physical/sexual violence
THE STATE OF HIV PREVENTION IN ISIOLO 2022

HIV incidence and prevalence among adults aged 15+:
- HIV incidence: 0.5/1000 population
- HIV prevalence: 1.8%

Incidence - prevalence ratio (IPR): 0.03
- 20% reduction in IPR will avert 94 new infections.

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

Key Population Size Estimates:
- Female Sex Worker: 688
- Men who have sex with men: 346
- People who inject drugs: 817

Epidemic Typology:
- CONCENTRATED: HIV transmission is sustained by ongoing transmissions within sub population at higher risk.

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

Programme Coverage:
- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

Experience of Violence:
- 5% women (15-64 years) experienced physical/sexual violence

Teenage Pregnancies:
- 2,256 girls (10-19 yrs) pregnant at 1st ANC visit
- 27% girls and women who attended ANC

Sexual Debut and Condom Use:
- 21.1% older adolescents and young adults had sexual intercourse before the age of 15 years
- 15.4% had sex with a non-marital, non-cohabiting partner
- 31.8% used a condom at last sex with a non-marital, non-cohabiting partner
- 53.8% had sex with a non-marital, non-cohabiting partner

Education:
- 14,721 girls enrolled in primary school
- 2,974 girls enrolled in secondary school
- 80% drop

Experience of Violence:
- 5% women (15-64 years) experienced physical/sexual violence

Circumcision:
- 92.9% adult men (15-64 years) circumcised

Prevention of Mother to Child Transmission:
- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

Prevention of Mother to Child Transmission:
- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

Prevention of Mother to Child Transmission:
- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

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- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

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- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

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- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

Prevention of Mother to Child Transmission:
- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%

Prevention of Mother to Child Transmission:
- HIV testing: 29%
- On HAART: 98%
- Pre Exposure Prophylaxis: 3
- People living with HIV on ART: 80%
HIV incidence and prevalence among adults aged 15+

- HIV incidence: 1.1/1000 population
- HIV prevalence: 3.5%
- Incidence-prevalence ratio (IPR): 0.03
- 20% reduction in IPR will avert 878 new infections

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

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

Programme Coverage

- HIV testing: 10%
- Use of HAART: 95%
- Preventive behaviour change: 73%

Key Population Size Estimates
- Female Sex Worker: 7,645
- Men who have sex with men: 1,759
- People who inject drugs: 436
- Transgender population: 112

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

Sexual Debut and Condom Use
- older adolescents and young adults had sexual intercourse before the age of 15 years: 22.8%
- had sex with a non-marital, non-cohabiting partner: 31.3%
- used a condom at last sex with a non-marital, non-cohabiting partner: 23.1%
- had sex with a non-marital, non-cohabiting partner: 65.6%

Experience of Violence
- women (15-64 years) experienced physical/sexual violence: 18%

Circumcision
- adult men (15-64 years) circumcised: 96.1%

Total Population: 1,117,840
- Sex: Male 557,098, Female 560,704
- Sex Ratio: 994 / 1,000

HIV testing:
- Estimated new infections: 966
- HIV prevalence: 3.5%

HIV Testing:
- 40.8% of girls (10-19 yrs) pregnant at 1st ANC visit
- 25% of girls and women who attended ANC

Teenage Pregnancies
- 11,084 girls (10-19 yrs) pregnant at 1st ANC visit
- Girls aged 15-64 years who received an HIV test: 44.6%

Education
- 66,538 girls enrolled in primary school
- 15,196 girls enrolled in secondary school
- Drop in education: 77%

Prevention of Mother to Child Transmission
- Preventive behaviour change: 73%

Key Population
- Female Sex Worker: 7,645
- Men who have sex with men: 1,759
- People who inject drugs: 436
- Transgender population: 112

Voluntary Medical Male Circumcision
- 1,073 people initiated on oral PrEP

Pre-Exposure Prophylaxis
- 1,073 people initiated on oral PrEP

Antiretroviral Therapy
- People on ARV treatment: 1,073
THE STATE OF HIV PREVENTION IN KAKAMEGA 2022

HIV incidence and prevalence among adults aged 15+

- HIV incidence: 0.8/1000 population
- Estimated new infections: 1198
- HIV prevalence: 3.6%

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

3.6% HIV prevalence

Accounts for 100% of new infections

Incidence - prevalence ratio (IPR) 0.02

20% reduction in IPR will avert 1,117 new infections

Key Population Size Estimates

- Female Sex Worker: 3,525
- Men who have sex with men: 1378
- People who inject drugs: 329
- Transgender population: 91

Epidemic Typology

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

Programme Coverage

- HIV testing: 79
- On HAART: 79
- PrEP: 79
- Voluntary Medical Male Circumcision (VMMC): 32
- Pre-Exposure Prophylaxis (PrEP): 1
- Antiretroviral Therapy (ART): 1

Sexual Debut and Condom Use

- Number of girls (10-19 yrs) pregnant at 1st ANC visit: 15,116
- Percentage of girls and women who attended ANC: 70%

Circumcision

- Percentage of adult men (15-64 years) circumcised: 99.7%

Experience of Violence

- Percentage of women (15-64 years) experienced physical/sexual violence: 20%

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

Experience of Violence

- Percentage of older adolescents and young adults who had sexual intercourse before the age of 15 years: 21%
- Percentage of older adolescents and young adults who had sex with a non-marital, non-cohabiting partner: 33.4%
- Percentage of older adolescents and young adults who had sex with a non-marital, non-cohabiting partner: 20.4%
- Percentage of older adolescents and young adults who used a condom at last sex with a non-marital, non-cohabiting partner: 43%

Teenage Pregnancies

- Number of girls aged 15-19 yrs pregnant: 15,116
- Percentage of girls and women who attended ANC: 70%

Education

- Number of girls enrolled in public primary school: 261,637
- Number of girls enrolled in public secondary school: 77,356
- Percentage of girls enrolled in secondary school: 70%

Med, 2019).

A global benchmark value of approximately 0.03 is used as a threshold for voluntary medical male circumcision.

The IS is not a priority county for voluntary medical male circumcision.

Pre-Exposure Prophylaxis (PrEP): 1

Expected coverage of pregnant women

- VMMC: 32

Due to substantial contribution from sub populations within general population due to shared networks.

African Sydemic Diseases Control Council (NSDCC), HIV estimates, 2022

1. National AIDS and STI Control Programme (NASCOP), Preliminary HIV Estimates, 2022, Nairobi, Kenya, NASCOP, 2022
3. National Sydemic Diseases Control Council (NSDCC), HIV Epidemic Appraisal, 2022
7. Ministry of Education, 2019

HIV incidence and prevalence among adults aged 15+:

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

Key Population Size Estimates:
- Female Sex Worker: 2,333
- Men who have sex with men: 605
- People who inject drugs: 180
- Transgender population: 10

Epidemic Typology:
- Mixed: HIV transmission is sustained by substantial contribution from subpopulations at higher risk and subpopulations within general population due to shared networks.

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

Programme Coverage:

- HIV testing: 98%
- On HAART: 76%

Experience of Violence:
- 12% women (15-64 years) experienced physical/sexual violence

Education:
- Girls enrolled in public primary school: 87,322
- Girls enrolled in public secondary school: 39,554
- 55% drop

Circumcision:
- 96.1% adult men (15-64 years) circumcised

Teenage Pregnancies:
- 7,150 girls (10-19 yrs) pregnant at 1st ANC visit

Sexual Debut and Condom Use:
- Older adolescents and young adults had sexual intercourse before the age of 15 years: 25.5%
- 31.5% had sex with a non-marital, non-cohabiting partner
- 20.3% used a condom at last sex with a non-marital, non-cohabiting partner
- 51.5% of 15 years older adolescents and young adults had sex with a non-marital, non-cohabiting partner

Programme Coverage:

- HIV testing: 98%
- On HAART: 76%

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

*National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
A global benchmark value of approximately 0.03 is used as a threshold for the infection (Shu et al., PLoS Med, 2018)
#National AIDS and STI Control Programme (NASCOP). Key Population Size Estimation - Phase III Report, Nairobi, NASCOP, 2022
$National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
@National AIDS and STI Control Programme (NASCOP), Key Population Size Estimation - Phase 1 Report, Nairobi, NASCOP, 2022
©National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
©Ministry of Education, 2019

**NATIONAL SYNDEMIC DISEASES CONTROL COUNCIL**
HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3/1000 population</td>
<td>729</td>
</tr>
</tbody>
</table>

HIV prevalence 2.3%

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

Sexual debut and condom use

- Older adolescents and young adults had sexual intercourse before the age of 15 years: 7.8%
- 41% had sex with a non-marital, non-cohabiting partner
- 54% used a condom at last sex with a non-marital, non-cohabiting partner

Teenage pregnancies

8,330 girls (10-19 yrs) pregnant at 1st ANC visit

Accounts for 12% girls and women who attended ANC

Experience of violence

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

Circumcision

96.7% adult men (15-64 yrs) circumcised

Programme coverage

- Prevention of mother to child transmission
- Adolescent girls and young women
- Key population
- Voluntary medical male circumcision
- Pre-exposure prophylaxis (PrEP)
- Antiretroviral therapy

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

Epidemic typology

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

Key population estimates

- Female sex worker (FSW): 5,809
- Men who have sex with men (MSM): 2,580
- People who inject drugs (PWID): 1,045
- Transgender population (TG): 104

Voluntary medical male circumcision (VMMC)

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

Prevalence - incidence ratio (PIR) 0.02

20% reduction in IPR will avert 709 new infections

Preventive measures

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- 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

Source:

2. National Syndemic Disease Control Council (NSDCC). HIV estimates. 2022
3. 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).
8. Ministry of Education, 2019
9. Ministry of Health, 2020
10. National Syndemic Disease Control Council (NSDCC) HIV estimates, 2022
15. Ministry of Education, 2019
**The State of HIV Prevention in Kilifi 2022**

**HIV Incidence and Prevalence among Adults Aged 15+**

- **HIV Incidence**: 0.7/1000 population
- **HIV Prevalence**: 2.8%

**HIV Testing**

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

**Key Population Size Estimates**

- Female Sex Worker: 6,696
- Men who have sex with men: 4,589
- People who inject drugs: 3,168
- Transgender population: 341

**Epidemic Typology**

- **Mixed**: HIV transmission is sustained by ongoing transmissions within sub-population at higher risk.

**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

**Sexual Debut and Condom Use**

- Older adolescents and young adults had sexual intercourse before the age of 15 years.
- 45.5% of men and 20.3% of women used a condom at last sex with a non-marital, non-cohabiting partner.

**Teenage Pregnancies**

- 7,440 girls (10-19 yrs) pregnant at 1st ANC visit

**Education**

- 153,477 girls enrolled in public primary school
- 36,208 girls enrolled in public secondary school

**Experience of Violence**

- 16% of women (15-64 years) experienced physical/sexual violence.

**Programme Coverage**

- **Prevention of Mother to Child Transmission**
- **Adolescent Girls and Young Women**
- **Key Population**
- **Voluntary Medical Male Circumcision**
- **Pre-Exposure Prophylaxis**
- **Antiretroviral Therapy**

**Experience of Violence**

- 16% of women (15-64 years) experienced physical/sexual violence.

**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

**Notes**

- *National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022*
- *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).*
- *National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022*
- *Ministry of Education, 2019*
THE STATE OF HIV PREVENTION IN KIRINYAGA 2022

HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3 /1000 population</td>
<td>157</td>
</tr>
</tbody>
</table>

HIV prevalence 2.5%

- 1.5%
- 3.4%

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

HIV Testing

- 25.2%
- 48.9%

Key Population Size Estimates

- 2,497 Female Sex Worker
- 437 Men who have sex with men
- 381 People who inject drugs

Epidemic Typology

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

Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant woman 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
IN KISII 2022

HIV incidence and prevalence among adults aged 15+

HIV incidence 13 / 1000 population
HIV prevalence 4.7%

Incidence – Prevalence ratio (IPR) 0.03
20% reduction in IPR will avert 958 new infections

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

Teenage Pregnancies

10,149 girls (10-19 yrs) pregnant at 1st ANC visit
Accounts for 28% girls and women who attended ANC

Experience of Violence

17% women (15-64 yrs) experienced physical/sexual violence

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

Epidemic Typology

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

HIV Testing

Sexual Debut and Condom Use

Circumcision

98.5% adult men (15-64 yrs) circumcised

Experience of Violence

17% women (15-64 yrs) experienced physical/sexual violence

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

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

Epidemic Typology

MIXED: HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.
## HIV Incidence and Prevalence among Adults Aged 15+<sup>1</sup>

<table>
<thead>
<tr>
<th>HIV Incidence</th>
<th>Estimated New Infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.4/1000 population</td>
<td>3117</td>
</tr>
</tbody>
</table>

**HIV Prevalence** 15.5%

- **11.2%**: accounts for 100 times the number of women who received an HIV test within the last 12 months
- **18.7%**: accounts for 943 times the number of women who received an HIV test within the last 12 months

Incidence - Prevalence Ratio (IPR) 0.03 (20% reduction in IPR will avert 2,031 new infections)<sup>2</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>3</sup>

- **5,277**: Female Sex Worker
- **4,025**: Men who have sex with men
- **390**: People who inject drugs
- **220**: Transgender population

## Programme Coverage<sup>5</sup>

<table>
<thead>
<tr>
<th>Key Population</th>
<th>HIV Testing On HAART</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV-infected pregnant woman</td>
<td>99%</td>
</tr>
<tr>
<td>Circumcised adult men (15-64 years)</td>
<td>98%</td>
</tr>
<tr>
<td>HIV-infected smear-negative</td>
<td>99%</td>
</tr>
<tr>
<td>Late HAART start</td>
<td>98%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key Population</th>
<th>Contact Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>Contact Coverage</td>
</tr>
<tr>
<td>Required</td>
<td>Contact Coverage</td>
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<tr>
<td>Required</td>
<td>Contact Coverage</td>
</tr>
<tr>
<td>Required</td>
<td>Contact Coverage</td>
</tr>
</tbody>
</table>

### Prevention Priorities

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

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

34% of women (15–64 years) experienced physical/sexual violence

## Education<sup>6</sup>

125,627 girls enrolled in public primary school

43,219 girls enrolled in public secondary school

66% drop

## 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

## Cirumcision<sup>8</sup>

53.3% adult men (15–64 years) circumcised

## 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

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<sup>1</sup>National AIDS and STI Control Programme (NASCOP), Key Population Size Estimation and Phase II Report. Nairobi: NASCOP. 2021

<sup>2</sup>National AIDS and STI Control Programme (NASCOP), Preliminary Epidemiology Report, Nairobi, NASCOP, 2022.


<sup>5</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022

<sup>6</sup>Size Estimation - Phase II Report. Nairobi: NASCOP. 2021


<sup>8</sup>National AIDS and STI Control Programme (NASCOP), HIV estimates, 2022
THE STATE OF HIV PREVENTION IN KITUI 2022

**HIV incidence and prevalence among adults aged 15+**

- **HIV incidence**
  - 0.7/1000 population
- **HIV prevalence**
  - 3.3%

**HIV Testing**

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

**In Kitui**

**Programme Coverage**

- **Prevention of Mother to Child Transmission**
  - HIV testing
  - On HAART
- **Adolescent Girls and Young Women**
  - Contact coverage
  - Required coverage
- **Key Population**
  - Contact coverage
  - Required coverage

**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 dropout to improve access to prevention services

**Epidemic Typology**

**MIXED**

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

**Sexual Debut and Condom Use**

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- Used a condom at last sex with a non-marital, non-cohabiting partner

**Circumcision**

- 98.9% adult men (15-64 years) circumcised

**Experience of Violence**

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

**Programme Coverage**

- 77 girls attended ANC
- 38 girls received PrEP
- 6% girls on HAART

**Prevention of Mother to Child Transmission**

- 77 girls attended ANC
- 38 girls received PrEP
- 6% girls on HAART

**Adolescent Girls and Young Women**

- 33.6% girls had sex with a non-marital, non-cohabiting partner
- 23.3% girls used a condom at last sex with a non-marital, non-cohabiting partner

**Key Population**

- 95% people living with HIV are virally suppressed
- 2447 people initiated on oral PrEP

**Teenage Pregnancies**

- 7,666 girls (10-19 yrs) pregnant at 1st ANC visit

**Education**

- 145,983 girls enrolled in public primary school
- 47,654 girls enrolled in public secondary school
- 51.9% drop

**Programme Coverage**

- 77 girls attended ANC
- 38 girls received PrEP
- 6% girls on HAART

**Prevention of Mother to Child Transmission**

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- 38 girls received PrEP
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**Adolescent Girls and Young Women**

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- 33.6% girls had sex with a non-marital, non-cohabiting partner
- 23.3% girls used a condom at last sex with a non-marital, non-cohabiting partner

**Key Population**

- 95% people living with HIV are virally suppressed
- 2447 people initiated on oral PrEP

**Experience of Violence**

- 19% women (15-64 years) experienced physical/sexual violence
THE STATE OF HIV PREVENTION IN KWALE 2022

HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8/1,000 population</td>
<td>453</td>
</tr>
</tbody>
</table>

HIV prevalence: 3.1%

20% reduction in IPR will avert 425 new infections.

HIV Testing: 44% of men and women aged 15-64 years received an HIV test within the last 12 months.

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

Programme Coverage

<table>
<thead>
<tr>
<th>Programme</th>
<th>Percent Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV testing</td>
<td>78%</td>
</tr>
<tr>
<td>On HAART</td>
<td>24%</td>
</tr>
<tr>
<td>PMTCT</td>
<td>91%</td>
</tr>
<tr>
<td>Required Contact coverage</td>
<td>77%</td>
</tr>
<tr>
<td>Key Population</td>
<td></td>
</tr>
<tr>
<td>Voluntary Medical Male Circumcision</td>
<td></td>
</tr>
<tr>
<td>Pre-exposure prophylaxis</td>
<td></td>
</tr>
<tr>
<td>Antiretroviral therapy</td>
<td></td>
</tr>
</tbody>
</table>

Epidemic Typology

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

- Female Sex Worker: 2,833
- Men who have sex with men: 1,026
- People who inject drugs: 1,127
- Transgender population: 68

Sex: 963 / 1,000

Teenage Pregnancies

6,640 girls (10-19 yrs) pregnant at 1st ANC visit

Experience of Violence

21% women (15-64 years) experienced physical/sexual violence

Circumcision

96.1% adult men (15-64 years) circumcised

Education

90,819 girls enrolled in primary school
82% drop

8,641 children not attending school

Experience of Violence

21% women (15-64 years) experienced physical/sexual violence

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

1 National Syndemic Disease Control Council (NASCOP). HIV estimates, 2022
2 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, 2016)
6 National AIDS and STI Control Programme (NASCOP), KHS data December 2021 Nairobi: NASCOP, 2021
7 Ministry of Education, 2019

VOLUNTARY MEDICAL MALE CIRCUMCISION

Prevalent of Mother to Child Transmission

AIDS and YOUNG WOMEN

KEY POPULATION

VOLUNTARY MEDICAL MALE CIRCUMCISION

PRE-EXPOSURE PROPHYLAXIS

ANTIRETROVIRAL THERAPY

People Living with HIV (Estimated)

6

5

4

3

2

1

0

80%

70%

60%

50%

40%

30%

20%

10%

0%
THE STATE OF HIV PREVENTION IN LAIKIPIA 2022

HIV incidence and prevalence among adults aged 15+

HIV incidence
0.6 / 1,000 population

HIV prevalence
2.2%

HIV incidence and prevalence among adults aged 15+

Incidence - prevalence ratio (IPR) 0.03

20% reduction in IPR will avert 231 new infections

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

Key Population Size Estimates

Female Sex Worker 1,182
Men who have sex with men 231
People who inject drugs 375
Transgender population 171

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

Epidemic Typology

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

Experience of Violence

97.7% adult men (15-64 years) circumcised
20% women (15-64 years) experienced physical/sexual violence

Circumcision

97.7% adult men (15-64 years) circumcised

Teenage Pregnancies

4,030 girls (10-19 yrs) pregnant at 1st ANC visit

Sexual Debut and Condom Use

- 9% of older adolescents and young adults had sexual intercourse before the age of 15 years
- 28.2% had sex with a non-marital, non-cohabiting partner
- 22.6% used a condom at last sex with a non-marital, non-cohabiting partner
- 57.5% of women (15-64 years) experienced physical/sexual violence

Preventing of Mother to Child Transmission

- 49.6% of pregnant women tested for HIV
- 94% of pregnant women with HIV on HAART

Teenage Girls and Young Women

- 41,600 girls enrolled in primary school
- 18,385 girls enrolled in secondary school

Programme Coverage

- 100% required Contact average coverage
- 98% required Contact average coverage
- 96% required Contact average coverage
- 93% required Contact average coverage
- 93% required Contact average coverage

Voluntary Medical Male Circumcision

- 300 people initiated on oral PrEP

Experience of Violence

- 20% women (15-64 years) experienced physical/sexual violence

Total Population 518,560

Sex Ratio 1,001 / 1,000

- 259,440
- 259,102

Ministry of Health
National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
National AIDS and STI Control Programme (NASCOP). HIV Epidemic Appraisal, 2022
National AIDS and STI Control Programme (NASCOP). HIV Epidemic Appraisal, 2022
Ministry of Education, 2019
Ministry of Education, 2019
Ministry of Education, 2019
Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN LAMU 2022

HIV incidence and prevalence among adults aged 15+:

- **HIV incidence**: 0.6 per 1,000 population
- **HIV prevalence**: 2.3%

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

HIV Testing:

- **3.7%** tested
- **29.6%** tested

Scale up HIV testing among priority populations.

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.
- 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.

**Sexual Debut and Condom Use**:

- **21.5%** older adolescents and young adults had sexual intercourse before the age of 15 years.
- **21.2%** had sex with a non-marital, non-cohabiting partner.
- **38%** used a condom at last sex with a non-marital, non-cohabiting partner.

**Teenage Pregnancies**:

- **871** girls (10-19 yrs) pregnant at 1st ANC visit.

**Experience of Violence**:

- **8%** women (15-64 years) experienced physical/sexual violence.

**Circumcision**:

- **91.7%** adult men (15-64 years) circumcised.

**Programme Coverage**:

- **100%** girls enrolled in public primary school.
- **70%** drop in girls enrolled in public secondary school.

**Epidemic Typology**:

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

**Prevention of Mother to Child Transmission**:

- **100%** girls initiated on oral PrEP.
- **2 people** infected on oral PrEP.

**Key Population Size Estimates**:

- **749** Female Sex Worker
- **211** Men who have sex with men
- **450** People who inject drugs

**Notes**:

2. National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
3. 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).
4. 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).
7. National AIDS and STI Control Programme (NASCOP), KHIS data December 2021, Nairobi; NASCOP; 2021
8. Ministry of Education, 2019
### The State of HIV Prevention in Machakos 2022

#### HIV Incidence and Prevalence

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV Incidence</td>
<td>3.0%</td>
</tr>
<tr>
<td>HIV Prevalence</td>
<td>0.7/1,000 population</td>
</tr>
</tbody>
</table>

#### Key Population Estimates

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female Sex Worker</td>
<td>4,932</td>
</tr>
<tr>
<td>Men who have sex with man</td>
<td>2,811</td>
</tr>
<tr>
<td>People who inject drugs</td>
<td>40</td>
</tr>
<tr>
<td>Transgender population</td>
<td>277</td>
</tr>
</tbody>
</table>

#### Sexual Debut and Condom Use

- Older adolescents and young adults had sexual intercourse before the age of 15 years: 24.2%
- Used a condom at last sex with a non-marital, non-cohabiting partner: 52.0%

#### Teenage Pregnancies

- Girls (10-19 yrs) pregnant at 1st ANC visit: 5,857
- Accounts for 16% girls and women who attended ANC

#### Education

- Girls enrolled in primary school: 116,869
- Girls enrolled in secondary school: 51,524

#### Circumcision

- Adult men (15-64 years) circumcised: 98.5%

#### Experience of Violence

- Women (15-64 years) experienced physical/sexual violence: 16%

#### Programme Coverage

<table>
<thead>
<tr>
<th>Category</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV testing in ANC</td>
<td>99%</td>
</tr>
<tr>
<td>On HAART</td>
<td>100%</td>
</tr>
<tr>
<td>Pre-exposure prophylaxis (PrEP)</td>
<td>74%</td>
</tr>
<tr>
<td>Antiretroviral therapy (ART)</td>
<td>98%</td>
</tr>
</tbody>
</table>

#### 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

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**Notes:**
- National Sydemic Diseases Control Council (NSDCC): HIV estimates, 2022
- *A global benchmark value of approximately 0.03 is used as a threshold for voluntary medical male circumcision (VMMC)*
- Ministry of Education, 2019
- Ministry of Health, 2021
- National AIDS and STI Control Programme (NASCOP), KHIS data - December 2021, Nairobi, NASCOP, 2021
- National AIDS and STI Control Programme (NASCOP), National Syndemic Diseases Control Council (NSDCC), HIV Epidemic Appraisal, 2022
- National AIDS and STI Control Programme (NASCOP), Preliminary KEMRI KBHR-2019 Report, Nairobi: NASCOP, 2020
THE STATE OF HIV PREVENTION IN MAKUENI 2022

HIV incidence and prevalence among adults aged 15+

- HIV incidence: 0.6/1,000 population
- HIV prevalence: 2.8%
- HIV incidence - prevalence ratio (IPR): 0.02
- Incidence - prevalence ratio (IPR) will avert 441 new infections

HIV Testing

- 49.7% of men and women aged 15-64 years received an HIV test within the last 12 months
- Estimated pregnant women percent: Required coverage
- Contact coverage: Required
- People Living with HIV virally suppressed (uptake): On HAART

Sexual Debut and Condom Use

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 44% had sex with a non-marital, non-cohabiting partner
- 24.1% used a condom at last sex with a non-marital, non-cohabiting partner
- 48.8% had sex with a non-marital, non-cohabiting partner

Teenage Pregnancies

- 4,724 girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for 19% girls and women who attended ANC

Educational Attainment

- 114,963 girls enrolled in public primary school
- 54,969 girls enrolled in public secondary school
- 52% drop

Experience of Violence

- 14% women (15-64 years) experienced physical/sexual violence

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

Key Population Size Estimates

- Female Sex Worker: 2,743
- Men who have sex with men: 893
- People who inject drugs: 399

Programme Coverage

- Prevention of Mother to Child Transmission
- Adolescent Girls and Young Women
- Key Population
- Voluntary Medical Male Circumcision
- Pre-Exposure Prophylaxis
- Antiretroviral Therapy

Epidemic Typology

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

Experience of Violence

- 4% of women (15-64 years) experienced physical/sexual violence

Other Relevant Data

- National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
- 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).
- National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
- Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN MANDERA 2022

HIV incidence and prevalence among adults aged 15+

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

HIV Testing

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

Key Population Size Estimates

Female Sex Worker 3,952
Men who have sex with men 1,052
People who inject drugs 519

Epidemic Typology

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

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

Sexual Debut and Condom Use

20.1% older adolescents and young adults had sexual intercourse before the age of 15 years

Teenage Pregnancies

Accounts for 29% girls and women who attended ANC

Education

34,421 girls enrolled in public primary school
10,358 girls enrolled in public secondary school
70% drop

Experience of Violence

3% women (15-64 years) experienced physical/sexual violence

Circumcision

96.6% adult men (15-64 years) circumcised

Programme Coverage

PREVENTION OF MOTHER TO CHILD TRANSMISSION

ADOLESCENT GIRLS AND YOUNG WOMEN

KEY POPULATION

VOLUNTARY MEDICAL MALE CIRCUMCISION

PRE-EXPOSURE PROPHYLAXIS

ANTIRETROVIRAL THERAPY

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

1 National Sydemic Diseases Control Council (NSDCC). HIV estimates, 2022
2 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).
5 National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
7 National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
8 Ministry of Education, 2019
9 Ministry of Education, 2019
11 National Sydemic Disease Control Council (NSDCC). HIV estimates, 2022
14 National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
15 National AIDS and STI Control Programme (NASCOP), KHIS data December 2021. Nairobi: NASCOP; 2021
16 Ministry of Education, 2019
17 Ministry of Education, 2019
19 National Sydemic Disease Control Council (NSDCC). HIV estimates, 2022
22 National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
23 National AIDS and STI Control Programme (NASCOP), KHIS data December 2021. Nairobi: NASCOP; 2021
24 Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN MARASBIT 2022

HIV incidence and prevalence among adults aged 15+

- **HIV incidence**: 0.3/1,000 population
- **HIV prevalence**: 0.9%

HIV Testing

- 37.2% of men and women aged 15-64 years received an HIV test within the last 12 months
- 20% reduction in IPR will avert 87 new infections

Sexual Debut and Condom Use

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 22.4% had sex with a non-marital, non-cohabiting partner

Condom Use: No data

Teenage Pregnancies

- 3,799 girls (10-19 yrs) pregnant at 1st ANC visit

Accounts for 25% girls and women who attended ANC

Circumcision

- 97.7% adult men (15-64 years) circumcised

Experience of Violence

- 2% women (15-64 years) experienced physical/sexual violence

Programme Coverage

- Prevention of Mother to Child Transmission
- Adolescent Girls and Young Women
- Key Population
- Voluntary Medical Male Circumcision
- Pre-exposure Prophylaxis
- Antiretroviral Therapy

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

**Note:**
2. National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
3. 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).
8. Ministry of Education, 2019
9. 100%
HIV incidence and prevalence among adults aged 15+:

- HIV incidence: 0.6/1000 population
- HIV prevalence: 2.5%
- Incidence-prevalence ratio (IPR): 0.02

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

Programme Coverage:

- **HIV testing**: 86% initiated on PrEP
- **On HAART**: 97%
- **Voluntary Male Circumcision**: 46%
- **Pre-Exposure Prophylaxis**: 861 people initiated on oral PrEP
- **Antiretroviral Therapy**: 100%

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

Epidemic Typology:

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

Sexual Debut and Condom Use:

- Older adolescents and young adults had sexual intercourse before the age of 15 years:
  - 22%
  - 38.1%
  - 50.6%

Teenage Pregnancies:

- 14,417 girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for 38% girls and women who attended ANC

Education:

- 124,979 girls enrolled in primary school
- 53,299 girls enrolled in public secondary school
- 57% drop

Experience of Violence:

- 93.0% adult men (15-64 years) circumcised
- 21% women (15-64 years) experienced physical/sexual violence

**Key Population Size Estimates**

- **Female Sex Worker**: 2,743
- **Men who have sex with man**: 1,026
- **People who inject drugs**: 60
- **Transgender population**: 122

**In Meru, the State of HIV Prevention**

**Programme Coverage**

**Total Population**: 1,545,714

**Sex Ratio**: 987 / 1000

**HIV incidence and prevalence among adults aged 15+**

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6/1000 population</td>
<td>782</td>
</tr>
</tbody>
</table>

**HIV prevalence**

- 2.5%

**HIV Testing**

- 27.3%
- 38.8%

**Experience of Violence**

- 20% reduction in IPR will avert 742 new infections

**Epidemic Typology**

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

**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**
HIV incidence and prevalence among adults aged 15+

HIV incidence: 2.8/1000 population

HIV prevalence: 10.4%

Incidence - prevalence ratio (IPR): 0.03

20% reduction in IPR will avert 1,504 new infections

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

Epidemic Typology:

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 Size Estimates:

- 5,238 Female Sex Worker
- 782 Men who have sex with men
- 153 People who inject drugs
- 183 Transgender population

Sex Ratio: 924/1000

Teens who give birth:

10,107 girls (10-19 yrs) pregnant at 1st ANC visit

Education:

132,841 girls enrolled in public primary school

45,961 girls enrolled in public secondary school

65% drop

Experience of Violence:

28% women (15-64 years) experienced physical/sexual violence

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

Prevalence and Incidence:

HIV prevalence among adults aged 15+:

- Total Population: 1,116,436
- People tested for HIV: 536,187
- People living with HIV: 580,214
- Sex Ratio: 924/1000

HIV Tests:

- Percentage of girls attending ANC: 100%

Teenage Pregnancies:

- Estimated number of girls (10-19 yrs) pregnant: 10,107
- Girls attending 1st ANC visit: 21%

Circumcision:

- Cumulative number of circumcisions: 6,856

Experience of Violence:

- Percentage of women who experienced physical/sexual violence: 28%
- Percentage of girls who attended ANC: 65%

Epidemic Typology:

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

Male Circumcision:

- Cumulative number of male circumcisions: 7,120

PrEP:

- Estimated number of people initiated on oral PrEP: 5,035

PMTCT:

- Estimated number of women in the PMTCT sub population at risk: 1,943

Sexual Debut and Condom Use:

- Percentage of older adolescents and young adults who had sexual intercourse before the age of 15 years: 40%
- Percentage of girls who used a condom at last sex with a non-marital, non-cohabiting partner: 54%

Education:

- Percentage of girls enrolled in public primary school: 98%
- Percentage of girls enrolled in public secondary school: 98%

Teenage Pregnancies:

- Percentage of girls who attended ANC: 97%
- Percentage of girls initiated on oral PrEP: 97%

Antiretroviral Therapy:

- Percentage of people living with HIV who are on ART: 99%
The State of HIV Prevention in Mombasa 2022

**HIV Incidence and Prevalence among Adults Aged 15+**

- **HIV incidence**: 1.4/1000 population
- **HIV Prevalence**: 5.4%
- **HIV Testing**: 47.2% of men and women aged 15-64 years received an HIV test within the last 12 months

**Key Population Size Estimates**

- **Female Sex Worker**: 8,187
- **Men who have sex with men**: 3,117
- **People who inject drugs**: 1,992
- **Transgender population**: 435

**Epidemic Typology**

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

**Programme Coverage**

- **Prevention of Mother to Child Transmission**
- **Adolescent Girls and Young Women**
- **Voluntary Medical Male Circumcision**
- **Pre-Exposure Prophylaxis**
- **Antiretroviral Therapy**

**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 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

**Teenage Pregnancies**

- 3,358 girls (10-19 yrs) pregnant at 1st ANC visit

**Sexual Debut and Condom Use**

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 37.9% had sex with a non-marital, non-cohabiting partner
- 19% used a condom at last sex with a non-marital, non-cohabiting partner

**Circumcision**

- 95.8% adult men (15-64 years) circumcised

**Experience of Violence**

- 18% women (15-64 years) experienced physical/sexual violence

**Education**

- 36,367 girls enrolled in public primary school
- 12,227 girls enrolled in public secondary school

**Total Population**: 1,208,333

**Sex Ratio**: Male:Female 1.020:1.000
THE STATE OF HIV PREVENTION IN MURANG’A 2022

HIV incidence and prevalence among adults aged 15+:

- HIV prevalence: 2.4%
- HIV incidence: 0.3/1,000 population
- Estimated new infections: 233

HIV Testing:

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

Key Population Size Estimates:

- Female Sex Worker: 2,532
- Men who have sex with men: 904
- People who inject drugs: 412

Epidemic Typology:

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

Sexual Debut and Condom Use:

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 34.2% had sex with a non-marital, non-cohabiting partner
- 20.1% used a condom at last sex with a non-marital, non-cohabiting partner
- 58.3% had used condoms

Teenage Pregnancies:

- 4,195 girls (10-19 yrs) pregnant at 1st ANC visit

Education:

- 83,785 girls enrolled in public primary school
- 57,018 girls who attended ANC
- 32% drop in girls aged 15-64 years who attended ANC

Circumcision:

- 94.4% of adult men (15-64 years) circumcised

Experience of Violence:

- 13% of women (15-64 years) experienced physical/sexual violence

Programme Coverage:

- HIV testing: 78%
- On HAART: 58%

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
THE STATE OF HIV PREVENTION
IN NAIROBI 2022

HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 /1000 population</td>
<td>3,828</td>
</tr>
</tbody>
</table>

HIV prevalence 4.3%

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

Epidemic Typology

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 Size Estimates

1. Female Sex Worker: 39,227
2. Men who have sex with men: 15,271
3. People who inject drugs: 4,198
4. Transgender population: 1,084

Teenage Pregnancies

17,990 girls (15-19 yrs) pregnant at 1st ANC visit

Sexual Debut and Condom Use

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

Experience of Violence

20% women (15-64 y ears) experienced physical/sexual violence

Prevention Priorities

- Scale up HIV testing among priority populations;
- Scale up coverage of pregnant women with HIV testing and maintain high average 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 programs 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.

Prevention of Mother to Child Transmission

- HIV testing: 85%
- On HAART: 20%

Adolescent Girls and Young Women

- Required contact coverage: 92%

Key Population

- Voluntary Medical Male Circumcision: Key Population networks;
- Pre-Exposure Prophylaxis: Priority and vulnerable population networks;
- Antiretroviral Therapy: General population networks

Education

113,428 girls enrolled in public primary school
32,920 girls enrolled in public secondary school
71% drop

Experience of Violence

94.1% adult men (15-64 yrs) circumcised

Circumcision

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

4A global benchmark value of approximately 0.03 is used as a threshold competing the replacement level for the infection (Ghys et al., PLoS Med, 2019).
THE STATE OF HIV PREVENTION IN NAKURU 2022

Total Population¹

| 2,162,202 | 1,077,272 | 1,084,835 |

Sex Ratio

| 993 | 1000 |

HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9 / 1000 population</td>
<td>1,496</td>
</tr>
</tbody>
</table>

HIV prevalence 3.5%

| 2.1% | 4.6% |

Incidence - prevalence ratio (IPR) 0.03

20% reduction in IPR will avert 1,391 new infections²

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

Key Population Size Estimates¹

| 17,708 | 2,706 | 9 | 82 |
| Female Sex Worker | Men who have sex with men | People who inject drugs | Transgender population |

Epidemic Typology

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

Sexual Debut and Condom Use

| 32.1% | 41.4% |

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

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

Teenage Pregnancies

11,469 girls (10-19 yrs) pregnant at 1st ANC visit

62% drop

Sexual debut and condom use

Education

184,999 girls enrolled in public primary school

71,221 girls enrolled in public secondary school

Experience of Violence

13% of women (15-64 years) experienced physical/sexual violence

Circumcision

92.5% adult men (15-64 years) circumcised

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

Prevention of Mother to Child Transmission

<table>
<thead>
<tr>
<th>HIV testing</th>
<th>On HAART</th>
</tr>
</thead>
<tbody>
<tr>
<td>6%</td>
<td>6%</td>
</tr>
</tbody>
</table>

Adolescent Girls and Young Women

<table>
<thead>
<tr>
<th>Required HIV testing coverage</th>
<th>Required Condom coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>46%</td>
<td>60%</td>
</tr>
</tbody>
</table>

Key Population

<table>
<thead>
<tr>
<th>Required HIV testing coverage</th>
<th>Required Condom coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Voice of the People

6,499 people initiated on oral PrEP

Programme Coverage

<table>
<thead>
<tr>
<th>Total Population¹</th>
<th>2,162,202</th>
<th>1,077,272</th>
<th>1,084,835</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sex Ratio</td>
<td>993</td>
<td>1000</td>
<td></td>
</tr>
</tbody>
</table>

Preventive measures

PREVENTION OF MOTHER TO CHILD TRANSMISSION

ADOLESCENT GIRLS AND YOUNG WOMEN

KEY POPULATION

VOLUNTARY MEDICAL MALE CIRCUMCISION

PRE-EXPOSURE PROPHYLAXIS

ANTIRETROVIRAL THERAPY

Prevention of mother to child transmission

100% 99% 98% 96% 96%

Adolescent Girls and Young Women

Required HIV testing coverage Required Condom coverage

Required HIV testing coverage Required Condom coverage

Required HIV testing coverage Required Condom coverage

Required HIV testing coverage Required Condom coverage

Required HIV testing coverage Required Condom coverage

Required HIV testing coverage Required Condom coverage

6,499 people initiated on oral PrEP

Prevention programmes

- Prevention of mother to child transmission
- Adolescent Girls and Young Women
- Key Population
- Voluntary Medical Male Circumcision
- PrEP
- Antiretroviral Therapy

Prevention of mother to child transmission


*National Syndemic Disease Control Council (NASCOP), HIV estimates, 2020

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, 2012). Prevalence of violence is used as a proxy for the replacement level (IPR) due to shared networks and transmission of HIV (IPR 2). The IPR is considered to be 0.03 to indicate high risk sexual or needle sharing contact between individuals.
THE STATE OF HIV PREVENTION IN NANDI 2022

HIV incidence and prevalence among adults aged 15+

- **HIV incidence**: 0.8 / 1000 population
- **HIV prevalence**: 2.8%

<table>
<thead>
<tr>
<th>Key Population Size Estimates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,957 Female Sex Worker</td>
</tr>
<tr>
<td>514 Men who have sex with men</td>
</tr>
<tr>
<td>661 People who inject drugs</td>
</tr>
</tbody>
</table>

- Estimated new infections: 555
- Incidence - prevalence ratio (IPR): 0.03
- 35.1% of men and women aged 15-64 years received an HIV test within the last 12 months

Epidemic Typology

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

Sexual Debut and Condom Use

- Older adolescents and young adults had sexual intercourse before the age of 15 years: 24.5%
- Had sex with a non-marital, non-cohabiting partner: 44.5%
- Used a condom at last sex with a non-marital, non-cohabiting partner: 57%

Teenage Pregnancies

- 5,781 girls (10-19 yrs) pregnant at 1st ANC visit

Education

- 99,734 girls enrolled in public primary school
- 37,783 girls enrolled in public secondary school
- Drop: 62%

Experience of Violence

- 16% women (15-64 yrs) experienced physical/sexual violence

Circumcision

- 90.5% adult men (15-64 yrs) circumcised

Programme Coverage

- **PREVENTION OF MOTHER TO CHILD TRANSMISSION**
- **ADOLESCENT GIRLS AND YOUNG WOMEN**
- **KEY POPULATION**
- **VOLUNTARY MEDICAL MALE CIRCUMCISION**
- **PRE-EXPOSURE PROPHYLAXIS**
- **ANTIRETROVIRAL THERAPY**

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

- [National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022](#)
- [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).](#)
- [National Syndemic Disease Control Council (NSDCC). HIV Epidemic Appraisal, 2020.](#)
- [Ministry of Education, 2019](#)
THE STATE OF HIV PREVENTION IN NAROK 2022

<table>
<thead>
<tr>
<th>Total Population</th>
<th>Men</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,157,873</td>
<td>579,042</td>
<td>578,805</td>
</tr>
</tbody>
</table>

Sex Ratio 1000

**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

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

**Key Population Size Estimates**
- Female Sex Worker: 3,107
- Men who have sex with man: 704
- People who inject drugs: 403
- Transgender population: 11

**HIV incidence and prevalence among adults aged 15+**
- HIV incidence: 0.9/1000 population
- HIV prevalence: 2.9%
- Incidence - prevalence ratio (IPR): 0.03
- 20% reduction in IPR will avert 671 new infections

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

**Sexual Debut and Condom Use**
- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 23.7%
- 24.3%
- 10.5%
- 58.7%

**Teenage Pregnancies**
- 13,593 girls (10-19 yrs) pregnant at 1st ANC visit
- 31% girls and women who attended ANC

**Education**
- 132,198 girls enrolled in primary school
- 21,485 girls enrolled in public secondary school
- 84% drop

**Circumcision**
- 86.8% adult men (15-64 yrs) circumcised

**Experience of Violence**
- 13% women (15-64 yrs) experienced physical/sexual violence

**Programme Coverage**

<table>
<thead>
<tr>
<th>Programme</th>
<th>HIV testing</th>
<th>On HAART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required coverage</td>
<td>Required coverage</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>58</td>
<td></td>
</tr>
</tbody>
</table>

**Experience of Violence**
- National Syndemic Disease Control Council (NSDCC). HIV estimates, 2020
- A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection
- Ministry of Health, 2021
- National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2020
- National AIDS and STI Control Programme (NASCOP), KIISS data December 2021, Nairobi, NASCOP, 2021
- Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN NYAMIRA 2022

**HIV incidence and prevalence among adults aged 15+**

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9 /1000 population</td>
<td>391</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HIV prevalence</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7%</td>
<td></td>
</tr>
</tbody>
</table>

**Incidence - prevalence ratio (IPR)**

<table>
<thead>
<tr>
<th>IPR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.03</td>
<td></td>
</tr>
</tbody>
</table>

20% reduction in IPR will avert 361 new infections

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

**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

**Recommended actions**

- 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

**Experience of Violence**

21% women (15-64 years) experienced physical/sexual violence

**Teenage Pregnancies**

4,446 girls (10-19 yrs) pregnant at 1st ANC visit

Accounts for 24% girls and women who attended ANC

**Sexual Debut and Condom Use**

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 31.8% had sex with a non-marital, non-cohabiting partner
- 20.8% used a condom at last sex with a non-marital, non-cohabiting partner
- 56.5%

**Circumcision**

97.6% adult men (15-64 years) circumcised

**Key Population Size Estimates**

- Female Sex Worker: 1,999
- Men who have sex with men: 193
- People who inject drugs: 654

**Programme Coverage**

**HIV testing on HAART**

- Required Contact coverage 100%
- Required Contact coverage 100%
- Required Contact coverage 100%

**Voluntary Medical Male Circumcision**

- 235 people initiated on oral PrEP
- People Living with HIV (in years of experience)

**REFERENCES**

2. National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
3. 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).
8. Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN NYANDARUA 2022

**HIV incidence and prevalence among adults aged 15+**

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3/1000 population</td>
<td>137</td>
</tr>
</tbody>
</table>

**HIV prevalence**

| 2.0% |

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

**Sexual Debut and Condom Use**

- Older adolescents and young adults had sexual intercourse before the age of 15 years.
- 34.1% had sex with a non-marital, non-cohabiting partner.
- 41.1% used a condom at last sex with a non-marital, non-cohabiting partner.

**Teensage Pregnancies**

- 2,497 girls (10-19 yrs) pregnant at 1st ANC visit.
- 16% girls and women who attended ANC.

**Education**

- 55,706 girls enrolled in public primary school.
- 30,491 girls enrolled in public secondary school.
- 45% drop in attendance.

**Experience of Violence**

- 21% women (15-64 years) experienced physical/sexual violence.

**Circumcision**

96% adult men (15-64 years) circumcised.

**Programme Coverage**

- **Prevention of Mother to Child Transmission**
  - 98% Initiated PMTCT service.
  - 90% of HIV seropositive women.
  - 80% at last ANC.

- **Adolescent Girls and Young Women**
  - 70% Contact coverage.
  - 0% Contact coverage.

- **Key Population**
  - 100% Contact coverage.
  - 100% Contact coverage.

- **Voluntary Medical Male Circumcision**
  - 710 people initiated on oral PrEP.
  - Planned Contact coverage.

- **Pre-Exposure Prophylaxis**
  - 0%

- **Antiretroviral Therapy**
  - 100%

**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.

---

**Notes**

2. National Syndemic Disease Control Council (NSDCC). HIV estimates, 2020
3. A global benchmark value of approximately 0.03 is used as a threshold accompanying the replacement level for the infection (Ghys et al., PLoS Med, 2018).
THE STATE OF HIV PREVENTION IN NYERI 2022

HIV incidence and prevalence among adults aged 15+

- HIV incidence: 0.3/1000 population
- HIV prevalence: 3%

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

Incidence - prevalence ratio (IPR): 0.01

20% reduction in IPR will avert 188 new infections

Key Population Size Estimates

- Female Sex Worker: 1,317
- Men who have sex with men: 406

Epidemic Typology

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

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

Sexual Debut and Condom Use

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 36.5% used a condom at last sex with a non-marital, non-cohabiting partner
- 57.2% used a condom at last sex with a non-marital, non-cohabiting partner

Teenage Pregnancies

1,898 girls (10-19 yrs) pregnant at 1st ANC visit

- Accounts for 17% of girls and women who attended ANC

Education

48,502 girls enrolled in primary school
36,678 girls enrolled in secondary school
24% drop

Experience of Violence

95.3% adult men (15-64 years) circumcised

17% women (15-64 years) experienced physical/sexual violence

Circumcision

- 36.5% older adolescents and young adults had sexual intercourse before the age of 15 years

Programme Coverage

- National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
- 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).
- National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
- Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN SAMBURU 2022

HIV incidence and prevalence among adults aged 15+

- **HIV incidence**: 1.5/1000 population
- **Estimated new infections**: 307
- **HIV prevalence**: 4.6%

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

**Key Population Size Estimates**

- **1,500**: Female Sex Worker
- **150**: Men who have sex with men
- **488**: People who inject drugs

**Epidemic Typology**

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

**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.

**Sexual Debut and Condom Use**

- **38.9%**: older adolescents and young adults had sexual intercourse before the age of 15 years.
- **25.3%**: had sex with a non-marital, non-cohabiting partner.

**Circumcision**

- **89.8%**: adult men (15-64 years) circumcised.

**Teenage Pregnancies**

- **4,201**: girls (10-19 yrs) pregnant at 1st ANC visit.

**Experience of Violence**

- **3%**: women (15-64 years) experienced physical/sexual violence.

**Condom Use**

- **No data**.

**Experience of Violence**

- **3%**: women (15-64 years) experienced physical/sexual violence.

**Prevention of Mother to Child Transmission**

- **271**: New infections averted with 20% reduction in IPR.
- **Estimated new infections**: 307

**Experience of Violence**

- **3%**: women (15-64 years) experienced physical/sexual violence.

**Condom Use**

- **No data**.

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.

**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.
THE STATE OF HIV PREVENTION IN SIAYA 2022

Total Population1  993,183
Sex Ratio  904/1000

HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.6/1000 population</td>
<td>2,180</td>
</tr>
</tbody>
</table>

HIV prevalence 14.1%

Incidence - prevalence ratio (IPR) 0.03

20% reduction in IPR will avert 1,552 new infections

70.4% of men and women aged 15-64 years received an HIV test within the last 12 months

Key Population Size Estimates1

- Female Sex Worker: 3,724
- Men who have sex with men: 593
- People who inject drugs: 567
- Transgender population: 73

Epidemic Typology2

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

Sexual debut and Condom Use3

- Older adolescents and young adults had sexual intercourse before the age of 15 years: 27.8%
- Had sex with a non-marital, non-cohabiting partner: 44.3%
- 44.3% of girls and women aged 15-64 years experienced physical/sexual violence
- Used a condom at last sex with a non-marital, non-cohabiting partner: 57.8%

Teenage Pregnancies

7,161 girls (10-19 yrs) pregnant at 1st ANC visit

Education4

124,400 girls enrolled in public primary school

46,517 girls enrolled in public secondary school

Experience of Violence5

61.2% adult men (15-64 yrs) circumcised

30% women (15-64 yrs) experienced physical/sexual violence

Circumcision6

Programme Coverage7

- Prevention of Mother to Child Transmission
- Adolescent Girls and Young Women
- Key Population
- Voluntary Medical Male Circumcision
- Pre-exposure Prophylaxis
- Antiretroviral Therapy

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

2National Syndemic Diseases Control Council (NSCDC). HIV estimates, 2020
3A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2019).
7National Syndemic Diseases Control Council (NSCDC). HIV Epidemic Appraisal, 2020
9Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN TAITA TAVETA 2022

**Total Population**
- 340,671
- 173,337
- 167,327
- Sex Ratio: 1.036

**HIV incidence and prevalence among adults aged 15+**
- **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**

**36.2% of men and women aged 15-64 years received an HIV test within the last 12 months**

**Key Population Size Estimates**
- **Female Sex Worker**: 1,843
- **Men who have sex with men**: 219
- **People who inject drugs**: 514
- **Transgender population**: 15

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

**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

**Teenage Pregnancies**
- 1,421 girls (10-19 yrs) pregnant at 1st ANC visit

**Experience of Violence**
- 16% women (15-64 yrs) experienced physical/sexual violence

**Education**
- 29,090 girls enrolled in primary school
- 11,981 girls enrolled in public secondary school
- 59% drop

**Circumcision**
- 99.6% adult men (15-64 yrs) circumcised

**Teenage Pregnancy**
- 13.5% of girls (10-19 yrs) pregnant

**Sexual Debut and Condom Use**
- 15% of girls and women who attended ANC had sex with a non-marital, non-cohabiting partner
- 52.6% of girls and women who attended ANC used a condom at last sex with a non-marital, non-cohabiting partner

**Programme Coverage**
- **HIV testing**: 88% required coverage, 78% achieved coverage
- **On HAART**: 88% required coverage, 88% achieved coverage

**Prevention of Mother to Child Transmission**

**Prevention of HIV Transmission**
- **Voluntary Medical Male Circumcision**
- **Pre-exposure Prophylaxis**
- **Antiretroviral Therapy**

**Experience of Violence**
- 15% of girls and women experienced physical/sexual violence

**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

**Notes**
- National Syndemic Disease Control Council (NASCOP), HIV estimates, 2020: A global benchmark value of approximately 0.03 is used as a threshold concerning the replacement level for the infection (Ghys et al., PLoS Med. 2019)
- National AIDS and STI Control Programme (NASCOP). HIV Epidemic Appraisal, 2020
- National AIDS and STI Control Programme (NASCOP), Kenya, 2020
- Ministry of Education, 2019
- Ministry of Education, 2019
The State of HIV Prevention in Tana River 2022

### HIV Incidence and Prevalence

**HIV Incidence**
- Population: 315,943
- Incidence: 0.3/1000
- Estimated new infections: 65

**HIV Prevalence**
- Adult (15+): 1.1%

**HIV Testing**
- 28.3% of men and women aged 15-64 years received an HIV test within the last 12 months

### Key Population Size Estimates

- Female Sex Worker: 1,798
- Men who have sex with men: 212
- People who inject drugs: 524

### Epidemic Typology

**Concentrated**: HIV transmission is sustained by ongoing transmissions within sub-population at higher risk.

### 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

### Programme Coverage

- **HIV Testing**
  - On HAART
  - Required coverage: 43%
  - Contact coverage: 40%
- **Adelescent Girls and Young Women**
  - Required coverage: 46%
  - Contact coverage: 42%
- **Key Population**
  - Required coverage: 35%
  - Contact coverage: 20%
- **Voluntary Medical Male Circumcision**
  - Required coverage: 35%
  - Contact coverage: 20%
- **Pre-Exposure Prophylaxis**
  - Required coverage: 35%
  - Contact coverage: 20%
- **Antiretroviral Therapy**
  - Required coverage: 35%
  - Contact coverage: 20%

### Experience of Violence
- Women (15-64 years) experienced physical/sexual violence: 13%

### Condom Use
- 97.8% adult men (15-64 years) circumcised

### Circumcision
- National AIDS and STI Control Programme (NASCOP). HIV estimates, 2022
- 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).
- National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
- National AIDS and STI Control Programme (NASCOP). HIV Epidemic Appraisal, 2022
- Ministry of Education, 2019

### Prevention of Mother to Child Transmission
- 20% reduction in IPR will avert 64 new infections

### Sexual Debut and Condom Use
- Older adolescents and young adults had sexual intercourse before the age of 15 years: 27.3%

### Education
- 25,196 girls enrolled in public primary school
- 4,805 girls enrolled in public secondary school

### Teenage Pregnancies
- 4,712 girls (10-19 yrs) pregnant at 1st ANC visit

### Experience of Violence
- 13% women (15-64 years) experienced physical/sexual violence
THE STATE OF HIV PREVENTION IN THARAKA-NITHI 2022

HIV incidence and prevalence among adults aged 15+

HIV incidence 0.6 / 1,000 population

HIV prevalence 2.5%

HIV Testing

32.7% of men and women aged 15-64 years received an HIV test within the last 12 months

Key Population Size Estimates

2,594 Female Sex Worker
219 Man who have sex with men
568 People who inject drugs
15 Transgender population

Epidemic Typology

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

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

Sexual Debut and Condom Use

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

Teenage Pregnancies

Accounts for 23% girls and women who attended ANC

Education

42,256 girls enrolled in public primary school
23,065 girls enrolled in public secondary school

Experience of Violence

23% women (15-64 years) experienced physical/sexual violence

Circumcision

91.5% adult men (15-64 years) circumcised

Programme Coverage

Prevention of Mother to Child Transmission

Voluntary Medical Male Circumcision

Pre-exposure Prophylaxis

Antiretroviral Therapy

Prevention of Mother to Child Transmission

ADOLESCENT GIRLS AND YOUNG WOMEN

KEY POPULATION

42.8% 36% 45.5% 894 people initiated on oral PrEP

80 70 60 50 40 30 20 10 0

80 70 60 50 40 30 20 10 0

80 70 60 50 40 30 20 10 0

0 20 40 60 80

National Syndemic Disease Control Council (NSDCC). HIV estimates, 2020
A global benchmark value of approximately 0.03 is used as a threshold concerning the replacement level for the infection (Ghys et al., PLoS Med, 2018).
National AIDS and STI Control Programme (NASCOP). Preliminary KWAMU 2018 Report, Nairobi, NASCOP. 2020
National AIDS and STI Control Programme (NASCOP). Key Population Size Estimation - Phase II Report, Nairobi, NASCOP. 2020
National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2020
National AIDS and STI Control Programme (NASCOP), KHS data December 2021, Nairobi, NASCOP. 2021
Ministry of Education, 2019
THE STATE OF HIV PREVENTION IN TRANS NZOI A 2022

### HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 / 1000 population</td>
<td>709</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HIV prevalence</th>
<th>Incidence - prevalence ratio (IPR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.4%</td>
<td>0.03</td>
</tr>
</tbody>
</table>

37.5% of men and women aged 15-64 years received an HIV test within the last 12 months.

### Key Population Size Estimates

- **Female Sex Worker**: 3,147
- **Men who have sex with men**: 1,114
- **People who inject drugs**: 180

### Epidemic Typology

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

### Prevention Priorities

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

### Data Sources

4. Ministry of Education, 2019
8. National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
10. National Syndemic Disease Control Council (NSDCC), HIV estimates, 2020

### Sexual Debut and Condom Use

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- HIV infected 21%

### Experience of Violence

- 25% women (15-64 years) experienced physical/sexual violence

### Circumcision

- 97.8% adult men (15-64 years) circumcised

### Programme Coverage

- **HIV testing**: On HAART 86%, Required Contact coverage 66%
- **Voluntary Medical Male Circumcision**: Required Contact coverage 1469
- **Pre-exposure prophylaxis (PrEP)**: Required Contact coverage 0

### Education

- 108,075 girls enrolled in public primary school
- 43,302 girls enrolled in public secondary school
- 26% drop

### Teenage Pregnancies

- 7,413 girls (10-19 yrs) pregnant at 1st ANC visit
- 22% accounts for girls who attended ANC

### Experience of Violence

- 25% women (15-64 years) experienced physical/sexual violence
## THE STATE OF HIV PREVENTION IN TURKANA 2022

### Key Populations Size Estimates

<table>
<thead>
<tr>
<th>Key Population</th>
<th>Size Estimates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female Sex Worker</td>
<td>3,722</td>
</tr>
<tr>
<td>Men who have sex with men</td>
<td>515</td>
</tr>
<tr>
<td>People who inject drugs</td>
<td>609</td>
</tr>
<tr>
<td>Transgender population</td>
<td>173</td>
</tr>
</tbody>
</table>

### HIV Incidence and Prevalence among Adults Aged 15+

<table>
<thead>
<tr>
<th>HIV Incidence</th>
<th>Estimated New Infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0/1000</td>
<td>665</td>
</tr>
</tbody>
</table>

| HIV Prevalence | 3.1% |

- **Incidence - Prevalence Ratio (IPR)**: 0.03
- **20% reduction in IPR will avert 611 new infections**
- **53.9%** of men and women aged 15-64 years received an HIV test within the last 12 months.

### Prevention Priorities

- Scale up HIV testing among priority populations.
- Maintain high coverage of pregnant women who are HIV tested and scale up 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 transgendered 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.

### Sexual Debut and Condom Use

- **24.9%** of older adolescents and young adults had sexual intercourse before the age of 15 years.
- **38.1%** of people who were sexually debut had sex with a non-marital, non-cohabiting partner.
- **17.8%** of people who were sexually debut used a condom at last sex with a non-marital, non-cohabiting partner.

### Teenage Pregnancies

- **6,973 girls** (10-19 yrs) pregnant at 1st ANC visit.

### Education

- **71,208 girls** enrolled in public primary school.
- **12,067 girls** enrolled in public secondary school.
- **83%** drop.

### Experience of Violence

- **5%** women (15-64 yrs) experienced physical/sexual violence.

### Programme Coverage

- **HIV Testing**
  - On HAART: 96%
  - Required Contact Coverage: 100%
  - End-HAART Impact: 99%
- **VOLUNTARY MEDICAL MALE CIRCUMCISION**
  - People Living with HIV virally suppressed: 99%
  - Contact Coverage: 100%
- **PRE-EXPOSURE PROPHYLAXIS**
  - People initiating oral PrEP: 66%
- **PREVENTION OF MOTHER TO CHILD TRANSMISSION**
  - Dedicated to PMTCT: 96%
  - Desired Coverage: 100%
  - Required Contact Coverage: 100%
- **ADOLESCENT GIRLS AND YOUNG WOMEN**
  - Dedicated to PMTCT: 96%
  - Desired Coverage: 100%
  - Required Contact Coverage: 100%

### Experience of Violence

- **2021 Kenyan Census**
- **2019 Kenya National Bureau of Statistics**
- **2020 National AIDS and STI Control Programme (NASCOP)**
- **2018 National AIDS and STI Control Programme (NASCOP)**

---

**Epidemic Typology**

**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 populations
- General population networks
# The State of HIV Prevention in Uasin Gishu 2022

## Key Population Size Estimates

<table>
<thead>
<tr>
<th>Key Population</th>
<th>Size Estimates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female Sex Worker</td>
<td>2,886</td>
</tr>
<tr>
<td>Men who have sex with men</td>
<td>1,693</td>
</tr>
<tr>
<td>People who inject drugs</td>
<td>676</td>
</tr>
<tr>
<td>Transgender population</td>
<td>41</td>
</tr>
</tbody>
</table>

## HIV Incidence and Prevalence among Adults Aged 15+

- **HIV incidence (IRR)**: 1.2/1000 population
- **HIV prevalence (IPR)**: 4.0%
- **HIV incidence - prevalence ratio (IPR)**: 0.03

**Incidence of new infections**: 1,048

- HIV tested within 1 year of last sex: 2.5%
- HIV tested within 12 months of last sex: 5.2%

**HIV incidence**

- 38.5% of men and women aged 15-64 years received an HIV test within the last 12 months

## Preventive 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 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

## Prevention of Mother to Child Transmission

- **HIV testing**
  - Estimated pregravid women tested for HIV: 96%
  - Women who tested positive on HAART: 94%
- **On HAART**
  - Key population: 96%
  - Key population: 100%
  - Key population: 100%
  - Key population: 100%

## Programme Coverage

<table>
<thead>
<tr>
<th>Programme</th>
<th>Required Coverage</th>
<th>Reached Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV testing On HAART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adoloshent Girls and Young Women</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key Population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voluntary Male Circumcision</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-exposure Prophylaxis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antiretroviral Therapy</td>
<td>1589 people initiated on oral PrEP</td>
<td></td>
</tr>
</tbody>
</table>

## Teenage Pregnancies

- **5,258** girls (10-19 yrs) pregnant at 1st ANC visit

## Sexual Debut and Condom Use

- **17.2%** 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
- **27.3%** used a condom at last sex with a non-marital, non-cohabiting partner

## Education

- **82,998** girls enrolled in public primary school
- **29,181** girls enrolled in public secondary school
- **65%** drop out

## Experience of Violence

- **16%** women (15-64 yrs) experienced physical/sexual violence

## Circumcision

- **95.5%** adult men (15-64 yrs) circumcised

## Experience of Violence

- **16%** women (15-64 yrs) experienced physical/sexual violence

## Conclusion

- HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.
**THE STATE OF HIV PREVENTION IN VIHIGA 2022**

**Total Population**
- 590,013
- 283,678
- 306,323
- Sex Ratio: 926 / 1000

**HIV incidence and prevalence among adults aged 15+**

- **HIV incidence**
  - 1.0 / 1000 population
- **Estimated new infections**
  - 434

- **HIV prevalence**
  - 4.6%
- **Incidence - prevalence ratio (IPR)**
  - 0.02

**Programme Coverage**

- **HIV testing**
  - 88%
- **On HAART**
  - 68%

**Key Population Size Estimates**

- **Female Sex Worker**
  - 1,940
- **Man who have sex with man**
  - 203
- **People who inject drugs**
  - 407
- **Transgender population**
  - 40

**Epidemic Typology**

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

**Sexual Debut and Condom Use**

- **20.1%** older adolescents and young adults had sexual intercourse before the age of 15 years
- **41.5%** had sex with a non-marital, non-cohabiting partner
- **24.8%** used a condom at last sex with a non-marital, non-cohabiting partner

**Teenage Pregnancies**

- 4,674 girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for **27%** girls and women who attended ANC

**Education**

- 76,513 girls enrolled in primary school
- 30,563 girls enrolled in public secondary school

**Experience of Violence**

- **22%** women (15-64 years) experienced physical/sexual violence

**Prevention Priorities**

- Scale up HIV testing among priority populations
- 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

**Notes**

- National AIDS and STI Control Programme (NASCOP). Preliminary Epidemiological Appraisal, 2022
- National AIDS and STI Control Programme (NASCOP). HIV Estimates, 2022
- Ministry of Education, 2019
- National Sydemic Diseases Control Council (NSCDC). HIV Epidemic Appraisal, 2022
- National AIDS and STI Control Programme (NASCOP). Key Population Estimates, 2022
THE STATE OF HIV PREVENTION IN WAJIR 2022

HIV incidence and prevalence among adults aged 15+

<table>
<thead>
<tr>
<th>HIV incidence</th>
<th>Estimated new infections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0 / 1,000 population</td>
<td>27</td>
</tr>
</tbody>
</table>

HIV prevalence 0.2%

Incidence - prevalence ratio (IPR) 0.01

20% reduction in IPR will avert 27 new infections

14.1% of men and women aged 15-64 years received an HIV test within the last 12 months

Key Population Size Estimates

Female Sex Worker 3,139

Men who have sex with men 860

Epidemic Typology

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

Sexual Debut and Condom Use

14% of older adolescents and young adults had sexual intercourse before the age of 15 years

Condom Use: No data

97.5% adult men (15-64 years) circumcised

Experience of Violence

5% women (15-64 years) experienced physical/sexual violence

Teenage Pregnancies

3,253 girls (10-19 yrs) pregnant at 1st ANC visit

Accounts for 17% girls and women who attended ANC

Girls enrolled in public primary school 26,223

Girls enrolled in public secondary school 11,438

56% drop

Circumcision

Education

Girls initiated on oral PrEP

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

Other networks

Key population networks

Priority and vulnerable population networks

General population networks

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

Programme Coverage

Prevention of Mother to Child Transmission

Adolescent girls and young women

Key Population

Voluntary Medical Male Circumcision

Pre-exposure Prophylaxis

Antiretroviral Therapy

Sex Ratio 1,135 / 1,000

Total Population 781,263

145,374

365,840

Sex Ratio 1,135 / 1,000

1National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
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).
5National Sydemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
7National AIDS and STI Control Programme (NASCOP), KHIS data December 2021. Nairobi: NASCOP, 2021
8Ministry of Education, 2019
HIV incidence and prevalence among adults aged 15+:

- HIV incidence: 0.3/1,000 population
- HIV prevalence: 0.8%

Incidence - prevalence ratio (IPR): 0.04

20% reduction in IPR will avert 123 new infections

29.2% of men and women aged 15-64 years received an HIV test within the last 12 months

 Sexual Debut and Condom Use:

- Older adolescents and young adults had sexual intercourse before the age of 15 years
- 40% had sex with a non-marital, non-cohabiting partner
- 13.5% used a condom at last sex with a non-marital, non-cohabiting partner

Teenage Pregnancies:

- 9,111 girls (10-19 yrs) pregnant at 1st ANC visit
- Accounts for 29% girls and women who attended ANC

Experience of Violence:

- 13% women (15-64 yrs) experienced physical/sexual violence

Programme Coverage:

- Prevention of Mother to Child Transmission
- Adolescent Girls and Young Women
- Key Population
- Voluntary Medical Male Circumcision
- Pre-Exposure Prophylaxis
- Antiretroviral Therapy

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 dropout to improve access to prevention services

Epidemic Typology:

- Concentrated: HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key Population Size Estimates:

- Female Sex Worker: 2,304
- Men who have sex with men: 281
- People who inject drugs: 617

Experience of Violence:

- National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022
- 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).
- National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022
- National AIDS and STI Control Programme (NASCOP), KHIS data December 2021. Nairobi: NASCOP; 2021
- Ministry of Education, 2019