



Manicaland HIV/STD Prevention Project

Epidemic Status Report 2023

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SELBORNE AND ALL SURROUNDING AREAS

INTRODUCTION

Round 7 was carried out from July 2018 to October 2019, round 8 was carried out from February 2021 to July 2021 (i.e. during the worst of the Covid-19 pandemic), and round 9 was carried out from July 2022 to December 2022 (i.e. as Covid-19 became less severe due to vaccinations and emergence of less deadly variants of the virus). This report compares the main results on local patterns of HIV infection, sexually transmitted diseases (STDs), knowledge and awareness of HIV, and sexual and health-seeking behaviour between the 3 rounds. In rounds 8 and 9, extra questions were added about the Covid 19 virus. For these two rounds, HIV prevalence estimates are based on self-reports for new survey participants and for those who were uninfected in the last round in which they participated.

AREAS COVERED

The survey covered the following areas Arcadia, Bulwark, Sawmill, Village 4, chainsaw, Harvest, Maintenance, Reenen, Nyakupinga, Gwiiriri, Munyuku and Nyangani. In rounds 7, 8 and 9 of the survey, the numbers of adults who participated were 1,378, 984 and 1,187 respectively. These numbers fluctuated due to changes in migration and changes in survey eligibility criteria.

KEY RESULTS

- 10% men and 12% women were infected with HIV in round 9 (July-December 2022)
- In all three rounds of the survey, HIV prevalence has been higher in men and women who report having had larger numbers of sexual partners in their lifetime
- Big increases were found between round 8 ('during Covid-19') and round 9 ('as Covid-19 eased') in the proportions of men and women who reported having had a Covid-19 test, having tested and received a positive result, and having been vaccinated against Covid-19
- Whilst more people in round 9 than in round 8 said they had *ever* been in contact with someone who had Covid-19, fewer people said they were at risk of getting infected themselves in the future
- The proportion of young women (aged 15-19yrs) who reported having started sex increased considerably from 39% in round 7 ('before Covid-19') to 57% in round 8 ('during Covid-19') but fell to 37% in round 9 ('as Covid-19 eased')
- Amongst women with a recent non-regular partner, the proportion reporting unprotected sex with this partner was high throughout: 90% in round 7 ('before Covid-19'), 82% in round 8 ('during Covid-19'), and 83% in round 9 ('as Covid-19 eased'). The proportion of these women reporting using pre-exposure prophylaxis (PrEP) increased from 1% in round 7 ('before Covid-19') to 8% in round 8 ('during Covid-19') and to 23% in round 9 ('as Covid-19 eased')
- Fewer men had more than one sexual partner in the last month in round 8 (4.1% 'during Covid-19') than in round 7 (5.8% 'before Covid-19'). The proportion rebounded to 5.8% in round 9 ('as Covid-19 eased')
- Levels of HIV testing in this site were a little higher during Covid-19 than before and after Covid-19
- The proportions of people living with HIV who reported being on ART did not reduce during Covid-19

Ages 15+years

| 1. HIV PREVALENCE | MALES | | | | | | | | | FEMALES | | | | | | | | | | | | | |
|--|-------------------------------|-------------|------|-------------------------------|-------------|------|-------------------------------|----------|-------------|-------------------------------|-------|----------|--------------------------------|-------|----------|--------------------------------|-------|---|----------|-------------|-------|---|--|
| | Round 7 July 2018-Oct 2019 | | | Round 8 Feb 2021-July 2021 | | | Round 9 July 2022-Dec 2022 | | | Round 7 July 2018-Oct 2019 | | | Round 8 Feb 2021- July 2021 | | | Round 9 July 2022- Dec 2022 | | | | | | | |
| | HIV+ people | Total | % | HIV+ people | Total | % | HIV+ people | Total | % | HIV+ people | Total | % | HIV+ people | Total | % | HIV+ people | Total | % | | | | | |
| 1.1 All Participants | 59 | 728 | 8% | 46 | 470 | 10% | ▲ | 50 | 488 | 10% | ▲ | 72 | 628 | 11% | 75 | 508 | 15% | ▲ | 75 | 628 | 11.9% | ▼ | |
| 1.2 Age Group | | | | | | | | | | | | | | | | | | | | | | | |
| 15-19 | 6 | 186 | 3% | 6 | 162 | 4% | ▲ | 0 | 74 | 0% | ▼ | 4 | 175 | 2% | 9 | 138 | 7% | ▲ | 2 | 73 | 3% | ▼ | |
| 20-24 | 4 | 164 | 2% | 0 | 0 | | ▼ | 1 | 54 | 2% | ▲ | 5 | 114 | 4% | 0 | 0 | | ▼ | 4 | 92 | 4% | ▲ | |
| 25-34 | 8 | 139 | 6% | 5 | 83 | 6% | ▲ | 4 | 91 | 4% | ▼ | 12 | 101 | 12% | 8 | 108 | 7% | ▼ | 10 | 118 | 8% | ▲ | |
| 35-44 | 17 | 95 | 18% | 10 | 83 | 12% | ▼ | 9 | 88 | 10% | ▼ | 28 | 108 | 26% | 25 | 102 | 25% | ▼ | 25 | 140 | 18% | ▼ | |
| 45-54 | 17 | 60 | 28% | 17 | 68 | 25% | ▼ | 25 | 89 | 28% | ▲ | 20 | 85 | 24% | 27 | 86 | 31% | ▲ | 23 | 108 | 21% | ▼ | |
| 55+ | 5 | 54 | 9% | 8 | 74 | 11% | ▲ | 11 | 92 | 12% | ▲ | 6 | 76 | 8% | 6 | 74 | 8% | ▲ | 11 | 97 | 11% | ▲ | |
| 1.4 Marital Status | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4.1 Single | 8 | 310 | 3% | 4 | 136 | 3% | ▲ | 1 | 127 | 1% | ▼ | 11 | 162 | 7% | 6 | 81 | 7% | ▲ | 3 | 66 | 5% | ▼ | |
| 1.4.2 Married | 47 | 399 | 12% | 33 | 302 | 11% | ▼ | 43 | 328 | 13% | ▲ | 39 | 402 | 10% | 38 | 304 | 13% | ▲ | 45 | 410 | 11% | ▼ | |
| 1.4.3 Divorced/separated/widowed | 8 | 40 | 20% | 9 | 32 | 28% | ▲ | 6 | 33 | 18% | ▼ | 29 | 122 | 24% | 31 | 123 | 25% | ▲ | 27 | 152 | 18% | ▼ | |
| 1.4.4 In non-polygynous union | 44 | 378 | 12% | 34 | 427 | 8% | ▼ | 40 | 307 | 13% | ▲ | 39 | 399 | 10% | 44 | 385 | 11% | ▲ | 44 | 407 | 11% | ▼ | |
| 1.4.5 In polygynous union | 3 | 20 | 15% | 3 | 11 | 27% | ▲ | 3 | 21 | 14% | ▼ | 0 | 0 | | 0 | 0 | | — | 1 | 3 | 33% | ▲ | |
| 1.5 Education | | | | | | | | | | | | | | | | | | | | | | | |
| 1.5.1 None/primary | 7 | 105 | 7% | 15 | 130 | 12% | ▲ | 9 | 94 | 10% | ▼ | 25 | 190 | 13% | 37 | 212 | 17% | ▲ | 22 | 179 | 12% | ▼ | |
| 1.5.2 Secondary/higher | 49 | 592 | 8% | 31 | 336 | 9% | ▲ | 41 | 393 | 10% | ▲ | 49 | 458 | 11% | 36 | 290 | 12% | ▲ | 51 | 444 | 11% | ▼ | |
| 1.6 Employment Status | | | | | | | | | | | | | | | | | | | | | | | |
| 1.6.1 Formal employment | 35 | 394 | 9% | 32 | 242 | 13% | ▲ | 37 | 276 | 13% | ▲ | 27 | 103 | 26% | 35 | 140 | 25% | ▼ | 45 | 347 | 13% | ▼ | |
| 1.6.2 Informal employment | 2 | 63 | 3% | 9 | 76 | 12% | ▲ | 9 | 85 | 10% | ▲ | 12 | 70 | 17% | 14 | 121 | 12% | ▼ | 15 | 118 | 13% | ▲ | |
| 1.6.3 Unemployed | 9 | 107 | 8% | 4 | 89 | 4% | ▼ | 4 | 70 | 6% | ▲ | 28 | 346 | 8% | 24 | 206 | 12% | ▲ | 19 | 228 | 8% | ▼ | |
| 1.6.4 Student | 5 | 108 | 5% | 1 | 63 | 2% | ▼ | 0 | 52 | 0% | ▼ | 4 | 101 | 4% | 2 | 41 | 5% | ▲ | 1 | 42 | 2% | ▼ | |
| 1.8 Number of Sexual Partners in life | | | | | | | | | | | | | | | | | | | | | | | |
| 1.8.1 1 | 5 | 81 | 6% | 3 | 75 | 4% | ▼ | 2 | 70 | 3% | ▼ | 19 | 310 | 6% | 25 | 277 | 9% | ▲ | 29 | 385 | 8% | ▼ | |
| 1.8.2 2-4 | 20 | 224 | 9% | 13 | 157 | 8% | ▼ | 19 | 174 | 11% | ▲ | 39 | 218 | 18% | 36 | 147 | 24% | ▲ | 38 | 173 | 22% | ▼ | |
| 1.8.3 5+ | 28 | 169 | 17% | 28 | 152 | 18% | ▲ | 29 | 173 | 17% | ▼ | 16 | 36 | 44% | 13 | 22 | 59% | ▲ | 7 | 16 | 44% | ▼ | |
| 2. QUESTIONS & ANSWERS ON KNOWLEDGE, RISK PERCEPTION & STIGMA | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2 Knowledge - Factors Thought to Increase Risk | | | | | | | | | | | | | | | | | | | | | | | |
| | 15+ years old | | | | | | | | | | | | | | | | | | | | | | |
| | Said Yes | Total Asked | % | Said Yes | Total Asked | % | | Said Yes | Total Asked | % | | Said Yes | Total Asked | % | Said Yes | Total Asked | % | | Said Yes | Total Asked | % | | |
| 2.2.1 Presence of STDs | 462 | 742 | 62% | 432 | 471 | 92% | ▲ | 467 | 521 | 90% | ▼ | 496 | 636 | 78% | 415 | 513 | 81% | ▲ | 627 | 666 | 94% | ▲ | |
| 2.2.2 Condoms | 63 | 742 | 8% | 60 | 471 | 13% | ▲ | 32 | 521 | 6% | ▼ | 44 | 636 | 7% | 19 | 513 | 4% | ▼ | 61 | 666 | 9% | ▲ | |
| 2.2.3 Withdrawal | 31 | 742 | 4% | 44 | 471 | 9% | ▲ | 26 | 521 | 5% | ▼ | 11 | 636 | 2% | 13 | 513 | 3% | ▲ | 27 | 666 | 4% | ▲ | |
| 2.3 Knowledge - Infant Infection | | | | | | | | | | | | | | | | | | | | | | | |
| 2.3.1 Infants can be infected via breastfeeding | 613 | 742 | 83% | 350 | 471 | 74% | ▼ | 449 | 521 | 86% | ▲ | 520 | 636 | 82% | 418 | 513 | 81% | ▼ | 621 | 666 | 93% | ▲ | |
| 2.3.2 All children of HIV+ women infected | 184 | 742 | 25% | 89 | 471 | 19% | ▼ | 122 | 521 | 23% | ▲ | 55 | 636 | 9% | 65 | 513 | 13% | ▲ | 85 | 666 | 13% | ▲ | |
| 2.4 Knowledge - HIV versus AIDS | | | | | | | | | | | | | | | | | | | | | | | |
| 2.4.1 HIV+ person can always be identified visually | 134 | 742 | 18% | 84 | 471 | 18% | ▼ | 162 | 521 | 31% | ▲ | 117 | 636 | 18% | 125 | 513 | 24% | ▲ | 172 | 666 | 26% | ▲ | |
| 2.5 Stigma (Kusemwa) | | | | | | | | | | | | | | | | | | | | | | | |
| 2.5.1 Willing to care for an infected relative | 644 | 742 | 87% | 449 | 471 | 95% | ▲ | 501 | 521 | 96% | ▲ | 618 | 636 | 97% | 500 | 513 | 97% | ▲ | 646 | 666 | 97% | ▼ | |
| 2.5.2 Cared for a relative with AIDS | 164 | 742 | 22% | 97 | 334 | 29% | ▲ | 201 | 445 | 45% | ▲ | 210 | 636 | 33% | 197 | 431 | 46% | ▲ | 374 | 573 | 65% | ▲ | |
| 3. SEXUAL BEHAVIOUR, STD SYMPTOMS & TREATMENT SERVICES | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1 Sexual Behaviour* | | | | | | | | | | | | | | | | | | | | | | | |
| | 15+ years old | | | | | | | | | | | | | | | | | | | | | | |
| | Said Yes | Total asked | % | Said Yes | Total asked | % | | Said Yes | Total asked | % | | Said Yes | Total asked | % | Said Yes | Total asked | % | | Said Yes | Total asked | % | | |
| 3.1.1 More than one partner in last month | 31 | 530 | 5.8% | 16 | 387 | 4.1% | ▼ | 25 | 430 | 6% | ▲ | 4 | 567 | 0.7% | 3 | 452 | 0.7% | ▼ | 4 | 594 | 0.7% | ▲ | |
| 3.1.2 One or more new partner(s) in the last year. | 112 | 431 | 26% | 109 | 357 | 31% | ▲ | 175 | 392 | 45% | ▲ | 62 | 393 | 16% | 143 | 349 | 41% | ▲ | 169 | 474 | 36% | ▼ | |
| 3.1.3 15-19s that have started sex | 15 | 189 | 8% | 81 | 162 | 50% | ▲ | 15 | 95 | 16% | ▼ | 68 | 176 | 39% | 78 | 138 | 57% | ▲ | 35 | 94 | 37% | ▼ | |
| 3.1.4 Unprotected sex with recent non regular partner** | 145 | 180 | 81% | 150 | 176 | 85% | ▲ | 9 | 23 | 39% | ▼ | 90 | 100 | 90% | 36 | 44 | 82% | ▼ | 35 | 42 | 83% | ▼ | |
| 3.1.5 Can negotiate for safer sexual relations with spouse | 162 | 413 | 39% | 68 | 254 | 27% | ▼ | 97 | 285 | 34% | ▲ | 98 | 443 | 22% | 94 | 316 | 30% | ▲ | 96 | 413 | 23% | ▼ | |
| 3.2 STD Symptoms - Last 12 Months | | | | | | | | | | | | | | | | | | | | | | | |
| 3.2.1 Genital Discharge | 6 | 712 | 1% | 4 | 397 | 1% | ▲ | 14 | 421 | 3% | ▲ | 41 | 666 | 6% | 27 | 438 | 6% | ▲ | 35 | 560 | 6% | ▲ | |
| 3.2.2 Genital sore/ulcer | 5 | 742 | 1% | 0 | 397 | 0% | ▼ | 7 | 421 | 2% | ▲ | 15 | 636 | 2% | 12 | 438 | 3% | ▲ | 9 | 560 | 2% | ▼ | |
| 4. UPTAKE OF HIV SERVICES | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1 HIV Testing | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1.1 Ever tested for HIV in life | 609 | 741 | 82% | 431 | 471 | 92% | ▲ | 488 | 521 | 94% | ▲ | 560 | 636 | 88% | 486 | 513 | 95% | ▲ | 628 | 666 | 94% | ▼ | |
| 4.1.2 Tested for HIV in the last 3 years | 460 | 741 | 62% | 366 | 471 | 78% | ▲ | 380 | 521 | 73% | ▼ | 375 | 634 | 59% | 328 | 513 | 64% | ▲ | 495 | 666 | 74% | ▲ | |
| 4.1.3 Tested for HIV in the last 6 months | 190 | 612 | 31% | 124 | 427 | 29% | ▼ | 190 | 488 | 39% | ▲ | 229 | 560 | 41% | 222 | 483 | 46% | ▲ | 217 | 628 | 35% | ▼ | |
| 4.1.4 Tested for HIV in the last 12 months | 352 | 612 | 58% | 246 | 427 | 58% | ▲ | 300 | 488 | 61% | ▲ | 387 | 560 | 69% | 370 | 483 | 77% | ▲ | 386 | 628 | 61% | ▼ | |
| 4.2 ARV Treatment | | | | | | | | | | | | | | | | | | | | | | | |
| 4.2.1 Receiving ART of those HIV+ | 33 | 41 | 80% | 31 | 31 | 100% | ▲ | 47 | 47 | 100% | — | 53 | 66 | 80% | 64 | 64 | 100% | ▲ | 73 | 73 | 100% | — | |
| 4.3 HIV prevention methods | | | | | | | | | | | | | | | | | | | | | | | |
| 4.3.1 Circumcised | 159 | 712 | 22% | 102 | 471 | 22% | ▼ | 130 | 521 | 25% | ▲ | 495 | 636 | 78% | 423 | 513 | 82% | ▲ | 580 | 666 | 87% | ▲ | |
| 4.3.2 Condom Accessibility | 658 | 742 | 89% | 395 | 471 | 84% | ▼ | 483 | 521 | 93% | ▲ | 1 | 90 | 1% | 3 | 36 | 8% | ▲ | 8 | 35 | 23% | ▲ | |
| 4.3.3 Currently using prep*** | 0 | 145 | 0% | 0 | 150 | 0% | — | 2 | 9 | 22% | ▲ | | | | | | | | | | | | |
| 5. CORONA VIRUS | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1 Risk perception | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1.1 Contact with covid 19 infected person | | | | 298 | 462 | 65% | | 112 | 521 | 21% | ▼ | | | | 203 | 492 | 41% | | 119 | 666 | 18% | ▼ | |
| 5.1.2 Vaccine coverage | | | | 10 | 471 | 2% | | 48 | 521 | 9% | ▲ | | | | 21 | 513 | 4% | | 74 | 666 | 11% | ▲ | |
| 5.1.3 Ever tested for covid | | | | 8 | 471 | 2% | | 441 | 521 | 85% | ▲ | | | | 20 | 513 | 4% | | 598 | 666 | 90% | ▲ | |
| 5.1.4 Tested with a positive result | | | | 29 | 471 | 6% | | 144 | 521 | 28% | ▲ | | | | | | | | | | | | |

SELBOURNE GRAPHS

