



# Manicaland HIV/STD Prevention Project

## Epidemic Status Report 2023

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**NYANGA AND ALL SURROUNDING AREAS**

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### 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 Nyamhuka 1 & 2 and Messengers Camp. In rounds 7, 8 and 9 of the survey, the numbers of adults who participated were 1,158, 1,172 and 1,089 respectively. These numbers fluctuated due to changes in migration and changes in survey eligibility criteria.

### KEY RESULTS

- 7% men and 11.5% 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 fell from 24% in round 7 ('before Covid-19') to 16% in round 8 ('during Covid-19') and increased slightly to 17% in round 9 ('as Covid-19 eased')
- Amongst women with a recent non-regular partner, the proportion reporting unprotected sex with this partner fell from 79% in round 7 ('before Covid-19') to 61% in round 8 ('during Covid-19') and 28% in round 9 ('as Covid-19 eased'). The proportion of these women reporting using pre-exposure prophylaxis (PrEP) increased from 0% in round 7 ('before Covid-19') to 7% in round 8 ('during Covid-19') and 38% in round 9 ('as Covid-19 eased')
- The proportion of men reporting more than one sexual partner in the last month remained close to 5% in round 7 ('before Covid-19'), round 8 ('during Covid-19') and round 9 ('as Covid-19 eased')
- Levels of HIV testing increased slightly for men in round 8 ('during Covid-19') but changed little for women
- The proportions of people living with HIV who reported being on ART remained high during Covid-19

**Ages 15+years**

	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	%				
<b>1. HIV PREVALENCE</b>																						
1.1 All Participants	11	311	4%	30	453	7%	▲	25	365	7%	▲	50	626	8%	112	718	16%	▲	68	589	11.5%	▼
1.2 Age Group																						
15-19	0	114	0%	0	82	0%	—	0	45	0%	—	4	183	2%	2	102	2%	▼	0	41	0%	▼
20-24	1	43	2%	1	58	2%	▼	0	53	0%	▼	5	115	4%	1	99	1%	▼	0	87	0%	▼
25-34	2	51	4%	3	95	3%	▼	4	82	5%	▲	20	169	12%	28	198	14%	▲	12	186	6%	▼
35-44	3	48	6%	11	109	10%	▲	6	96	6%	▼	12	101	12%	43	178	24%	▲	26	161	16%	▼
45-54	2	24	8%	11	63	17%	▲	11	55	20%	▲	8	44	18%	30	87	34%	▲	20	74	27%	▼
55+	2	11	18%	4	45	9%	▼	4	34	12%	▲	4	33	12%	8	54	15%	▲	10	40	25%	▲
1.4 Marital Status																						
Single	3	156	2%	1	156	1%	▼	1	112	1%	▲	11	244	5%	7	147	5%	▲	5	89	6%	▲
Married	7	152	5%	28	288	10%	▲	23	240	10%	▼	26	347	7%	59	425	14%	▲	34	366	9%	▼
Divorced/separated/widowed	2	9	22%	1	9	11%	▼	1	13	8%	▼	19	88	22%	46	146	32%	▲	29	134	22%	▼
In non-polygynous union	7	147	5%	27	436	6%	▲	22	237	9%	▲	26	347	7%	65	570	11%	▲	34	366	9%	▼
In polygynous union	0	5	0%	2	8	25%	▲	1	3	33%	▲	0	0	0%	1	2	50%	▲	0	0	0%	▼
1.5 Education																						
None/primary	2	17	12%	4	44	9%	▼	1	8	13%	▲	7	71	10%	26	151	17%	▲	16	67	24%	▲
Secondary/higher	9	274	3%	25	407	6%	▲	24	357	7%	▲	43	570	8%	85	565	15%	▲	52	520	10%	▼
1.6 Employment Status																						
Formal employment	0	58	0%	15	176	9%	▲	22	268	8%	▼	4	80	5%	25	144	17%	▲	16	148	11%	▼
Informal employment	2	20	10%	6	53	11%	▲	3	30	10%	▼	2	49	4%	26	116	22%	▲	11	76	14%	▼
Unemployed	3	55	5%	9	148	6%	▲	4	38	11%	▲	29	275	11%	60	374	16%	▲	41	338	12%	▼
Student	0	113	0%	0	76	0%	—	0	47	0%	—	4	133	3%	1	84	1%	▼	0	27	0%	▼
1.8 Number of Sexual Partners in life																						
1	0	43	0%	1	92	1%	▲	1	62	2%	▲	15	271	6%	31	372	8%	▲	18	325	6%	▼
2-4	6	80	8%	10	123	8%	▲	8	112	7%	▼	22	176	13%	53	165	32%	▲	29	151	19%	▼
5+	5	59	8%	18	124	15%	▲	16	125	13%	▼	15	50	30%	28	67	42%	▲	21	59	36%	▼
<b>2. QUESTIONS &amp; ANSWERS ON KNOWLEDGE, RISK PERCEPTION &amp; STIGMA</b>																						
	15+ years old									15+ years old												
2.2 Knowledge - Factors Thought to Increase Risk	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	
Presence of STDs	159	379	42%	383	454	84%	▲	386	438	88%	▲	630	779	81%	676	718	94%	▲	630	651	97%	▲
Condoms	17	379	4%	71	454	16%	▲	57	438	13%	▼	63	779	8%	19	718	3%	▼	14	651	2%	▼
Witchcraft	6	379	2%	22	454	5%	▲	12	438	3%	▼	57	779	7%	10	718	1%	▼	11	651	2%	▲
2.3 Knowledge - Infant Infection																						
Infants can be infected via breastfeeding	343	379	91%	380	454	84%	▼	428	438	98%	▲	645	779	83%	593	718	83%	▼	503	651	77%	▼
All children of HIV+ women infected	60	379	16%	54	454	12%	▼	88	438	20%	▲	49	779	6%	52	718	7%	▲	6	651	1%	▼
2.4 Knowledge - HIV versus AIDS																						
HIV+ person can always be identified visually	63	379	17%	44	454	10%	▼	76	438	17%	▲	115	779	15%	125	718	17%	▲	22	651	3%	▼
2.5 Stigma (Kusemwa)																						
Willing to care for an infected relative	329	379	87%	444	454	98%	▲	382	438	87%	▼	730	779	94%	695	718	97%	▲	630	651	97%	▼
Cared for a relative with AIDS	65	379	17%	123	275	45%	▲	119	299	40%	▼	185	779	24%	239	535	45%	▲	189	479	39%	▼
<b>3. SEXUAL BEHAVIOUR, STD SYMPTOMS &amp; TREATMENT SERVICES</b>																						
	15+ years old									15+ years old												
3.1 Sexual Behaviour*	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	
More than one partner in last month	13	243	5.3%	17	341	5.0%	▼	15	323	5%	▼	26	641	4.1%	23	605	3.8%	▼	21	547	3.8%	▲
One or more new partner(s) in the last year	61	213	29%	140	323	43%	▲	98	284	35%	▼	115	470	24%	124	485	26%	▲	67	485	14%	▼
15-19s that have started sex	7	125	6%	5	82	6%	▲	6	83	7%	▲	48	203	24%	16	102	16%	▼	15	87	17%	▲
Unprotected sex with recent non regular partner**	58	80	73%	48	60	80%	▲	79	91	87%	▲	114	144	79%	44	72	61%	▼	8	29	28%	▼
Can negotiate for safer sexual relations with spouse	68	197	35%	119	294	40%	▲	106	251	42%	▲	137	525	26%	148	469	32%	▲	163	432	38%	▲
3.2 STD Symptoms - Last 12 Months																						
Genital Discharge	5	355	1%	7	409	2%	▲	2	401	0%	▼	35	803	4%	38	664	6%	▲	26	605	4%	▼
Genital sore/ulcer	4	379	1%	1	409	0%	▼	0	401	0%	▼	20	779	3%	6	664	1%	▼	8	605	1%	▲
<b>4. UPTAKE OF HIV SERVICES</b>																						
4.1 HIV Testing	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	Said Yes	Total asked	%	
Ever tested for HIV in life	310	379	82%	405	454	89%	▲	365	438	83%	▼	662	779	85%	673	718	94%	▲	589	651	90%	▼
Tested for HIV in the last 3 years	217	379	57%	271	453	60%	▲	257	438	59%	▼	393	775	51%	569	716	79%	▲	482	651	74%	▼
Tested for HIV in the last 6 months	55	316	17%	90	401	22%	▲	74	365	20%	▼	238	525	35%	244	670	36%	▲	220	589	37%	▲
Tested for HIV in the last 12 months	158	316	50%	223	401	56%	▲	153	365	42%	▼	426	672	63%	428	670	64%	▲	370	589	63%	▼
4.2 ARV Treatment																						
Receiving ART of those HIV+	5	5	100%	25	26	96%	▼	22	24	92%	▼	32	38	84%	94	96	98%	▲	67	67	100%	▲
4.3 HIV prevention method																						
Circumcised	104	355	29%	117	454	26%	▼	103	438	24%	▼	583	779	75%	653	718	91%	▲	614	651	94%	▲
Condom Accessibility	313	379	83%	417	454	92%	▲	386	438	88%	▼	0	114	0%	3	44	7%	▲	3	8	38%	▲
Currently using prep***	0	58	0%	0	48	0%	—	0	79	0%	—	0	114	0%	3	44	7%	▲	3	8	38%	▲
<b>5. CORONA VIRUS</b>																						
Risk perception																						
Contact with covid 19 infected person	5	454	1%	5	454	1%	—	73	438	17%	▲	284	678	42%	35	718	5%	121	651	19%	▲	
Vaccine coverage	128	454	28%	364	438	83%	▲	364	438	83%	▲	240	718	33%	149	718	21%	618	651	95%	▲	
Ever tested for covid	56	454	12%	114	438	26%	▲	114	438	26%	▲	149	718	21%	149	718	21%	413	651	63%	▲	
Tested with a positive result	5	56	9%	16	114	14%	▲	16	114	14%	▲	9	149	6%	9	149	6%	56	413	14%	▲	

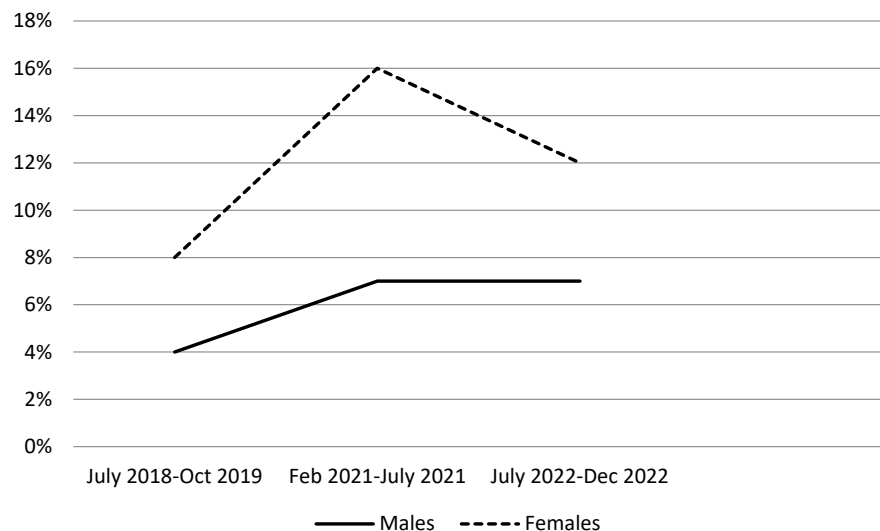
▲ Marks an increase from previous round | ▼ Marks a decrease from previous round | — Marks no change between rounds

\* Respondents who reported not having started sex yet were excluded here. \*\* Respondents with no non regular partners were excluded

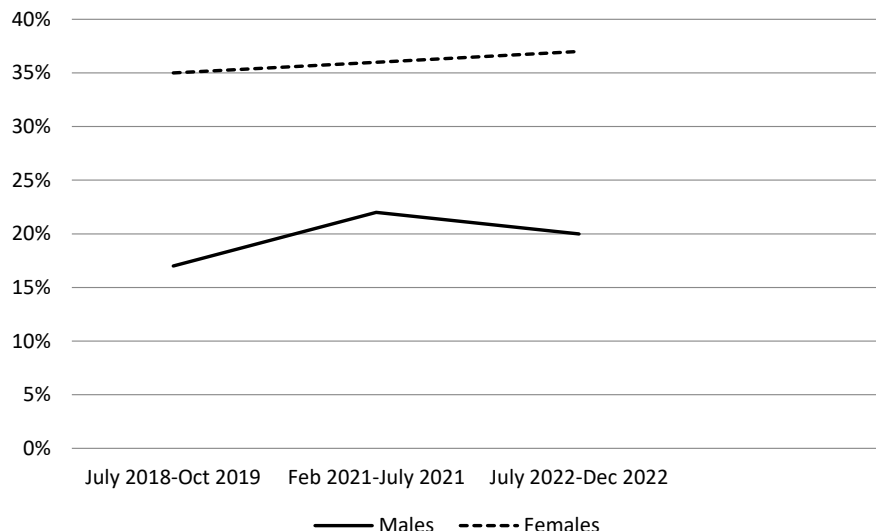
\*\*\* Denominator consist of respondents who ever had sex with recent non regular partner

## NYANGA GRAPHS

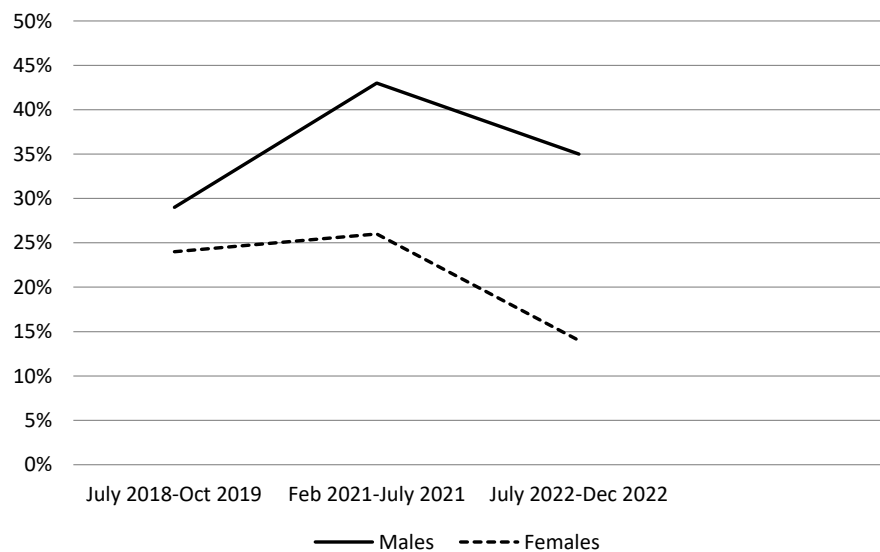
### HIV Prevalence



### Tested for HIV in the last 6 months



### One or more new partners in the last year



### Patterns in Covid 19

