



Manicaland Centre for Public Health Research

HIV Epidemic Status Report 2014

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for

NYANGA AND SURROUNDING AREAS

INTRODUCTION

The baseline survey (round 1) for the Manicaland HIV/STD Prevention Project was carried out from July 1998 to January 2000. Follow-up surveys were conducted from July 2001 to January 2003 (round 2), August 2003 to August 2005 (round 3), August 2006 to November 2008 (round 4), July 2009 to July 2011 (round 5) and finally Round 6 from July 2012 to November 2013 (round 6). This sheet compares the main results on local patterns of HIV infection, experience of other sexually transmitted diseases (STDs), knowledge and awareness of HIV and other STDs, and sexual and health seeking behaviour including HIV testing and treatment in rounds 4, 5 and 6. For rounds 5 and 6, results are also shown for children aged 2-17 years. The following is a brief summary of the main findings; further details are given overleaf.

AREAS COVERED

The survey covered the following areas in Nyanga: Experiment Station, Fisheries, National Parks, Nyamhuka 1 & 2, Tourist, Devichands, ZRP, Mangondoza, Rochdale, Tsuro, Anglers Rest, CMED, DA Camp, Bonde, Bvukutwa, Dzapasi, Magaya, Mambemba, Mandicheta, Mandipaka, Manjoro, Marigidi, Mutimutema, Ndaranawa, Nyamukanga, Nyarumvurwe, Sanganai, Sarutani and Sedze. In rounds 4, 5 and 6: 1,008 1,319 and 960 adults participated, respectively. In round 5 and 6: 329 and 157 children participated respectively. The numbers of participants fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

KEY RESULTS

- 16.0% of men and 23.8% of women are currently infected with HIV.
- 1.2% of boys and 3.6% of girls aged 2-14 years are currently infected with HIV.
- HIV prevalence for men and women has declined steadily over the past 8 years. However, there has been an increase in HIV prevalence in men aged between 25-44 years over the past 5 years.
- There has been an increase in the proportion of males reporting to have "one or more new partner(s) in the last year" and a decrease in women, in the past 5 years (2009 - 2013).
- Stigma associated with HIV/AIDS is decreasing and most people are willing to look after a relative who has AIDS. People are more willing to disclose their status to spouse/partner compared to their parents.
- The proportion of adults having an HIV test has increased substantially over the last 5 years. However 42% of men and 22% of women have never had an HIV test.
- There have been large increases in uptake of ART for both men (0% to 40%) and women (8% to 55%) in the past 5 years.
- The proportion of children aged 2-14 years ever tested for HIV in their life has increased slightly over the past 5 years. Only 9% of boys and 18% of girls have ever been tested for HIV.

1. HIV PREVALENCE			
1.1 All Participants (15-54 years old)			
1.2 Age Group			
15-19	1	79	1.3%
20-24	7	100	7.0%
25-34	36	160	22.5%
35-44	19	59	32.2%
45-54	15	40	37.5%
1.3 Marital Status			
Single	10	193	5%
Married	62	233	27%
Divorced/separated/widowed	6	12	50%
In non-polygamous union	58	222	26%
In polygamous union	3	8	38%
1.4 Education			
None/primary	20	67	30%
Secondary/higher	57	368	15%
1.5 Employment Status			
Formal employment	25	135	19%
Subsistence agriculture	9	43	21%
Unemployed	42	211	20%
Student	1	46	2%
1.6 Male circumcision			
Circumcised	4	20	20%
Not circumcised	74	418	18%
1.7 Number of Sexual Partners in Life			
0	2	95	2%
1	8	76	11%
2-4	29	112	26%
5+	39	151	26%

MALES								
ROUND 4 (2006-2008)			ROUND 5 (2009-2011)			ROUND 6 (2012-2013)		
HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%
78	438	17.8%	61	459	13.3%	55	343	16.0%
15-54 years old								
1	79	1.3%	1	123	0.8%	2	87	2.3%
7	100	7.0%	3	52	5.8%	1	42	2.4%
36	160	22.5%	15	133	11.3%	15	95	15.8%
19	59	32.2%	32	113	28.3%	26	83	31.3%
15	40	37.5%	10	38	26.3%	11	36	30.6%
Total								
Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
10	193	5%	7	176	4%	5	131	4%
62	233	27%	52	269	19%	41	193	21%
6	12	50%	2	14	14%	9	17	53%
58	222	26%	51	257	20%	40	186	22%
3	8	38%	1	11	9%	1	8	13%
15-54 years old								
20	67	30%	13	61	21%	9	31	29%
57	368	15%	48	397	12%	46	310	15%
15-54 years old								
25	135	19%	18	94	19%	14	72	19%
9	43	21%	8	57	14%	12	28	43%
42	211	20%	33	214	15%	27	176	15%
1	46	2%	2	94	2%	2	65	3%
15-54 years old								
4	20	20%	2	15	13%	4	33	12%
74	418	18%	59	440	13%	51	308	17%
15-54 years old								
2	95	2%	4	171	2%	0	5	0%
8	76	11%	7	60	12%	6	66	9%
29	112	26%	21	107	20%	14	67	21%
39	151	26%	29	121	24%	30	98	31%

FEMALES								
ROUND 4 (2006-2008)			ROUND 5 (2009-2011)			ROUND 6 (2012-2013)		
HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%
169	543	31.1%	181	788	23.0%	147	617	23.8%
15-54 years old								
4	92	4.3%	4	127	3.1%	1	100	1.0%
24	127	18.9%	11	121	9.1%	7	71	9.9%
77	179	43.0%	64	267	24.0%	35	200	17.5%
46	101	45.5%	66	166	39.8%	66	153	43.1%
18	44	41%	36	107	33.6%	38	93	40.9%
Total								
Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
25	148	17%	10	144	7%	4	103	4%
80	301	27%	101	502	20%	66	381	17%
63	93	68%	70	142	49%	77	133	58%
42	186	23%	89	474	19%	63	368	17%
1	4	25%	12	28	43%	2	11	18%
15-54 years old								
45	108	42%	66	202	33%	60	163	37%
115	422	27%	108	575	19%	82	444	18%
15-54 years old								
10	48	21%	8	50	16%	9	39	23%
51	98	52%	36	116	31%	31	84	37%
104	342	30%	134	534	25%	106	435	24%
4	55	7.3%	3	88	3%	1	59	1.7%
15-54 years old								
3	104	3%	4	127	3%	0	4	0%
68	268	25%	67	441	15%	60	343	17%
58	118	49%	72	172	42%	51	124	41%
35	42	83%	38	48	79%	25	32	78%

2. KNOWLEDGE, RISK PERCEPTION & STIGMA			
2.1 Knowledge - Modes of Transmission*			
Ritual scarification (Kutemwa nyora)	269	426	63%
Mosquito bites	57	411	14%
Sharing utensils	46	423	11%
2.2 Knowledge - Factors Thought to Increase Risk*			
Presence of STDs	335	412	81%
Condoms	50	423	12%
Witchcraft	10	422	2%
2.3 Knowledge - Infant Infection			
Infants can be infected via breastfeeding	368	419	88%
All children of HIV+ women infected	128	438	29%
2.4 Knowledge - HIV versus AIDS			
HIV+ person can always be identified visually	117	438	27%
2.5 Stigma (Kusemwa)			
Willing to care for an infected relative	381	437	87%
Cared for a relative with AIDS \$	113	437	26%
If infected, think neighbours would help	312	437	71%
Disclosure of HIV +ve status to spouse/regular partner	5	10	50%
Disclosure of HIV +ve status to mother/father	1	10	10%
Disclosure of HIV +ve status to employer	0	10	0%

Total Asked	%	Total Asked	%	Total Asked	%		
274	342	80%	▲	274	342	80%	▲
58	342	17%	▼	58	342	17%	▼
25	342	7%	▼	25	342	7%	▼
289	342	85%	▲	289	342	85%	▲
36	342	11%	▼	36	342	11%	▼
9	341	3%	▼	9	341	3%	▼
300	342	88%	▼	300	342	88%	▼
68	342	20%	▼	68	342	20%	▼
57	342	17%	▼	57	342	17%	▼
333	342	97%	▲	333	342	97%	▲
113	342	33%	▲	113	342	33%	▲
281	342	82%	▲	281	342	82%	▲
21	33	64%	▼	21	33	64%	▼
6	33	18%	▼	6	33	18%	▼
4	33	12%	▲	4	33	12%	▲

Total Asked	%	Total Asked	%	Total Asked	%		
717	787	91%	▲	717	787	91%	▲
124	788	16%	▼	124	788	16%	▼
36	785	5%	▼	36	785	5%	▼
711	787	90%	▼	711	787	90%	▼
62	788	8%	▼	62	788	8%	▼
30	787	4%	▲	30	787	4%	▲
714	788	91%	▲	714	788	91%	▲
123	787	16%	▼	123	787	16%	▼
162	787	21%	▼	162	787	21%	▼
748	787	95%	▲	748	787	95%	▲
279	788	35%	▲	279	788	35%	▲
559	785	71%	▲	559	785	71%	▲
49	97	51%	▲	49	97	51%	▲
23	97	24%	▲	23	97	24%	▲
0	97	0%	-	0	97	0%	-

3. SEXUAL RISK BEHAVIOUR & STD SYMPTOMS			
3.1 Sexual Behaviour			
More than one partner in last month**	17	343	5%
One or more new partner(s) in the last year.	93	339	27%
Consistent condom use with all casual partners for >=3 years	57	227	25%
Can negotiate for safer sexual relations with spouse	189	301	63%
3.2 STD Symptoms - Last 12 Months			
Genital discharge	7	349	2%
Genital sore/ulcer	5	350	1%
Sought treatment at hospital/clinic last time had symptoms	6	10	60%

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
24	343	7%	▲	19	242	8%	▲	
71	245	29%	▲	75	241	31%	▲	
64	221	29%	▲	56	160	35%	▲	
214	312	69%	▲	140	233	60%	▼	
6	346	2%	▼	1	342	0%	▼	
5	346	1%	▲	6	342	2%	▲	
9	10	90%	▲	5	6	83%	▼	

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%		
6	441	1%	11	663	2%	▲	8	528	2%	▼
78	440	18%	78	505	15%	▼	71	528	13%	▼
22	110	20%	15	120	13%	▼	16	61	26%	▲
304	370	82%	475	552	86%	▲	293	436	67%	▼
30	448	7%	33	669	5%	▼	22	617	4%	▼
23	448	5%	21	669	3%	▼	14	617	2%	▼
29	39	74%	32	47	68%	▼	16	30	53%	▼

4. UPTAKE OF HIV SERVICES			
4.1 HIV Testing			
Know where to get an HIV test	223	437	51%
Tested for HIV	61	438	14%
Collected results	54	61	89%
Tested for HIV in the last 2 years	49	437	11%
4.2 ARV Treatment			
Heard of drugs for HIV/AIDS	97	438	22%
Think these drugs work	37	100	37%
Know that drugs are available in the area	--	--	--
Receiving ART of those HIV+	0	78	0%
4.3 PMTCT (Prevention of Mother-To-Child Transmission)			
Mother tested for HIV (last pregnancy in last three years)			
Mother HIV +ve (self-reported)			
HIV+ mothers who received sdNVP for PMTCT			
sdNVP treatment for infant			
MER treatment for infant			
ART treatment for infant			
4.4 Male Circumcision			
Males who are circumcised	20	438	5%

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
390	459	85%	▲	312	343	91%	▲	
169	458	37%	▲	197	342	58%	▲	
164	169	97%	▲	197	203	97%	▲	
146	459	32%	▲	98	203	48%	▲	
145	456	32%	▲	225	343	66%	▲	
128	174	74%	▲	12	14	86%	▲	
121	145	83%	▲	148	169	88%	▲	
7	61	11%	▲	22	55	40%	▲	
15	455	3%	▼	33	341	10%	▲	

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%		
423	541	78%	725	787	92%	▲	565	617	92%	▼
219	541	40%	566	787	72%	▲	482	617	78%	▲
197	219	90%	549	566	97%	▲	485	491	99%	▲
171	541	32%	467	787	59%	▲	272	492	55%	▼
196	541	36%	478	779	61%	▲	401	617	65%	▲
72	201	36%	424	491	86%	▲	19	20	95%	▲
--	--	--	374	394	95%	▲	260	274	95%	▼
13	169	8%	57	181	31%	▲	81	147	55%	▲
114	150	76%	240	277	87%	▲	168	186	90%	▲
8	114	7%	19	240	8%	▲	11	185	6%	▼
7	40	18%	13	41	32%	▲	8	19	42%	▲
8	8	100%	8	19	42%	▼	8	10	80%	▲
--	--	--	1	19	5%	▲	1	10	10%	▲
--	--	--	4	19	21%	▲	0	10	0%	▼

5. CHILD HEALTH & HEALTHCARE			
5.1 HIV prevalence			
2-14			
Age Group			
2-4	0	26	0.0%
5-9	2	57	3.5%
10-14	1	48	2.1%
5.2 HIV Testing & Treatment (children 2-14 years)			
Ever tested for HIV in life	4	130	3%
HIV+ children among those tested for HIV	0	4	0%
HIV+ children on ART	0	3	-
5.3 Male Circumcision (children 2-14 years)			
Males who are circumcised	1	128	1%
5.4 Orphanhood (children 2-17 years)			
Paternal orphan	59	187	32%
Maternal orphan	33	187	18%
Double orphan	21	187	11%
5.5 Sexual Abuse (children 7-14 years)			
Ever experienced sexual abuse	0	82	0%

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
3	131	2.3%	1	76	1.3%	▼		
0	26	0.0%	0	16	0.0%	—		
2	57	3.5%	0	29	0.0%	▼		
1	48	2.1%	1	31	3.2%	▲		
4	130	3%	7	76	9%	▲		
0	4	0%	1	7	14%	▲		
0	3	-	1	1	100%	▼		
1	128	1%	0	75	0%	▼		
59	187	32%	12	70	17%	▼		
33	187	18%	10	76	13%	▼		
21	187	11%	6	76	8%	▼		
0	82	0%	0	62	0%	—		

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
1	154	0.6%	3	81	3.7%	▲		
0	39	0.0%	0	15	0.0%	—		
1	56	1.8%	2	35	5.7%	▲		
0	59	0.0%	1	31	3.2%	▲		
4	154	3%	14	78	18%	▲		
0	4	0%	3	14	21%	▲		
0	1	0%	3	3	100%	▲		
55	209	26%	11	77	14%	▼		
30	209	14%	9	81	11%	▼		
18	209	9%	7	81	9%	▲		
1	100	1%	2	63	3%	▲		

▲:Marks an increase from previous round| ▼:Marks a decrease from previous round| —:Marks no change between rounds
 * Includes responses after probing. **Respondents who reported not having started sex yet were excluded here. ***Includes local and other hospitals and clinics
 § Includes respondents who report not knowing anybody with AIDS

