



Manicaland Centre for Public Health Research

Epidemic Status Report 2014

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for

SELBOURNE 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 in this area covered the following areas Selbourne, Arcadia, Bulwark, Chitowa, Farirai, Makomva, Manatse, Manjiche, Manyore, Matiza, Mawoyo, Mutamangira, Nyamunokora, Sawmill, Selbourne 1,2,3 & 4, Shenje, Dziire, Timburwa, Maonazvaava, Chipupuri, Chipupuri A & B, Gwiriri, Kwambana, Kwesha, Manzero, Maradzika, Mareya, Mbawa, Muchenu, Munyuku, Samanga, Tamba, Harvest, Maintenance, Inyawari, Mutarazi, Nyakupinga, Nyangani, Reenen, Macheniso, Mandeya, Mangwana and Mutasa. In the fourth, fifth and sixth round surveys 1,011, 1,246 and 1,064 adults participated, respectively. In the fifth and Sixth round 284 and 247 children participated respectively. The numbers of adults fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

KEY RESULTS

- 14.6% of men and 21.3% of women are currently infected with HIV.
- 0.8% of boys and 0.8% 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. Furthermore the prevalence is levelling off at a high level.
- The number of adults who reported one or more new partner(s) in the last year has decreased steadily among both men women in the past 5 years.
- Stigma associated with HIV/AIDS is decreasing and most people are willing to look after a relative who has AIDS. More people are willing to disclose their status although, the proportion of people that discloses to spouse/partner is higher than those that disclose to their parents.
- The proportion of adults having an HIV test has increased substantially over the last 8 years. However, 38% of the men and 17% of women have never had an HIV test.
- There was a significant increase in the uptake of ART for men (17% to 42%) and women (34% to 58%) in the past 7 years. However 58% of HIV+ men are not on ART
- Only 61% of boys and 21% of girls aged between 2 to 14 were found to have been tested for HIV in their lifetime.

1. HIV PREVALENCE	MALES									FEMALES								
	ROUND 4 (2006-2008)			ROUND 5 (2009-2011)			ROUND 6 (2012-2013)			ROUND 4 (2006-2008)			ROUND 5 (2009-2011)			ROUND 6 (2012-2013)		
	HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%
1.1 All Participants (15-54 years old)	69	415	16.6%	71	511	13.9%	62	426	14.6%	152	596	25.5%	163	735	22.2%	136	638	21.3%
1.2 Age Group																		
15-19	0	81	0.0%	1	133	0.8%	0	107	0.0%	4	104	3.8%	6	113	5.3%	3	109	2.8%
20-24	7	77	9.1%	0	65	0.0%	1	47	2.1%	9	111	8.1%	11	108	10.2%	4	74	5.4%
25-34	20	128	15.6%	15	142	10.6%	6	105	5.7%	62	178	34.8%	44	211	20.9%	33	166	19.9%
35-44	30	86	34.9%	36	111	32.4%	36	101	35.6%	49	121	40.5%	66	174	37.9%	59	174	33.9%
45-54	12	43	27.9%	19	60	31.7%	19	65	29.2%	28	83	34%	36	129	27.9%	37	113	32.7%
1.3 Marital Status																		
Single	5	152	3%	4	207	2%	10	198	5%	4	102	4%	6	104	6%	4	91	4%
Married	57	244	23%	59	288	20%	47	208	23%	71	339	21%	86	471	18%	70	408	17%
Divorced/separated/widowed	7	20	35%	8	16	50%	1	11	9%	75	153	49%	71	159	45%	19	48	40%
In non-polygamous union	55	235	23%	54	275	20%	43	197	22%	36	195	18%	77	449	17%	63	386	16%
In polygamous union	1	4	25%	5	13	0%	4	13	31%	3	9	33%	9	21	-	7	23	30%
1.4 Education																		
None/primary	20	80	25%	18	76	24%	12	56	21%	67	197	34%	77	237	32%	54	180	30%
Secondary/higher	49	332	15%	52	433	12%	50	369	14%	76	382	20%	82	484	17%	80	446	18%
1.5 Employment Status																		
Formal employment	43	205	21%	40	193	21%	37	162	23%	60	124	48%	55	125	44%	45	105	43%
Subsistence agriculture	9	40	23%	11	54	20%	10	69	14%	7	20	35%	7	40	18%	7	29	24%
Unemployed	17	105	16%	19	145	13%	14	113	12%	84	398	21%	100	502	20%	82	435	19%
Student	0	64	0%	1	119	1%	1	80	1%	0	53	0.0%	1	67	1%	1	68	1.5%
1.6 Male Circumcision																		
Circumcised	6	28	21%	2	18	11%	1	27	4%	62	292	21%	70	410	17%	2	20	10%
Not circumcised	63	386	16%	69	492	14%	65	387	17%	62	161	39%	70	197	36%	3	13	23%
1.7 Number of Sexual Partners in life																		
0	2	94	2%	4	207	2%	1	128	1%	21	35	60%	18	33	55%	2	5	40%
1	8	59	14%	2	56	4%	0	1	0%	62	292	21%	70	410	17%	2	20	10%
2-4	26	125	21%	24	122	20%	0	1	0%	62	161	39%	70	197	36%	3	13	23%
5+	33	134	25%	41	126	33%	3	134	2%	21	35	60%	18	33	55%	2	5	40%
2. KNOWLEDGE, RISK PERCEPTION & STIGMA																		
2.1 Knowledge - Modes of Transmission*																		
Ritual scarification (Kutemwa nyora)	336	400	84%	361	511	71%	313	427	73%	501	566	89%	633	735	86%	377	641	59%
Mosquito bites	55	395	14%	91	511	18%	97	427	23%	134	537	25%	148	735	20%	125	642	19%
Sharing utensils	37	392	9%	52	510	10%	35	427	8%	57	561	10%	75	735	10%	62	642	10%
2.2 Knowledge - Factors Thought to Increase Risk*																		
Presence of STDs	285	396	72%	292	511	57%	323	427	76%	510	554	92%	623	735	85%	452	639	71%
Condoms	34	399	9%	36	511	7%	31	427	7%	65	556	12%	88	735	12%	107	642	17%
Witchcraft	8	400	2%	28	509	6%	15	426	4%	15	561	3%	23	735	3%	47	642	7%
2.3 Knowledge - Infant Infection																		
Infants can be infected via breastfeeding	334	392	85%	431	511	84%	358	426	84%	481	538	89%	659	735	90%	518	642	81%
All children of HIV+ women infected	162	415	39%	159	511	31%	84	427	20%	185	596	31%	218	735	30%	114	642	18%
2.4 Knowledge - HIV versus AIDS																		
HIV+ person can always be identified visually	107	415	26%	157	511	31%	71	426	17%	154	596	26%	220	734	30%	147	641	23%
2.5 Stigma (Kusemwa)																		
Willing to care for an infected relative	393	414	95%	457	511	89%	401	427	94%	554	596	93%	701	735	95%	593	642	92%
Cared for a relative with AIDS §	132	414	32%	142	511	28%	122	292	42%	203	591	34%	230	735	31%	180	521	35%
If infected, think neighbours would help	315	415	76%	330	507	65%	327	427	77%	439	594	74%	514	735	70%	431	641	67%
Disclosure of HIV +ve status to spouse/regular partner	5	5	100%	19	23	83%	33	40	83%	10	26	38%	30	77	39%	50	95	53%
Disclosure of HIV +ve status to mother/father	0	5	0%	2	23	9%	11	40	28%	3	26	12%	20	77	26%	38	95	40%
Disclosure of HIV +ve status to employer	0	5	0%	1	23	4%	1	40	3%	0	26	0%	0	77	0%	1	95	1%

3. SEXUAL RISK BEHAVIOUR & STD SYMPTOMS		
3.1 Sexual Behaviour		
More than one partner in last month**		
One or more new partner(s) in the last year.		
Consistent condom use with all casual partners for >=3 years		
Can negotiate for safer sexual relations with spouse		
3.2 STD Symptoms - Last 12 Months		
Genital discharge		
Genital sore/ulcer		
Sought treatment at hospital/clinic last time had symptoms		

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
8	329	2%	20	347	6%	▲	22	300	7%	▲
81	325	25%	75	208	36%	▲	68	300	23%	▼
48	229	21%	51	211	24%	▲	188	236	80%	▲
148	288	51%	199	312	64%	▲	173	426	41%	▼
8	333	2%	28	347	8%	▲	3	427	1%	▼
13	333	4%	19	347	5%	▲	6	427	1%	▼
11	19	58%	29	37	78%	▲	4	7	57%	▼

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
1	502	0%	1	647	0%	▼	5	562	1%	▲
77	502	15%	51	421	12%	▼	54	562	10%	▼
13	111	12%	11	90	12%	▲	39	91	43%	▲
333	426	78%	420	500	84%	▲	344	640	54%	▼
33	508	6%	20	651	3%	▼	14	640	2%	▼
19	509	4%	15	651	2%	▼	16	641	2%	▲
31	45	69%	22	32	69%	▼	19	28	68%	▼

4. UPTAKE OF HIV SERVICES		
4.1 HIV Testing		
Know where to get an HIV test		
Tested for HIV		
Collected results		
Tested for HIV in the last 2 years		
4.2 ARV Treatment		
Heard of drugs for HIV/AIDS		
Think these drugs work		
Know that drugs are available in the area		
Receiving ART of those HIV+		
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		

%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	
47%	194	414	47%	329	510	65%	▲
9%	38	415	9%	122	511	24%	▲
84%	32	38	84%	122	122	100%	▲
6%	24	414	6%	95	510	19%	▲
10%	42	415	10%	124	511	24%	▲
24%	10	42	24%	65	128	51%	▲
50%	-	-	50%	64	127	50%	▲
0%	0	69	0%	12	71	17%	▲
71%	301	425	71%	301	425	71%	▲
96%	25	26	96%	25	26	96%	▲
81%	178	221	81%	178	221	81%	▲
42%	26	62	42%	26	62	42%	▲
6.76%	28	414	6.76%	18	510	3.53%	▼
5%	22	430	5%	22	430	5%	▲

Total Said Yes	Total Asked	%	Total Said Yes	Total Asked	%	Total Said Yes	Total Asked	%		
391	595	66%	644	735	88%	▲	601	641	94%	▲
205	596	34%	466	735	63%	▲	534	641	83%	▲
179	205	87%	448	466	96%	▲	526	532	99%	▲
170	595	29%	399	735	54%	▲	533	534	100%	▲
84	593	14%	368	734	50%	▲	403	641	63%	▲
40	86	47%	234	371	63%	▲	16	17	94%	▲
-	-	-	205	283	72%	-	177	256	69%	▼
3	152	2%	55	163	34%	-	63	109	58%	▲
84	176	48%	194	279	70%	▲	150	182	82%	▲
3	84	4%	12	194	6%	▲	16	169	9%	▲
1	42	2%	6	38	16%	-	9	29	31%	▲
2	3	67%	7	12	58%	-	2	15	13%	▼
-	-	-	0	12	0%	-	2	15	13%	-
-	-	-	0	12	0%	-	3	15	20%	-

5. CHILD HEALTH & HEALTHCARE		
5.1 HIV prevalence		
2-14		
Age Group		
2-4		
5-9		
10-14		
5.2 HIV Testing & Treatment (children 2-14 years)		
Ever tested for HIV in life		
HIV+ children among those tested for HIV		
HIV+ children on ART		
5.3 Male Circumcision (children 2-14 years)		
Males who are circumcised		
5.4 Orphanhood (children 2-17 years)		
Paternal orphan		
Maternal orphan		
Double orphan		
5.5 Sexual Abuse (children 7-14 years)		
Ever experienced sexual abuse		

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
1	146	0.7%	1	118	0.8%	▲		
0	31	0.0%	0	23	0.0%	—		
1	56	1.8%	1	39	2.6%	▲		
0	59	0.0%	0	56	0.0%	-		
6	146	4%	14	23	61%	▲		
1	6	17%	1	14	7%	▼		
0	1	0%	1	1	-	▲		
1	141	1%	1	116	1%	▲		
71	221	32%	23	114	20%	▼		
27	221	12%	12	114	11%	▼		
18	221	8%	4	114	4%	▼		
0	96	0%	0	100	0%	—		

Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
2	138	1.4%	1	129	0.8%	▼		
0	27	0.0%	0	25	0.0%	—		
1	51	2.0%	1	49	2.0%	▲		
1	60	1.7%	0	56	0.0%	▼		
5	137	4%	27	130	21%	▲		
1	5	20%	1	27	4%	▼		
1	2	50%	1	1	100%	▲		
n/a								
51	194	26%	24	123	20%	▼		
17	194	9%	6	123	5%	▼		
11	194	6%	2	123	2%	▼		
1	91	1%	3	113	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

