



Manicaland Centre for Public Health Research Epidemic Status Report 2014

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for

SITES IN MAKONI DISTRICT COVERED BY THE PROJECT

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 Mutasa, Eastern Highlands, Bonda, Honde, Selbourne, and Watsomba. In round 4, 5 and 6: 5,595, 5,833 and 4,969 adults participated, respectively. In the fourth, fifth and sixth round surveys 1,130, 2432 and 2136 adults participated, respectively. In the fifth and Sixth round 556 and 466 children participated respectively. The numbers of adults fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

KEY RESULTS

- 12.5% of men and 20.9% of women are currently infected with HIV.
- 3.1% of boys and 1.6% 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. 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 shown a slight increase whilst it has decreased steadily 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, 41% of the men and 18% of women have never had an HIV test.
- There was a significant increase in the uptake of ART for men (14% to 43%) and women (28% to 46%) in the past 7 years. However 57% of HIV+ men are not on ART
- Only 15% of boys and 16% of girls aged between 2 to 14 were found to have been tested for HIV in their lifetime.

1. HIV PREVALENCE	
1.1 All Participants (15-54 years old)	
Age Group	
15-19	
20-24	
25-34	
35-44	
45-54	
1.4 Marital Status	
Single	
Married	
Divorced/separated/widowed	
In non-polygamous union	
In polygamous union	
1.5 Education	
None/primary	
Secondary/higher	
1.6 Employment Status	
Formal employment	
Subsistence agriculture	
Unemployed	
Student	
1.7 Male circumcision	
Circumcised	
Not circumcised	
1.7 Number of Sexual Partners in life	
0	
1	
2-4	
5+	

MALES										
ROUND 4 (2006-2008)			ROUND 5 (2009-2011)			ROUND 6 (2012-2013)				
HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%		
118	863	13.7%	143	976	14.7%	▲	112	895	12.5%	▼
15-54 years old										
6	254	2.4%	6	270	2.2%	▼	8	239	3.3%	▲
10	198	5.1%	8	160	5.0%	▼	3	147	2.0%	▼
49	243	20.2%	53	289	18.3%	▼	23	262	8.8%	▼
39	98	39.8%	49	160	30.6%	▼	48	151	31.8%	▲
14	70	20.0%	27	97	27.8%	▲	30	96	31.3%	▲
15-54 years old										
Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
25	480	5%	12	439	3%	▼	9	379	2%	▼
74	339	22%	105	479	22%	▲	82	454	18%	▼
18	40	45%	26	58	45%	▼	21	61	34%	▼
73	330	22%	102	470	22%	▼	79	442	18%	▼
1	5	20%	3	8	38%	▲	3	11	27%	▼
25	155	16%	40	181	22%	▲	32	174	18%	▼
86	694	12%	97	784	12%	▼	77	717	11%	▼
17	90	19%	21	114	18%	▼	15	64	23%	▲
16	103	16%	35	182	19%	▲	27	229	12%	▼
81	526	15%	82	513	16%	▲	67	371	18%	▲
3	138	2%	5	167	3%	▲	3	156	2%	▼
4	26	15%	4	12	33%	▲	3	47	6%	▼
113	832	14%	135	953	14%	▲	108	844	13%	▼
7	283	2%	14	371	4%	▲	0	7	0%	▼
11	123	9%	14	128	11%	▲	9	115	8%	▼
43	228	19%	56	250	22%	▲	33	259	13%	▼
56	218	26%	59	225	26%	▲	53	219	24%	▼

FEMALES										
ROUND 4 (2006-2008)			ROUND 5 (2009-2011)			ROUND 6 (2012-2013)				
HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%		
267	1196	22.3%	305	1456	20.9%	▼	259	1241	20.9%	▼
15-54 years old										
13	238	5.5%	16	298	5.4%	▼	9	228	3.9%	▼
32	214	15.0%	25	208	12.0%	▼	19	178	10.7%	▼
125	351	35.6%	124	421	29.5%	▼	88	385	22.9%	▼
60	194	30.9%	79	260	30.4%	▼	87	240	36.3%	▲
37	199	18.6%	61	269	22.7%	▲	56	210	26.7%	▲
15-54 years old										
Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
22	278	8%	18	286	6%	▼	11	188	6%	▼
133	656	20%	157	879	18%	▼	142	803	18%	▼
105	243	43%	130	291	45%	▲	106	248	43%	▼
52	269	19%	151	847	18%	▼	139	786	18%	▼
4	16	25%	5	31	-	▲	3	18	17%	-
115	433	27%	110	468	24%	▼	97	355	27%	▲
142	728	20%	179	944	19%	▼	156	866	18%	▲
19	58	33%	27	73	37%	▲	9	35	26%	▼
37	133	28%	43	160	27%	▼	41	128	32%	▲
203	871	23%	226	1051	22%	▼	206	964	21%	▼
7	131	5.3%	9	172	5%	▼	3	114	2.6%	▼
N/A			N/A			N/A				
17	266	6%	14	267	5%	▼	3	14	21%	▲
120	606	20%	143	841	17%	▼	106	690	15%	▼
104	262	40%	136	314	43%	▼	101	257	39%	▼
22	47	47%	12	28	43%	▼	17	35	49%	▲

2. KNOWLEDGE, RISK PERCEPTION & STIGMA	
2.1 Knowledge - Modes of Transmission*	
Ritual scarification (Kutemwa nyora)	
Mosquito bites	
Sharing utensils	
2.2 Knowledge - Factors Thought to Increase Risk*	
Presence of STDs	
Condoms	
Witchcraft	
2.3 Knowledge - Infant Infection	
Infants can be infected via breastfeeding	
All children of HIV+ women infected	
2.4 Knowledge - HIV versus AIDS	
HIV+ person can always be identified visually	
2.5 Stigma (Kusemwa)	
Willing to care for an infected relative	
Cared for a relative with AIDS \$	
If infected, think neighbours would help	
Disclosure of HIV +ve status to spouse/regular partner	
Disclosure of HIV +ve status to mother/father	
Disclosure of HIV +ve status to employer	

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
501	836	60%	796	975	82%	▲	515	602	86%	▲
134	818	16%	226	976	23%	▲	163	602	27%	▲
124	829	15%	134	971	14%	▼	49	601	8%	▼
577	809	71%	680	975	70%	▼	480	602	80%	▲
77	830	9%	89	975	9%	▼	38	602	6%	▼
18	835	2%	59	973	6%	▲	33	602	5%	▼
749	829	90%	836	976	86%	▼	523	602	87%	▲
268	862	31%	268	976	27%	▼	105	602	17%	▼
291	863	34%	278	976	28%	▼	117	601	19%	▼
747	863	87%	837	975	86%	▼	592	602	98%	▲
186	860	22%	233	975	24%	▲	260	467	56%	▲
531	859	62%	685	973	70%	▲	434	602	72%	▲
3	7	43%	34	45	76%	▲	39	61	64%	▼
2	7	29%	18	45	40%	▲	19	61	31%	▼
0	7	0%	1	45	2%	▲	0	61	0%	▼

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
1017	1160	88%	1137	1454	78%	▼	627	1011	62%	▼
319	1072	30%	408	1456	28%	▼	161	1009	16%	▼
165	1123	15%	114	1450	8%	▼	19	1010	2%	-
1055	1135	93%	1240	1456	85%	▼	890	1011	88%	▲
162	1128	14%	119	1456	8%	▼	151	1010	15%	▲
54	1136	5%	61	1454	4%	▼	33	1011	3%	▼
1027	1131	91%	1284	1456	88%	▼	873	1011	86%	▼
339	1195	28%	302	1456	21%	▼	100	1011	10%	▼
406	1195	34%	362	1453	25%	▼	169	1011	17%	▼
1125	1195	94%	1328	1455	91%	▼	996	1010	99%	▲
444	1187	37%	534	1456	37%	▼	418	766	55%	▲
774	1192	65%	1034	1455	71%	▲	712	1011	70%	▼
18	60	30%	85	185	46%	▲	92	179	51%	▲
11	60	18%	50	185	27%	▲	69	179	39%	▲
1	60	2%	0	185	0%	▼	4	179	2%	▲

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

	Said Yes	Total Asked	%	Said Yes	Total Asked	%		Said Yes	Total Asked	%	
	22	582	4%	33	647	5%	▲	42	616	7%	▲
	153	590	26%	138	411	34%	▲	182	616	30%	▼
	95	399	24%	91	399	23%	▼	98	480	20%	▼
	311	496	63%	384	553	69%	▲	326	602	54%	▼

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	%	
	9	602	1%	29	649	4%	▲	12	896	1%	▼
	9	601	1%	25	648	4%	▲	30	896	3%	▼
	8	14	57%	35	45	78%	▲	28	32	88%	▲

	Said Yes	Total Asked	%	Said Yes	Total Asked	%		Said Yes	Total Asked	%	
	6	958	1%	2	1198	0%	▼	2	1020	0%	▲
	136	970	14%	76	763	10%	▼	86	1018	8%	▼
	12	197	6%	4	144	3%	▼	13	118	11%	▲
	615	749	82%	812	936	87%	-	674	1010	67%	▼

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

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
	229	857	27%	755	975	77%	▲	804	897	90%	▲
	63	859	7%	297	976	30%	▲	526	896	59%	▲
	61	63	97%	280	297	94%	▼	510	526	97%	▲
	46	857	5%	237	975	24%	▲	526	527	100%	▲

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
	675	1194	57%	1310	1456	90%	▲	1214	1263	96%	▲
	461	1194	39%	969	1456	67%	▲	1035	1264	82%	▲
	411	461	89%	946	969	98%	▲	1032	1045	99%	▲
	348	1194	29%	819	1456	56%	▲	1042	1045	100%	▲

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+

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
	116	858	14%	332	976	34%	▲	538	893	60%	▲
	56	124	45%	205	336	61%	▲	41	45	91%	▲
	--	--	--	123	298	41%	▲	361	412	88%	▲
	1	118	1%	20	143	14%	▲	48	112	43%	▲

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
	247	1193	21%	785	1455	54%	▲	961	1259	76%	▲
	139	253	55%	577	791	73%	▲	39	40	98%	▲
	20	267	7%	431	656	66%	▲	591	651	91%	▲
				84	305	28%	▲	120	259	46%	▲

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

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
	182	346	53%	419	503	83%	▲	334	378	88%	▲
	18	182	10%	41	419	10%	▼	29	369	8%	▼
	7	84	8%	27	95	28%	▲	14	55	25%	▼
	8	18	44%	18	41	44%	▼	18	24	75%	▲
	--	--	--	3	41	7%	▲	3	24	13%	▲
	--	--	--	0	41	0%	▲	1	24	4%	▲

4.4 Male Circumcision

Males who are circumcised

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
	26	858	3%	12	965	1%	▼	47	912	5%	▲

5. CHILD HEALTH & HEALTHCARE

5.1 HIV prevalence

2-14

Age Group

2-4

5-9

10-14

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				7	261	2.7%		7	223	3.1%	▲
				3	46	6.5%		0	59	0.0%	▼
				0	89	0.0%		4	85	4.7%	▲
				4	126	3.2%		3	79	3.8%	▲

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				8	295	2.7%		4	243	1.6%	▼
				1	52	1.9%		2	65	3.1%	▲
				4	109	3.7%		2	87	2.3%	▼
				3	134	2.2%		0	91	0.0%	▼

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

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				12	262	5%	▲	33	226	15%	▲
				2	12	17%	▲	1	32	3%	▼
				2	7	29%	▲	0	1	0%	▼

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				12	296	4%	▲	39	245	16%	▲
				1	12	8%	▲	2	39	5%	▼
				0	8	0%	▲	2	4	50%	▲

5.3 Male Circumcision (children 2-14 years)

Males who are circumcised

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				1	260	0%		8	263	3%	▲

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	

5.4 Orphanhood (children 2-17 years)

Paternal orphan
 Maternal orphan
 Double orphan

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				146	387	38%		46	221	21%	▼
				56	387	14%		21	222	9%	▼
				44	387	11%		17	222	8%	▼

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				154	459	34%		46	245	19%	▼
				83	459	18%		25	245	10%	▼
				57	459	12%		18	245	7%	▼

5.5 Sexual Abuse (children 7-14 years)

Ever experienced sexual abuse

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				1	172	1%		0	171	0%	▼

	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
				0	191	0%		2	199	1%	▲

▲: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

