



Manicaland Centre for Public Health Research

Epidemic Status Report 2014

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for

BONDA 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 Bonda, Chidamoyo, Chirahwe, Dowera, Mandimutsira, Mawadza, Ruwende, Sadziwa, Sambaza, Samusodza, Mupatsi, Musakwa, Nyamurundira, Nyatsvimbo, Changunda, Chitsanza, Dera, Dzvairo, Kangaya, Makora, Mangere, Manjoro, Mashingauta, Medzani, Chiwanza and Hwera. In the fourth, fifth and sixth round surveys, 1,353, 1,221 and 1,402 adults participated, respectively. In the fifth and Sixth round 309 and 276 children participated respectively. The numbers of adults fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

KEY RESULTS

- 8.9% of men and 12.7% of women are currently infected with HIV.
- 0.7% of boys and 3.5% 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, 41% of the men and 15% of women have never had an HIV test.
- There was a significant increase in the uptake of ART for men (13% to 38%) and women (32% to 48%) in the past 7 years. However 62% of HIV+ men are not on ART
- Only 30% of boys and 24% 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	%
				15-54 years old						15-54 years old						15-54 years old		
1.1 All Participants (15-54 years old)	73	554	13.2%	47	435	10.8%	34	382	8.9%	111	799	13.9%	95	786	12.1%	87	685	12.7%
1.2 Age Group																		
15-19	9	203	4.4%	2	151	1.3%	2	135	1.5%	9	190	4.7%	3	157	1.9%	2	124	1.6%
20-24	7	103	6.8%	2	67	3.0%	1	50	2.0%	15	119	12.6%	5	118	4.2%	1	86	1.2%
25-34	20	122	16.4%	14	94	14.9%	4	87	4.6%	46	195	23.6%	33	196	16.8%	29	176	16.5%
35-44	21	72	29.2%	15	60	25.0%	12	49	24.5%	21	149	14.1%	32	143	22.4%	35	152	23.0%
45-54	16	54	29.6%	14	63	22.2%	15	61	24.6%	20	146	14%	22	172	12.8%	20	147	13.6%
1.3 Marital Status																		
Single	20	317	6%	7	226	3%	4	199	2%	10	207	5%	3	157	2%	5	117	4%
Married	44	206	21%	34	194	18%	27	170	16%	54	432	13%	44	478	9%	44	456	10%
Divorced/separated/widowed	9	28	32%	5	13	38%	3	12	25%	43	150	29%	48	151	32%	38	112	34%
In non-polygamous union	42	197	21%	33	189	17%	25	162	15%	30	213	14%	41	460	9%	43	448	10%
In polygamous union	0	0	0%	1	4	25%	2	8	25%	0	2	0%	0	5	-	1	7	14%
1.4 Education																		
None/primary	17	107	16%	14	83	17%	11	64	17%	40	261	15%	34	243	14%	33	198	17%
Secondary/higher	56	445	13%	33	350	9%	23	318	7%	71	532	13%	61	538	11%	53	480	11%
1.5 Employment Status																		
Formal employment	5	45	11%	7	30	23%	2	26	8%	4	20	20%	4	20	20%	5	22	23%
Subsistence agriculture	18	92	20%	12	90	13%	6	57	11%	3	14	21%	10	81	12%	10	29	34%
Unemployed	44	266	17%	24	217	11%	24	195	12%	100	650	15%	79	598	13%	71	564	13%
Student	6	150	4%	4	97	4%	2	104	2%	4	112	3.6%	1	86	1%	1	70	1.4%
1.6 Male Circumcision																		
Circumcised	4	32	13%	2	13	15%	1	21	5%									
Uncircumcised	69	522	13%	45	418	11%	33	361	9%									
1.7 Number of Sexual Partners in life																		
0	8	218	4%	7	194	4%	0	2	0%	5	204	2%	1	144	1%	0	3	0%
1	8	81	10%	6	62	10%	2	41	5%	60	380	16%	53	510	10%	43	400	11%
2-4	23	130	18%	12	89	13%	10	64	16%	36	177	20%	38	122	31%	22	93	24%
5+	34	119	29%	22	89	25%	13	83	16%	6	17	35%	3	10	30%	4	7	57%
2. KNOWLEDGE, RISK PERCEPTION & STIGMA																		
2.1 Knowledge - Modes of Transmission*																		
Ritual scarification (Kutemwa nyora)	437	506	86%	268	435	62%	279	382	73%	694	739	94%	711	785	91%	477	681	70%
Mosquito bites	132	499	26%	57	435	13%	82	382	21%	185	661	28%	134	785	17%	151	679	22%
Sharing utensils	83	492	17%	33	434	8%	43	382	11%	90	719	13%	77	779	10%	48	680	7%
2.2 Knowledge - Factors Thought to Increase Risk*																		
Presence of STDs	426	503	85%	221	435	51%	289	382	76%	656	714	92%	711	785	91%	465	681	68%
Condoms	75	505	15%	22	435	5%	31	382	8%	166	698	24%	56	784	7%	94	681	14%
Witchcraft	27	502	5%	7	435	2%	9	382	2%	50	712	7%	24	783	3%	37	680	5%
2.3 Knowledge - Infant Infection																		
Infants can be infected via breastfeeding	453	497	91%	380	435	87%	313	381	82%	677	727	93%	748	786	95%	583	681	86%
All children of HIV+ women infected	197	554	36%	180	435	41%	87	382	23%	314	798	39%	166	786	21%	88	679	13%
2.4 Knowledge - HIV versus AIDS																		
HIV+ person can always be identified visually	178	553	32%	154	435	35%	79	380	21%	297	796	37%	221	786	28%	161	681	24%
2.5 Stigma (Kusemwa)																		
Willing to care for an infected relative	506	552	92%	401	435	92%	353	382	92%	754	799	94%	748	786	95%	656	681	96%
Cared for a relative with AIDS \$	155	549	28%	136	435	31%	134	382	35%	410	799	51%	266	786	34%	224	681	33%
If infected, think neighbours would help	415	553	75%	315	435	72%	290	382	76%	627	796	79%	652	786	83%	528	681	78%
Disclosure of HIV +ve status to spouse/regular partner	8	13	62%	9	15	60%	17	25	68%	14	38	37%	25	62	40%	37	73	51%
Disclosure of HIV +ve status to mother/father	2	13	15%	3	15	20%	1	25	4%	6	38	16%	22	62	35%	18	73	25%
Disclosure of HIV +ve status to employer	0	13	0%	0	15	0%	0	25	0%	0	38	0%	0	62	0%	1	73	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

	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
10	341	3%	7	257	3%	12	204	6%	
114	343	33%	47	194	24%	47	204	23%	
51	217	24%	32	152	21%	50	154	32%	
200	292	68%	125	211	59%	135	204	66%	
15	347	4%	10	257	4%	0	385	0%	
9	344	3%	13	256	5%	5	384	1%	
14	19	74%	14	20	70%	2	5	40%	

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	%
378	552	68%	272	435	63%	355	385	92%	
84	553	15%	123	435	28%	228	385	59%	
81	84	96%	112	123	91%	224	228	98%	
67	552	12%	94	435	22%	228	228	100%	
74.00	551	13%	73	434	17%	261	385	68%	
22	85	26%	22	73	30%	17	18	94%	
..	..	..	50	72	69%	162	178	91%
3	73	4%	6	47	13%	13	34	38%	
32	554	5.78%	13	431	3.02%	21	382	5%	

	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
3	589	1%	3	653	0%	1	536	0%	
91	586	16%	39	467	8%	27	536	5%	
9	110	8%	0	65	0%	3	32	9%	
377	488	77%	448	508	88%	373	467	80%	
54	607	9%	27	653	4%	15	687	2%	
20	607	3%	19	652	3%	5	688	1%	
34	62	55%	29	38	76%	11	20	55%	

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	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
378	552	68%	272	435	63%	355	385	92%	
84	553	15%	123	435	28%	228	385	59%	
81	84	96%	112	123	91%	224	228	98%	
67	552	12%	94	435	22%	228	228	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	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
74.00	551	13%	73	434	17%	261	385	68%	
22	85	26%	22	73	30%	17	18	94%	
..	..	..	50	72	69%	162	178	91%
3	73	4%	6	47	13%	13	34	38%	

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	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
130	192	68%	193	269	72%	214	240	89%	
14	130	11%	12	193	6%	11	17	65%	
9	31	29%	6	27	22%	7	20	35%	
12	14	86%	9	12	75%	10	11	91%	
..	..	..	0	12	0%	0	11	0%
..	..	..	1	12	8%	1	11	9%

4.4 Male Circumcision

Males who are circumcised

	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
32	554	5.78%	13	431	3.02%	21	382	5%	

	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
658	795	83%	697	786	89%	674	688	98%	
322	797	40%	493	786	63%	588	688	85%	
298	322	93%	482	493	98%	576	588	98%	
263	795	33%	421	786	54%	587	588	100%	
101	797	13%	353	784	45%	447	688	65%	
58	109	53%	331	355	93%	51	53	96%	
..	..	..	276	293	94%	212	269	79%
3	111	3%	30	95	32%	42	87	48%	
130	192	68%	193	269	72%	214	240	89%	
14	130	11%	12	193	6%	11	17	65%	
9	31	29%	6	27	22%	7	20	35%	
12	14	86%	9	12	75%	10	11	91%	
..	..	..	0	12	0%	0	11	0%
..	..	..	1	12	8%	1	11	9%

5. CHILD HEALTH & HEALTHCARE

5.1 HIV prevalence

2-14
 Age Group
 2-4
 5-9
 10-14

	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
2-14				2	156	1.3%	1	135	0.7%
2-4				0	28	0.0%	0	16	0.0%
5-9				2	68	2.9%	0	56	0.0%
10-14				0	60	0.0%	1	63	1.6%
15	156	10%	39	132	30%	1	1	100%	
1	15	7%	1	38	3%				
1	2	50%	1	1	100%				
1	151	1%	1	135	1%				
52	232	22%	31	93	33%				
25	232	11%	12	93	13%				
14	232	6%	7	93	8%				
0	103	0%	0	125	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

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	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
4	153	2.6%	5	141	3.5%				
0	42	0.0%	0	35	0.0%				
3	52	5.8%	2	51	3.9%				
1	59	1.7%	3	55	5.5%				
7	153	5%	33	139	24%				
2	7	29%	4	33	12%				
0	4	0%	3	5	60%				
55	242	23%	23	75	31%				
25	241	10%	67	75	89%				
14	242	6%	4	75	5%				
1	89	1%	0	107	0%				

▲: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

