



Manicaland Centre for Public Health Research Epidemic Status Report 2014

Biomedical Research & Training Institute, 10 Seagrave Rd, Avondale, P.O. Box CY 1753, Harare, Zimbabwe
Tel: 04 333091/335641 & Prof S.K Chandiwana Public Health Research Centre, Mutasa D.C., P.O. Box 3449, Hauna.

for

NYABADZA/NYAHUKWE 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 Baradzanwa, Chihomova, Chitsanza, Chiuya, Jukuchuku, Kamba, Makoni, Mataga, Muomwe, Nyabadza, Sabhabha, Bwanya, Chirimutsitu, Mandibaya, Muchichwa, Mujuwapasi, Mutenure, Nyandowe, Bloom of Extension, Bunzve, Chiteka, Chitsike, Madziwa, Magaya, Manhangari B, Mawango, Mufandaedza, Mukumba, Nyanhangare, Nyakwima, Nyamutswa, Sweet Waters, Tsandukwa, Upper Rusape, Village, Village 40, Village A-E, Village O, Zindi, Dzinemurumbi, and Tsanza. In the fourth, fifth and sixth round surveys 709, 680 and 632 adults participated, respectively. In the fifth and Sixth round 193 and 166 children participated respectively. The numbers of adults fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

KEY RESULTS

- 9.4% of men and 19.1% of women are currently infected with HIV.
- 2.2% of boys and 0.6% of girls aged 2-14 years are currently infected with HIV.
- HIV prevalence for men and women has increased 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 increased steadily among men and shows a decline in 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, 31% of the men and 16% of women have never had an HIV test.
- There was a significant increase in the uptake of ART for men (14% to 33%) and women (30% to 36%) in the past 7 years. However 67% of HIV+ men are not on ART
- Only 14% of boys and 15% of girls aged between 2 to 14 were found to have been tested for HIV in their lifetime.

	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. HIV PREVALENCE																		
1.1 All Participants (15-54 years old)	277	2294	12.1%	249	2264	11.0%	227	1939	11.7%	550	3301	16.7%	537	3569	15.0%	472	3030	15.6%
1.2 Age Group																		
15-19	17	708	2.4%	12	694	1.7%	6	599	1.0%	21	709	3.0%	21	695	3.0%	10	541	1.8%
20-24	20	416	4.8%	15	336	4.5%	5	258	1.9%	55	587	9.4%	34	531	6.4%	18	382	4.7%
25-34	101	628	16.1%	63	577	10.9%	50	455	11.0%	227	874	26.0%	175	962	18.2%	138	832	16.6%
35-44	90	330	27.3%	103	401	25.7%	104	272	38.2%	154	621	24.8%	199	739	26.9%	196	716	27.4%
45-54	49	212	23.1%	56	256	21.9%	62	255	24.3%	93	512	18.2%	108	642	16.8%	110	559	19.7%
	15-54 years old																	
	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
1.3 Marital Status																		
Single	40	1135	4%	29	1050	3%	27	916	3%	26	723	4%	24	668	4%	20	501	4%
Married	202	1050	19%	187	1126	17%	174	945	18%	267	1895	14%	279	2241	12%	241	1963	12%
Divorced/separated/widowed	34	107	32%	32	85	38%	26	76	34%	249	662	38%	233	658	35%	211	560	38%
In non-polygamous union	190	995	19%	175	1073	16%	159	899	18%	141	933	15%	257	2132	12%	227	1874	12%
In polygamous union	6	30	20%	11	49	22%	15	50	30%	3	30	10%	16	73	22%	14	77	18%
1.4 Education																		
None/primary	79	427	19%	75	398	19%	57	329	17%	224	1079	21%	213	1129	19%	161	895	18%
Secondary/higher	197	1854	11%	172	1855	9%	168	1605	10%	300	2107	14%	311	2358	13%	300	2057	15%
1.5 Employment Status																		
Formal employment	101	576	18%	82	505	16%	68	399	17%	121	359	34%	105	342	31%	85	273	31%
Subsistence agriculture	48	308	16%	51	366	14%	47	273	17%	42	178	24%	32	255	13%	40	164	24%
Unemployed	117	925	13%	104	876	12%	93	738	13%	376	2368	16%	391	2567	15%	329	2193	15%
Student	11	480	2.3%	12	515	2%	7	477	1%	9	390	2.3%	8	402	2%	6	332	1.8%
1.6 Male circumcision																		
Circumcised	32	165	19%	9	84	11%	10	135	7%									
Not circumcised	245	2125	12%	240	2168	11%	213	1,776	12%									
1.7 Number of Sexual Partners in life																		
0	18	766	2%	26	948	3%	0	12	0%	13	677	2%	15	615	2%	0	26	0%
1	35	352	10%	22	300	7%	20	220	9%	269	1712	16%	266	2185	12%	219	1626	13%
2-4	95	603	16%	83	529	16%	69	465	15%	202	752	27%	216	677	32%	150	524	29%
5+	127	557	23%	118	485	24%	112	470	24%	55	115	48%	37	86	43%	37	81	46%
2. KNOWLEDGE, RISK PERCEPTION & STIGMA																		
	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%
2.1 Knowledge - Modes of Transmission*																		
Ritual scarification (Kutemwa nyora)	1792	2188	82%	1676	2262	74%	895	1175	76%	2853	3114	92%	2925	3559	82%	1458	2242	65%
Mosquito bites	434	2167	20%	344	2261	15%	223	1177	19%	720	2921	25%	721	3567	20%	449	2246	20%
Sharing utensils	309	2164	14%	215	2255	10%	89	1177	8%	405	3034	13%	392	3551	11%	182	2244	8%
2.2 Knowledge - Factors Thought to Increase Risk*																		
Presence of STDs	1709	2172	79%	1324	2263	59%	936	1174	80%	2789	3034	92%	3005	3568	84%	1683	2246	75%
Condoms	223	2195	10%	139	2262	6%	75	1177	6%	549	3022	18%	370	3567	10%	268	2247	12%
Witchcraft	78	2193	4%	105	2258	5%	32	1177	3%	160	3062	5%	159	3563	4%	120	2247	5%
2.3 Knowledge - Infant Infection																		
Infants can be infected via breastfeeding	1918	2161	89%	1920	2264	85%	992	1174	84%	2731	3009	91%	3215	3569	90%	1882	2247	84%
All children of HIV+ women infected	919	2293	40%	799	2263	35%	181	1177	15%	1303	3297	40%	994	3567	28%	276	2244	12%
2.4 Knowledge - HIV versus AIDS																		
HIV+ person can always be identified visually	724	2288	32%	734	2264	32%	222	1174	19%	1217	3292	37%	1079	3563	30%	523	2247	23%
2.5 Stigma (Kusemwa)																		
Willing to care for an infected relative	2069	2290	90%	1998	2263	88%	1135	1177	96%	3062	3298	93%	3344	3569	94%	2168	2247	96%
Cared for a relative with AIDS §	625	2286	27%	651	2263	29%	501	969	52%	1232	3289	37%	1077	3569	30%	819	1608	51%
If infected, think neighbours would help	1659	2290	72%	1543	2257	68%	910	1177	77%	2316	3293	70%	2639	3568	74%	1611	2247	72%
Disclosure of HIV +ve status to spouse/regular partner	19	30	63%	66	93	71%	97	125	78%	36	105	34%	120	285	42%	159	310	51%
Disclosure of HIV +ve status to mother/father	4	30	13%	16	93	17%	32	125	26%	17	105	16%	77	285	27%	128	310	41%
Disclosure of HIV +ve status to employer	1	30	3%	3	93	3%	4	125	3%	1	105	1%	1	285	0%	8	310	3%

3. SEXUAL RISK BEHAVIOUR & STD SYMPTOMS			
3.1 Sexual Behaviour			
More than one partner in last month**	54	1546	3%
One or more new partner(s) in the last year.	455	1564	29%
Consistent condom use with all casual partners for >=3 years	233	1039	22%
Can negotiate for safer sexual relations with spouse	853	1337	64%
3.2 STD Symptoms - Last 12 Months			
Genital discharge	40	1580	3%
Genital sore/ulcer	44	1577	3%
Sought treatment at hospital/clinic last time had symptoms	42	71	59%

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
54	1546	3%	70	1428	5%	▲	94	1165	8%	▲
455	1564	29%	284	986	29%	—	310	1163	27%	▼
233	1039	22%	206	852	24%	▲	737	866	85%	▲
853	1337	64%	750	1207	62%	▼	688	1176	59%	▼
40	1580	3%	78	1430	5%	▲	14	1927	1%	▼
44	1577	3%	68	1429	5%	▲	33	1926	2%	▼
42	71	59%	90	119	76%	▲	22	38	58%	▼

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
6	2624	0%	12	2999	0%	—	19	2271	1%	▲
444	2643	17%	221	2056	11%	▼	199	2270	9%	▼
43	512	8%	22	344	6%	▼	129	214	60%	▲
1725	2201	78%	2025	2391	85%	▲	1390	2244	62%	▼
205	2681	8%	112	3001	4%	▼	84	2927	3%	▼
83	2681	3%	79	3001	3%	—	49	2980	2%	▼
122	249	49%	108	162	67%	▲	65	122	53%	▼

4. UPTAKE OF HIV SERVICES			
4.1 HIV Testing			
Know where to get an HIV test	1127	2287	49%
Tested for HIV	250	2292	11%
Collected results	229	250	92%
Tested for HIV in the last 2 years	401	2287	18%
4.2 ARV Treatment			
Heard of drugs for HIV/AIDS	251	2287	11%
Think these drugs work	84	269	31%
Know that drugs are available in the area	--	--	--
Receiving ART of those HIV+	3	277	1%
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	165	2290	7%

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
1127	2287	49%	1589	2261	70%	▲	1756	1926	91%	▲
250	2292	11%	618	2263	27%	▲	1114	1925	58%	▲
229	250	92%	589	618	95%	▲	1080	1115	97%	▲
401	2287	18%	507	2261	22%	▲	5	1116	0%	▼
251	2287	11%	571	2256	25%	▲	1228	1922	64%	▲
84	269	31%	256	582	44%	▲	84	95	88%	▲
--	--	--	325	560	58%	-	751	882	85%	▲
3	277	1%	53	249	21%	▲	89	227	39%	▲
165	2290	7%	84	2252	4%	▼	137	1929	7%	▲

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
2342	3292	71%	3091	3568	87%	▲	2818	2970	95%	▲
1098	3295	33%	2132	3569	60%	▲	2386	2980	80%	▲
974	1098	89%	2067	2132	97%	▲	2349	2390	98%	▲
1098	3292	33%	1838	3568	52%	▲	5	2393	0%	▼
440	3285	13%	1539	3562	43%	▲	1832	2982	61%	▲
228	462	49%	1196	1553	77%	▲	137	149	92%	▲
--	--	--	1001	1244	80%	▲	892	1112	80%	▼
11	550	2%	158	537	29%	▲	207	472	44%	▲
463	965	48%	812	1,220	67%	▲	728	834	87%	▲
28	463	6%	46	812	6%	—	51	793	6%	▲
14	172	8%	27	146	18%	▲	24	108	22%	▲
22	28	79%	29	46	63%	▼	31	42	74%	▲
--	--	--	0	46	0%	-	6	42	14%	▲
--	--	--	1	46	2%	-	7	42	17%	▲

5. CHILD HEALTH & HEALTHCARE			
5.1 HIV prevalence			
2-14			
Age Group			
2-4	4	170	2.4%
5-9	7	319	2.2%
10-14	4	293	1.4%
5.2 HIV Testing & Treatment (children 2-14 years)			
Ever tested for HIV in life	39	782	5%
HIV+ children among those tested for HIV	5	39	13%
HIV+ children on ART	4	15	27%
5.3 Male Circumcision (children 2-14 years)			
Males who are circumcised	7	751	1%
5.4 Orphanhood (children 2-17 years)			
Paternal orphan	287	1159	25%
Maternal orphan	143	1159	12%
Double orphan	91	1159	8%
5.5 Sexual Abuse (children 7-14 years)			
Ever experienced sexual abuse	0	485	0%

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
			15	782	1.9%		13	626	2.1%	▲
			4	170	2.4%		1	106	0.9%	▼
			7	319	2.2%		8	244	3.3%	▲
			4	293	1.4%		4	276	1.4%	▲
			39	782	5%	-	103	618	17%	▲
			5	39	13%	-	5	101	5%	▼
			4	15	27%	-	5	13	38%	▲
			7	751	1%	-	16	622	3%	▲
			287	1159	25%		83	629	13%	▼
			143	1159	12%		44	629	7%	▼
			91	1159	8%		1	603	0%	▼
			0	485	0%		1	532	0%	▲

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
			12	756	1.6%		12	646	1.9%	▲
			1	174	0.6%		2	136	1.5%	▲
			7	266	2.6%		5	242	2.1%	▼
			4	316	1.3%		5	268	1.9%	▲
			21	754	3%		99	628	16%	▲
			4	21	19%		7	99	7%	▼
			2	12	17%		5	12	42%	▲
			304	1168	26%		93	646	14%	▼
			160	1167	14%		55	644	9%	▼
			100	1168	9%		3	643	0%	▼
			2	478	0%		3	516	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

