

# Manicaland Centre for Public Health Research HIV 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

## WATSOMBA 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 in Watsomba: Charumuka, Chidawanyika, Chimbadzwa, Chimuriwo, Chishawa, Danhama, Govhingo, Manhanga, Marira, Mukoyi, Mvere, Nyatsanza, Samushonga, Vhumbunu, Jarayi, Kudzunge, Moyoweshumba, Musewe, Nyakatsapa, Nyambayo, Ziteya, Matenganyika, Kohwa, Magute, Manyeredzi, Rufaro, Rusuko, Tsonzo, Shungu Small Scale and Terera. In the fourth, fifth and sixth round surveys 1,321, 1,457 and 1,128 adults participated, respectively. In the fifth and sixth rounds, 357 and 291 children participated, respectively. The numbers of participants fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

#### **KEY RESULTS**

- 11.1% of men and 16.1% of women are currently infected with HIV.
- 3% of boys and 0.6% of girls aged 2-14 years are currently infected with HIV.
- HIV prevalence for men and women has increased over the past 8 years.
- 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 who disclose to a spouse/partner is higher than the proportion who disclose to their parents.
- The proportion of adults having an HIV test has increased substantially over the last 8 years. However, 42% of the men and 23% of women have never had an HIV test.
- There have been large increases in uptake of ART for men (27% to 52%) and for women (23% to 36%) in the past 7 years.
- Only 11% of boys and 10% of girls aged between 2 to 14 were found to have been tested for HIV in their lifetime.

					MAL	ES										FEMA	LES					
		OUND 006-200	-		ROUNE 2009-20	5		-	ROUNI 2012-20			-	ROUND 006-200	-		ROUNI (2009-20	0 5			ROUNE 2012-20		
1. HIV PREVALENCE	HIV+ people	Total	%	HIV+ people	Total	%		HIV+ people	Total	%		HIV+ people	Total	%	HIV+ people	Total	%		HIV+ people	Total	%	
	45	525										114	796					v			4.5.407	
1.1 All Participants (15-54 years old) 1.2 Age Group	45	525	8.6%	52	562	9.3%	•	48	432	11.1%	_	114	796	14.3%	120	895	13.4%	•	112	696	16.1%	
1.2 Age Group 15-19	6	209	2.9%	5	210	2.4%	_	2	145	1.4%	_	3	183	1.6%	4	199	2.0%	<b>A</b>	4	128	3.1%	<b>A</b>
20-24	3	109	2.8%	6	103	5.8%	À	2	74	2.7%	¥	13	139	9.4%	7	124	5.6%	₹ I	6	86	7.0%	<u> </u>
25-34	16	116	13.8%	15	126	11.9%	▼	15	99	15.2%	<u> </u>	39	188	20.7%	39	226	17.3%	▼	35	189	18.5%	
35-44	12	55	21.8%	17	78	21.8%	▼	18	71	25.4%	<b>A</b>	34	140	24.3%	45	181	24.9%	<b>A</b>	43	157	27.4%	•
45-54	8	36	22.2%	9	45	20.0%	▼	11	43	25.6%	<b>A</b>	25	146	17%	25	165	15.2%	▼	24	136	17.6%	•
		Total		1	15-54 yea	ars old			Total				Total			15-54 ye	ars old			Total		
1.3 Marital Status	Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%		Said Yes	Asked	%	Said Yes	Asked	%	5	Said Yes	Asked	%	
Single	8	336	2%	11	326	3%	•	8	226	4%	<b>A</b>	7	209	3%	7	215	3%	▼	6	136	4%	•
Married	30	169	18%	32	214	15%	▼	34	189	18%	<b>A</b>	52	440	12%	61	531	11%	▼	51	422	12%	<b>A</b>
Divorced/separated/widowed	7	21	33%	9	22	41%	<u> </u>	6	17	35%	▼	55	144	38%	52	149	35%	▼	55	138	40%	<b>A</b>
In non-polygamous union	27	162	17%	32	210	15%	▼	31	184	17%	<u>*</u>	22	190	12%	58	507	11%	<b>V</b>	50	411	12%	<b>A</b>
In polygamous union	0	3	0%	0	4	0%	-	3	5	60%	•	0	7	0%	3	20	15%	•	1	10	10%	•
1.4 Education																						
None/primary Secondary/higher	9 36	46 474	20% 8%	13 39	65 494	20% 8%	<b>A</b>	10 38	39 392	26% 10%	<b>A</b>	38 73	219 559	17% 13%	33 84	233 643	14% 13%	<b>Y</b>	21 87	166 515	13% 17%	<b>V</b>
1.5 Employment Status																						
Formal employment	2	36	6%	3	43	7%	•	4	36	11%	<b>A</b>	2	16	13%	3	21	14%	<b>A</b>	4	30	13%	▼
Subsistence agriculture	7	54	13%	15	130	12%	▼	5	28	18%	•	23	111	21%	12	88	14%	▼	20	63	32%	•
Unemployed	32	312	10%	30	246	12%	•	36	248	15%	<b>A</b>	87	559	16%	103	662	16%	▼	85	511	17%	<b>A</b>
Student	4	121	3%	4	143	3%	▼	2	119	2%	▼	2	109	1.8%	2	123	2%	•	3	91	3.3%	•
1.6 Male Circumcision	<u> </u>																					
Circumcised Not circumcised	9 36	29 495	31% 7%	1 51	9 550	11% 9%	X	1 46	37 394	3% 12%	X A											
1.7 Number of Sexual Partners in Life																						
1.7 Number of Sexual Partners in Life	5	233	2%	10	269	4%	•	0	5	0%	▼	3	184	2%	6	201	3%		0	2	0%	_
1	8	71	11%	8	84	10%	₽.	5	51	10%	X	68	443	15%	65	519	13%		58	392	15%	Ă
2-4	12	105	11%	16	110	15%	X	14	97	14%	Ţ.	35	143	24%	43	157	27%		34	99	34%	<b>A</b>
5+	19	114	17%	18	99	18%		22	96	23%	Ă	8	24	33%	5	16	31%		4	11	36%	<b>I</b>
						,													•			
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	%	5	Said Yes	Total Asked	%	
2.1 Knowledge - Modes of Transmission*				•																		
Ritual scarification (Kutemwa nyora)	306	510	60%	487	561	87%	•	292	414	71%	▼	734	765	96%	593	891	67%	▼	333	649	51%	▼
Mosquito bites	90	509	18%	94	562	17%	Ţ	81	415	20%	Ă	153	726	21%	207	895	23%	Ă	107	650	16%	<b>*</b>
Sharing utensils	80	513	16%	45	558	8%	▼	42	414	10%	1	105	747	14%	91	889	10%	Ŧ	46	649	7%	Ť
2.2 Knowledge - Factors Thought to Increase Risk*																						
Presence of STDs	402	498	81%	400	561	71%	▼	336	415	81%	<b>A</b>	698	752	93%	740	895	83%	▼	527	648	81%	▼
Condoms	43	511	8%	36	561	6%	▼	39	415	9%	•	110	749	15%	94	895	11%	▼	109	650	17%	•
Witchcraft	14	512	3%	24	560	4%	•	26	415	6%	•	30	757	4%	31	893	3%	•	35	650	5%	•
2.3 Knowledge - Infant Infection	l																					
Infants can be infected via breastfeeding	468	505	93%	500	562	89%	▼	348	415	84%	▼	686	748	92%	777	895	87%	▼	523	650	80%	▼
All children of HIV+ women infected	205	525	39%	150	562	27%	•	95	415	23%	•	265	796	33%	196	893	22%	•	85	650	13%	•
2.4 Knowledge - HIV versus AIDS	1 1																					
HIV+ person can always be identified visually	189	525	36%	141	562	25%	▼	74	415	18%	▼	287	794	36%	247	890	28%	•	114	650	18%	•
2.5 Stigma (Kusemwa)	] [						_				]											
Willing to care for an infected relative	426	525	81%	471	562	84%	<b>A</b>	385	415	93%	<b>A</b>	723	795	91%	835	895	93%	<b>A</b>	610	649	94%	•
Cared for a relative with AIDS §	112	523	21%	135	562	24%	•	102	415	25%	<b>A</b>	250	791	32%	265	895	30%	▼	195	650	30%	•
If infected, think neighbours would help	346	523	66%	385	560	69%	•	328	415	79%	<b>A</b>	497	796	62%	638	895	71%	•	474	650	73%	<b>A</b>
Disclosure of HIV +ve status to spouse/regular partner	2	2	100%	14	24	58%	▼	19	30	63%	<b>A</b>	5	17	29%	25	64	39%	•	22	65	34%	▼
Disclosure of HIV +ve status to mother/father	0	2	0%	6	24	25%	•	4	30	13%	▼	4	17	24%	16	64	25%	<b>A</b>	8	65	12%	▼
Disclosure of HIV +ve status to employer	0	2	0%	0	24	0%	_	0	30	0%	_	0	17	0%	0	64	0%	_	1	65	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
3.2 STD Symptoms - Last 12 Months
Genital discharge
Genital sore/ulcer
Sought treatment at hospital/clinic last time had symptoms

Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
5	301	2%	10	313	3%	•	18	246	7%	•
81	306	26%	60	206	29%	•	70	244	29%	•
56	190	29%	44	177	25%	▼	45	177	25%	•
160	250	64%	163	241	68%	•	158	233	68%	•
2	308	1%	9	314	3%	•	7	428	2%	▼
4	308	1%	6	315	2%	•	6	428	1%	▼
3	5	60%	9	13	69%	•	7	10	70%	•
		,								

	%	Asked	Said Yes		%	Asked	Said Yes	%	Asked	Said Yes
•	1%	537	7	•	1%	711	5	0%	619	1
▼	6%	536	32	▼	8%	459	38	14%	622	88
•	10%	42	4	▼	4%	77	3	5%	132	7
▼	73%	444	325	•	84%	560	471	78%	478	371
•	2%	614	14	•	4%	711	25	6%	624	36
▼	2%	663	12	•	3%	709	20	2%	625	13
•	80%	20	16	•	51%	39	20	49%	41	20
¥ ¥ 4	73% 2% 2%	614 663	325 14 12	<b>*</b>	84% 4% 3%	711 709	471 25 20	78% 6% 2%	478 624 625	6

4.1 HIV To	
	e to get an HIV test
Tested for	• • • •
Collected	esults
Tested for	HIV in the last 2 years
4.2 ARV 1	reatment
Heard of o	rugs for HIV/AIDS
Think thes	e drugs work
Know that	drugs are available in the area
Receiving	ART of those HIV+
4.3 PMTC	(Prevention of Mother-To-Child Transmission)
Mother tes	ed for HIV (last pregnancy in last three years)
Mother HI	+ve (self-reported)
HIV+ moth	ers who received sdNVP for PMTCT
sdNVP tre	atment for infant
MER trea	ment for infant
ART treati	nent for infant
4.4 Male (	ircumcision

		%	Said Yes	Asked	%		Said Yes	Asked	%	
			•				-			
167	521	32%	481	562	86%	•	397	429	93%	•
46	525	9%	187	562	33%	•	249	428	58%	•
43	46	93%	182	187	97%	•	241	251	96%	▼
39	521	7%	165	562	29%	•	148	251	59%	•
57	525	11%	208	560	37%	•	239	427	56%	•
24	60	40%	125	212	59%	•	11	14	79%	•
122	122		153	192	80%	-	150	151	99%	•
0	45	0%	14	52	27%	•	25	48	52%	•
29	524	6%	9	559	2%	•	37	431	9%	•

20	41	49%	20	39	51%	<b>A</b>	16	20	80%	•
0										
Said Yes	Asked	%			%		Said Yes	Asked	%	
524	794	66%	802	894	90%	•	604	654	92%	•
289	794	36%	577	895	64%	•	509	665	77%	•
253	289	88%	569	577	99%	•	500	504	99%	•
193	794	24%	506	894	57%	•	221	504	44%	▼
142	792	18%	449	894	50%	•	437	669	65%	•
51	146	35%	318	453	70%	•	18	18	100%	•
62	122		311	375	83%	•	271	274	99%	•
4	114	4%	27	120	23%	_	40	112	36%	_
1		-,-				_				_
143	226	63%	214	272	79%	•	150	158	95%	•
6	143	4%	7	214	3%	▼	6	154	4%	•
3	32	9%	7	26	27%	•	2	17	12%	▼
4	6	67%	6	7	86%	•	3	6	50%	▼
'	'		0	7	0%	-	2	6	33%	•
	'		О	7	0%	-	3	6	50%	•
-							1			
			1							

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
Ever experienced sexual abuse

	Total			Total				Total		
Said Yes	Asked	%	Said Yes	Asked	%		Said Yes	Asked	%	
			-							
			3	175	1.7%		4	132	3.0%	
			1	38	2.6%		1	22	4.5%	
			1	75	1.3%		1	53	1.9%	1
			1	62	1.6%		2	57	3.5%	1
			8	176	5%	-	14	127	11%	٠,
			0	8	0%	-	1	13	8%	
			0	3	0%	-	1	1	100%	
			1	169	1%	-	5	130	4%	4
			79	279	28%		27	55	49%	7
			45	279	16%		12	58	21%	4
			27	279	10%		1	532	0%	•
			0	108	0%		0	110	0%	-

	Total			Total			Total		
Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%	
			2	182	1.1%	1	159	0.6%	٠,
			0	37	0.0%	0	34	0.0%	-
			1	61	1.6%	0	54	0.0%	٠,
			1	84	1.2%	1	71	1.4%	
			1						
			3	181	2%	15	152	10%	
			Ö	3	0%	1	15	7%	
			0	2	-	1	1	100%	٠,
			101	309	33%	11	47	23%	,
			66	309	21%	11	48	23%	
			40	309	13%	3	516	1%	
			0	121	0%	0	128	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







