



# Manicaland Centre for Public Health Research Epidemic Status Report 2014

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for

## ALL SITES COVERED BY THE PROJECT

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### 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 rounds covered the following areas: Eastern Highlands, Honde Mission, Selbourne, Nyanga, Watsomba, Nyazura, Nyabadza/Nyahukwe, and Bonda Mission. In Round 4, 5 and 6: 7,649, 9,512 and 8, 065 adults participated, respectively. Round 5 and 6 had 2,379 and 1945 children who participated respectively. The numbers of adults fluctuated between rounds due to migration, changes in survey eligibility criteria and other factors.

### KEY RESULTS

- 12.4% of men and 18.0% of women are currently infected with HIV.
- 2.3% of boys and 2.0% 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 remained the same for men whilst that of women decreased.
- 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, 42% of the men and 20% of women have never had an HIV test.
- There was a significant increase in the uptake of ART for men (1% to 41%) and women (5% to 48%) in the past 6 years.
- The proportion of children ever tested for HIV in their entire life between the ages of 2 to 14 has gradually increased over the past 6 years. However only 16% of children were found to have been tested.

<b>1. ADULT HIV PREVALENCE (15-54 years old)</b>			
<b>1.1 All Participants</b>			
<b>1.2 Age Group</b>			
15-19	24	1,041	2%
20-24	37	714	5%
25-34	186	1,031	18%
35-44	148	487	30%
45-54	78	322	24%
<b>1.3 Marital Status</b>			
Single	75	1,808	4%
Married	338	1,622	21%
Divorced/separated/widowed	58	159	36%
In non-polygamous union	321	1,547	21%
In polygamous union	10	43	23%
<b>1.4 Education</b>			
None/primary	124	649	19%
Secondary/higher	340	2,916	12%
<b>1.5 Employment Status</b>			
Formal employment	143	801	18%
Subsistence agriculture	73	454	16%
Unemployed	240	1,662	14%
Student	15	664	2%
<b>1.6 Male circumcision</b>			
Circumcised	40	211	14%
Not circumcised	432	3,375	12%
<b>1.7 Number of Sexual Partners in Lifetime</b>			
0	27	1,144	2%
1	54	551	10%
2-4	167	943	18%
5+	222	926	24%

<b>MALES</b>								
<b>ROUND 4 (2006-2008)</b>			<b>ROUND 5 (2009-2011)</b>			<b>ROUND 6 (2012-2013)</b>		
HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%
473	3,595	13.2%	453	3,699	12.2%	394	3,177	12.4%
<b>1.2 Age Group</b>								
24	1,041	2%	19	1,087	2%	16	925	2%
37	714	5%	26	548	5%	9	447	2%
186	1,031	18%	131	999	13%	88	812	11%
148	487	30%	184	674	27%	178	606	29%
78	322	24%	93	391	24%	103	387	27%
<b>1.3 Marital Status</b>								
75	1,808	4%	48	1,665	3%	41	1,426	3%
338	1,622	21%	344	1,874	18%	297	1,592	19%
58	159	36%	60	157	38%	56	154	36%
321	1,547	21%	328	1,800	18%	278	1,527	18%
10	43	23%	15	68	22%	19	89	21%
<b>1.4 Education</b>								
124	649	19%	128	640	20%	98	534	18%
340	2,916	12%	317	3,036	10%	291	2,632	11%
<b>1.5 Employment Status</b>								
143	801	18%	121	713	17%	97	535	18%
73	454	16%	94	605	16%	86	530	16%
240	1,662	14%	219	1,603	14%	187	1,359	14%
15	664	2%	19	776	2%	12	698	2%
<b>1.6 Male circumcision</b>								
40	211	14%	15	111	14%	17	215	8%
432	3,375	12%	434	3,561	12%	372	2,922	13%
<b>1.7 Number of Sexual Partners in Lifetime</b>								
27	1,144	2%	44	1,490	3%	18	1,030	2%
54	551	10%	43	488	9%	36	417	9%
167	943	18%	160	886	18%	121	816	15%
222	926	24%	206	831	25%	205	822	25%

<b>FEMALES</b>								
<b>ROUND 4 (2006-2008)</b>			<b>ROUND 5 (2009-2011)</b>			<b>ROUND 6 (2012-2013)</b>		
HIV+ people	Total	%	HIV+ people	Total	%	HIV+ people	Total	%
986	5,040	19.6%	1,023	5,813	17.6%	878	4,888	18.0%
<b>1.2 Age Group</b>								
38	1,039	4%	41	1,120	4%	20	869	2%
111	928	12%	70	860	8%	44	631	7%
429	1,404	31%	363	1,650	22%	261	1,417	18%
260	916	28%	344	1,165	30%	349	1,109	31%
148	755	20%	205	1,018	20%	204	862	24%
<b>1.3 Marital Status</b>								
73	1,149	6%	52	1,098	5%	35	792	4%
480	2,852	17%	537	3,622	15%	449	3,147	14%
417	998	42%	433	1,091	40%	394	941	42%
235	1,388	17%	497	3,453	14%	429	3,028	14%
8	50	16%	33	132	25%	19	120	16%
<b>1.4 Education</b>								
384	1,620	24%	389	1,799	22%	318	1,413	23%
557	3,257	17%	598	3,877	15%	535	3,367	16%
<b>1.5 Employment Status</b>								
150	465	32%	140	465	30%	103	346	30%
130	409	32%	111	531	21%	112	376	30%
683	3,581	19%	751	4,152	18%	641	3,592	18%
20	576	3.5%	20	662	3%	10	505	2%
<b>1.6 Male circumcision</b>								
			N/A			N/A		
<b>1.7 Number of Sexual Partners in Lifetime</b>								
33	1,047	3%	33	1,009	3%	17	708	2%
457	2,586	18%	476	3,467	14%	412	2,860	14%
364	1,132	32%	424	1,163	36%	333	998	33%
112	204	55%	87	162	54%	87	159	55%

<b>2. KNOWLEDGE, RISK PERCEPTION &amp; STIGMA</b>			
<b>2.1 Knowledge - Modes of Transmission*</b>			
Ritual scarification (Kutemwa nyora)	2,562	3,450	74%
Mosquito bites	625	3,396	18%
Sharing utensils	479	3,416	14%
<b>2.2 Knowledge - Factors Thought to Increase Risk*</b>			
Presence of STDs	2,621	3,393	77%
Condoms	350	3,448	10%
Witchcraft	106	3,450	3%
<b>2.3 Knowledge - Infant Infection</b>			
Infants can be infected via breastfeeding	3,035	3,409	89%
All children of HIV+ women infected	1,315	3,593	37%
<b>2.4 Knowledge - HIV versus AIDS</b>			
HIV+ person can always be identified visually	1,132	3,589	32%
<b>2.5 Stigma (Kusemwa)</b>			
Willing to care for an infected relative	3,197	3,590	89%
Cared for a relative with AIDS §	924	3,583	26%
If infected, think neighbours would help	2,502	3,586	70%
Disclosure of HIV +ve status to spouse/regular partner	27	47	57%
Disclosure of HIV +ve status to mother/father	7	47	15%
Disclosure of HIV +ve status to employer	1	47	2%

<b>Total</b>			<b>Total</b>			<b>Total</b>		
Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
2,562	3,450	74%	2,780	3,692	75%	2,587	3,149	82%
625	3,396	18%	660	3,695	18%	747	3,151	24%
479	3,416	14%	431	3,677	12%	323	3,151	10%
2,621	3,393	77%	2,273	3,697	61%	2,391	3,149	76%
350	3,448	10%	295	3,695	8%	248	3,152	8%
106	3,450	3%	228	3,689	6%	149	3,151	5%
3,035	3,409	89%	3,175	3,699	86%	2,610	3,149	83%
1,315	3,593	37%	1,209	3,698	33%	664	3,150	21%
1,132	3,589	32%	1,110	3,698	30%	621	3,148	20%
3,197	3,590	89%	3,210	3,697	87%	2,970	3,153	94%
924	3,583	26%	990	3,697	27%	1,028	2,191	47%
2,502	3,586	70%	2,553	3,688	69%	2,384	3,153	76%
27	47	57%	117	161	73%	157	215	73%
7	47	15%	39	161	24%	58	215	27%
1	47	2%	5	161	3%	8	215	4%

<b>Total</b>			<b>Total</b>			<b>Total</b>		
Said Yes	Asked	%	Said Yes	Asked	%	Said Yes	Asked	%
4,289	4,805	89%	4,779	5,800	82%	3,239	4,838	67%
1,122	4,501	25%	1,253	5,811	22%	1,093	4,838	23%
611	4,678	13%	542	5,786	9%	417	4,838	9%
4,344	4,691	93%	4,956	5,811	85%	3,718	4,838	77%
776	4,673	17%	551	5,811	9%	774	4,839	16%
230	4,725	5%	250	5,804	4%	319	4,841	7%
4,224	4,659	91%	5,213	5,813	90%	4,032	4,841	83%
1,766	5,035	35%	1,419	5,810	24%	805	4,839	17%
1,772	5,030	35%	1,603	5,803	28%	1,073	4,839	22%
4,686	5,036	93%	5,420	5,811	93%	4,575	4,842	94%
1,839	5,016	37%	1,890	5,813	33%	1,599	3,246	49%
3,437	5,027	68%	4,232	5,808	73%	3,393	4,841	70%
67	194	35%	254	567	45%	287	589	49%
33	194	17%	150	567	26%	214	589	36%
2	194	1%	1	567	0%	14	589	2%

### 3. SEXUAL RISK BEHAVIOUR & STD SYMPTOMS

<b>3.1 Sexual Behaviour</b>	
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	
<b>3.2 STD Symptoms - Last 12 Months</b>	
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	%		
93	2,471	4%	127	2,418	5%	▲	157	2,096	7%	▲
701	2,493	28%	493	1,642	30%	▲	582	2,089	28%	▼
385	1,665	23%	361	1,472	25%	▲	1,078	1,742	62%	▲
1353	2134	63%	1,348	2,072	65%	▲	1,291	3,131	41%	▼
56	2,531	2%	113	2,425	5%	▲	27	3,165	1%	▼
58	2,528	2%	98	2,423	4%	▲	69	3,164	2%	▼
56	95	59%	134	174	77%	▲	55	76	72%	▼

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
18	4,023	0%	25	4,860	1%	▲	31	4,110	1%	-
658	4,053	16%	375	3,324	11%	▲	371	4,104	9%	▼
77	819	9%	41	608	7%	▼	2,542	4,053	63%	▲
2644	3320	80%	3,312	3,879	85%	▲	2,624	4,721	56%	▼
321	4,111	8%	204	4,875	4%	▼	158	4,751	3%	▼
157	4,106	4%	135	4,874	3%	▼	90	4,861	2%	▼
220	396	56%	194	290	67%	▲	118	219	54%	▼

### 4. UPTAKE OF HIV SERVICES

<b>4.1 HIV Testing</b>	
Knows where to get an HIV test	
Tested for HIV	
Collected results	
Tested for HIV in the last 2 years	
<b>4.2 ARV Treatment</b>	
Heard of drugs for HIV/AIDS	
Think these drugs work	
Know that drugs are available in the area	
Receiving ART of those HIV+	
<b>4.3 PMTCT (Prevention of Mother-To-Child Transmission)</b>	
Mother tested for HIV (last pregnancy in last 3 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	
<b>4.4 Male Circumcision</b>	
Males who are circumcised	

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
1579	3581	44%	2,734	3,695	74%	▲	2,881	3,136	92%	▲
374	3,589	10%	1,084	3,697	29%	▲	1,837	3,163	58%	▲
344	374	92%	1,033	1,084	95%	▲	1,787	1,844	97%	▲
496	3581	14%	890	3,695	24%	▲	1,840	3,163	58%	▲
464	3,583	13%	1,048	3,688	28%	▲	1,991	3,158	63%	▲
177	493	36%	589	1,092	54%	▲	137	150	91%	▲
-	-	-	569	1,003	57%	▲	1,260	1,463	86%	▲
4	473	1%	80	453	18%	▲	143	394	36%	▲
211	3,586	6%	111	3,672	3%	▼	318	3,211	10%	▲

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
3440	5027	68%	5,126	5,811	88%	▲	4,597	4,835	95%	▲
1,778	5,030	35%	3,667	5,812	63%	▲	3,903	4,862	80%	▲
1,582	1,778	89%	3,562	3,667	97%	▲	3,866	3,926	98%	▲
1617	5027	32%	3,124	5,811	54%	▲	3,918	4,862	81%	▲
883	5,019	18%	2,802	5,796	48%	▲	3,195	4,859	66%	▲
439	916	48%	2,197	2,835	77%	▲	195	204	96%	-
-	-	-	1,806	2,294	79%	▲	1,732	2,038	85%	▲
44	986	4%	299	1,023	29%	▲	380	878	43%	▲
759	1,461	52%	1,471	2,000	74%	▲	1,230	1,398	88%	▲
54	759	7%	106	1,471	7%	▲	79	1,348	6%	▼
28	296	9%	67	282	24%	▲	46	182	25%	▲
38	54	70%	55	106	52%	▼	57	76	75%	▲
-	-	-	4	106	4%	▲	10	76	13%	▲
-	-	-	5	106	5%	▲	8	76	11%	▲

### 5. CHILD HEALTH & HEALTHCARE

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

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
			25	1,174	2.1%		21	925	2.3%	▲
			7	242	2.9%		1	181	0.6%	▼
			9	465	1.9%		12	358	3.4%	▲
			9	467	1.9%		8	378	2.1%	▲
			55	1174	5%		143	921	16%	▲
			7	55	13%		7	140	5%	▼
			6	25	24%		6	21	29%	▲
			9	1,139	1%		21	918	2%	▲
			492	1733	28%		139	871	16%	▼
			232	1733	13%		62	871	7%	▼
			156	1733	9%		30	869	3%	▼
			1	739	0%		2	763	0%	—

Said Yes	Total Asked	%	Said Yes	Total Asked	%	Said Yes	Total Asked	%		
			21	1,205	1.7%		19	970	2.0%	▲
			2	265	0.8%		4	216	1.9%	▲
			12	431	2.8%		9	364	2.5%	▼
			7	509	1.4%		6	390	1.5%	▲
			37	1204	3%		152	953	16%	▲
			5	37	14%		12	152	8%	▼
			2	21	10%		10	19	53%	▲
			513	1836	28%		150	925	16%	▼
			273	1835	15%		77	924	8%	▼
			175	1836	10%		42	924	5%	▼
			3	769	0%		11	778	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

