



Ministry of Health

# Swaziland HIV Incidence Measurement Survey (SHIMS)

Descriptive Data Tables  
Version 1\_ August 2014





## ACKNOWLEDGEMENTS

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Under the leadership of the Ministry of Health in the Kingdom of Swaziland (MOH), the Swaziland HIV Incidence Measurement Survey (SHIMS) was implemented through the technical and implementation support of the US Centers for Disease Control and Prevention (CDC) and ICAP-Columbia University. Four Principal Investigators, based at the MOH, CDC, and ICAP, guided protocol development and were responsible for overall technical oversight of the study. Financial support was provided under US government (USG) PEPFAR funding.

The Principal Secretary of the MOH established the SHIMS Steering Committee to advise the Principal Investigators and study team on survey implementation. The Steering Committee is comprised of technical experts and representatives from a wide array of in-country stakeholders.

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## SUMMARY OF CHANGES

<b>VERSION, DATE</b>	<b>DATE CIRCULATED AMONG SWAZILAND TWG MEMBERS</b>	<b>DETAILS, SUMMARY OF CHANGES</b>
Not specified, April 2014	30 April 2014	Initial document
Version 1, August 2014	August 2014 (website)	Tables 14-16: corrected gender labeling

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**Table 1.** Household Response Rates and Individual Response Rates, for men and women ages 18-49, SHIMS 2011.

	Residence		
	Urban	Rural	National
<b>Household Interviews</b>			
Households selected	4208	10683	14891
Households not occupied during survey period	472	1084	1556
Households occupied	3736	9599	13335
Households interviewed and member listed	3523	9048	12571
Household response rate (%)			
	94.3 %	94.3 %	94.3 %
<b>Women age 18-49</b>			
Number of eligible women	3759	9823	13582
Number of eligible women interviewed	3195	7847	11042
Eligible women response rate (%)			
	85.0 %	80.0%	81.3%
<b>Men age 18-49</b>			
Number of eligible men	3028	8020	11048
Number of eligible men interviewed	2066	5064	7130
Eligible men response rate (%)			
	68.2 %	63.1 %	64.5 %

For further reference, see: Bicego GT, Nkambule R, Peterson I, Reed J, et al. (2013) Recent Patterns in Population-Based HIV Prevalence in Swaziland. PLoS ONE 8(10): e77101. doi:10.1371/journal.pone.0077101.

<http://www.plosone.org/article/info:doi/10.1371/journal.pone.0077101>

**Table 2.** Comparison of Characteristics of-SHIMS and Non-SHIMS Participants in Pre-cohort Survey, Ages 18-49

	Non-SHIMS participants	SHIMS participants	Total
<b>Total</b>	6458/24630(26.2%)	18172/24630 (73.8%)	24630/24630 (100.0%)
	N=6458	N=18172	N=24630
<b>Age</b>			
18-19	657 (10%)	2216 (12%)	2873 (12%)
20-24	1522 (24%)	4795 (26%)	6317 (26%)
25-29	1411 (22%)	3658 (20%)	5069 (21%)
30-34	1026 (16%)	2576 (14%)	3602 (15%)
35-39	797 (12%)	1874 (10%)	2671 (11%)
40-44	616 (10%)	1623 (9%)	2239 (9%)
45-49	429 (7%)	1430 (8%)	1859 (8%)
<b>Gender</b>			
Male	3918 (61%)	7130 (39%)	11408 (45%)
Female	2540 (39%)	11042 (61%)	13582 (55%)
<b>Residence</b>			
Urban	1526 (24%)	5261 (29%)	6787 (28%)
Rural	4932 (76%)	12911 (71%)	17843 (72%)
<b>Region</b>			
Hhohho	1752 (27%)	5295 (29%)	7047 (29%)
Manzini	1834 (28%)	5227 (29%)	7061 (29%)
Shiselweni	1479 (23%)	3616 (20%)	5095 (21%)
Lubombo	1393 (22%)	4034 (22%)	5427 (22%)

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 3. Weighted Characteristics of Participants in Pre-cohort Survey, Ages 18-49**

	<b>Total</b>	<b>Women</b>	<b>Men</b>
<b>Total</b>	18172/18172 (100%)	9843/18172 (54.2%)	8329/18172 (45.8%)
	N=18172	N=9843	N=8329
<b>Age</b>			
18-19	1987 (10.9%)	992 (10.1%)	995 (11.9%)
20-24	4582 (25.2%)	2489 (25.3%)	2093 (25.1%)
25-29	3605 (19.8%)	1923 (19.5%)	1682 (20.2%)
30-34	2629 (14.5%)	1361 (13.8%)	1267 (15.2%)
35-39	2202 (12.1%)	1209 (12.3%)	993 (11.9%)
40-44	1703 (9.4%)	975 (9.9%)	728 (8.7%)
45-49	1465 (8.1%)	894 (9.1%)	570 (6.8%)
<b>Residence</b>			
Urban	5425 (29.9%)	2965 (30.1%)	2460 (29.5%)
Rural	12747 (70.1%)	6879 (69.9%)	5869 (70.5%)
<b>Region</b>			
Hhohho	5183 (28.5%)	2799 (28.4%)	2385 (28.6%)
Manzini	6091 (33.5%)	3348 (34%)	2743 (32.9%)
Shiselwe	3333 (18.3%)	1851 (18.8%)	1482 (17.8%)
Lubombo	3565 (19.6%)	1845 (18.7%)	1719 (20.6%)
<b>Education<sup>1</sup></b>			
Did not attend	1173 (6.5%)	633 (6.4%)	540 (6.5%)
Primary	5247 (28.9%)	2912 (29.6%)	2335 (28.1%)
Secondary	9066 (49.9%)	5000 (50.8%)	4067 (48.8%)
Tertiary	2602 (14.3%)	1253 (12.7%)	1349 (16.2%)



	Total	Women	Men
<b>Current marital status<sup>2</sup></b>			
Not married, ever had sex	7811 (43%)	4104 (41.7%)	3707 (44.5%)
Not married, never had sex	1874 (10.3%)	554 (5.7%)	1320 (15.8%)
Married, living with partner	4923 (27.1%)	2811 (28.6%)	2112 (25.4%)
Married, partner stays elsewhere <sup>3</sup>	2810 (15.5%)	1956 (19.9%)	854 (10.3%)
Married, unknown living situation	307 (1.7%)	250 (2.5%)	57 (0.7%)
<b>Number of partners (past 6 months)<sup>4</sup></b>			
0	4061 (22.3%)	1794 (18.2%)	2267 (27.2%)
1	12084 (66.5%)	7618 (77.4%)	4466 (53.6%)
2 or more	1887 (10.4%)	373 (3.8%)	1515 (18.2%)
<b>Currently pregnant<sup>5</sup></b>			
Yes		669 (7%)	
No		8864 (93.0%)	
<b>Circumcision status<sup>6</sup></b>			
Circumcised			1373 (17.1%)
Uncircumcised			6633 (82.9%)

<sup>1</sup> Refers to highest level of education ever attended, whether or not that level was completed; # missing = 83(Total) : 45(Women) : 38(Men)

<sup>2</sup> # missing = 448 (Total): 167(Women) : 280 (Men)

<sup>3</sup> Among participants who are currently married or have regular partner

<sup>4</sup> # missing = 141 (Total): 59 (Women) : 81 (Men)

<sup>5</sup> # missing = 312 (Women)

<sup>6</sup> Refers to male participants only; # missing = 323 (Men)

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 4. HIV Prevalence by selected socio-demographic characteristics, for men and women, ages 18-49. SHIMS 2011.**

	%	N tested(Women)	%	N tested(Men)	%	Total tested
<b>Age</b>						
18-19	14.3	992	0.8	995	7.6	1987
20-24	31.5	2489	6.6	2093	20.1	4582
25-29	46.7	1923	21.3	1682	34.9	3605
30-34	53.8	1361	36.6	1267	45.5	2629
35-39	49.1	1209	47.0	993	48.2	2202
40-44	39.7	975	45.5	728	42.2	1703
45-49	31.6	894	42.5	570	35.8	1465
<b>Residence</b>						
Urban	38.7	2965	24.5	2460	32.3	5425
Rural	38.9	6879	23.9	5869	32.0	12747
<b>Region</b>						
Hhohho	37.4	2799	23.3	2385	30.9	5183
Manzini	40.4	3348	25.3	2743	33.6	6091
Shiselwe	37.5	1851	22.3	1482	30.7	3333
Lubombo	39.4	1845	24.9	1719	32.4	3565
<b>Education<sup>1</sup></b>						
Did not attend	48.2	633	40.8	540	44.8	1173
Primary	45.9	2912	31.3	2335	39.4	5246
Secondary	36.8	5000	20.6	4067	29.6	9067
Tertiary	25.6	1253	15.5	1349	20.3	2602
<b>Current marital status</b>						
Not married, ever had sex	43.2	4104	20.7	3707	32.5	7810
Not married, never had sex	3.6	554	0.9	1320	1.7	1875
Married, living with partner	37.2	2811	38.7	2112	37.8	4923
Married, partner stays elsewhere <sup>4</sup>	39.0	1956	36.2	854	38.2	2810
Married, unknown living situation	59.5	250	54.5	57	58.6	307
<b>Number of sexual partners (past 6)</b>						
0	33.8	1794	8.7	2267	19.8	4062
1	39.2	7618	30.6	4466	36.0	12083
2 or more	54.5	373	28.1	1515	33.3	1887

	%	N tested(Women)	%	N tested(Men)	%	Total tested
<b>Currently pregnant</b>						
Yes	37.9	669				
No	38.8	8864				
<b>Circumcision status</b>						
Circumcised			15.7	1373		
Uncircumcised			25.7	6633		
<b>Total</b>	<b>38.8</b>	<b>9843</b>	<b>24.1</b>	<b>8329</b>	<b>32.1</b>	<b>18172</b>

For further reference, see: Bicego GT, Nkambule R, Peterson I, Reed J, et al. (2013) Recent Patterns in Population-Based HIV Prevalence in Swaziland. PLoS ONE 8(10): e77101. doi:10.1371/journal.pone.0077101.

<http://www.plosone.org/article/info:doi/10.1371/journal.pone.0077101>

**Table 5.** Self-reported HIV testing history, according to current HIV status, for men and women<sup>1</sup>, ages 18-49. SHIMS 2011.

	Current HIV status (SHIMS HIV test result)											
	Women					Men						
	HIV+		HIV-		Total	HIV+		HIV-		Total		
Self-reported HIV testing prior to SHIMS <sup>2</sup>	N	%	N	%	N	%	N	%	N	%		
Never had HIV test	364	9.7	1178	19.6	1542	15.8	597	30.3	3136	49.9	3733	45.2
Ever had HIV test												
- Positive	2590	68.7	21	0.3	2611	26.7	995	50.4	8	0.1	1003	12.1
- Negative	674	17.9	4702	78.5	5376	55.1	291	14.8	2977	47.4	3268	39.6
- Don't Know	142	3.8	94	1.6	236	2.4	89	4.5	161	2.6	250	3.0
<b>Total</b>	<b>3770</b>	<b>100</b>	<b>5994</b>	<b>100</b>	<b>9764</b>	<b>100</b>	<b>1972</b>	<b>100</b>	<b>6282</b>	<b>100</b>	<b>8254</b>	<b>100</b>

<sup>1</sup> Restricted to people who tested and received results in SHIMS

<sup>2</sup> # missing = 51/29 (Women HIV+/HIV-) : 36/39 (Men HIV+/HIV-) : 87/68 (Total HIV+/HIV-); not included in percentages calculated

For further reference, see: Bicego GT, Nkambule R, Peterson I, Reed J, et al. (2013) Recent Patterns in Population-Based HIV Prevalence in Swaziland. PLoS ONE 8(10): e77101. doi:10.1371/journal.pone.0077101.

<http://www.plosone.org/article/info:doi/10.1371/journal.pone.0077101>

**Table 6.** Distribution of HIV infected population by whether (previously) undiagnosed and ART use, for men and women, ages 15-49. SHIMS 2011.

Men	Newly diagnosed (%)	Previously diagnosed HIV+ no ART use	Previously diagnosed HIV+ ART use	All HIV+ N
<b>Age</b>				
<25	77.9	14.8	7.4	147
25-29	67.4	18.3	14.6	354
30-34	49.9	22.3	27.8	460
35-39	37.2	21.8	40.4	463
40-44	38.9	20.2	40.9	331
45-49	37.5	15.0	47.5	242
<b>Residence</b>				
Urban	50.5	19.9	29.6	602
Rural	48.2	19.6	32.2	1395
<b>Total</b>	<b>49.9</b>	<b>19.7</b>	<b>31.4</b>	<b>1997</b>

Women	Newly diagnosed HIV+ (%)	Previously diagnosed HIV+ no ART use	Previously diagnosed HIV+ ART use	All HIV+ N
<b>Age</b>				
<25	45.4	38.0	16.6	924
25-29	30.8	42.6	26.6	898
30-34	27.6	34.5	38.0	728
35-39	22.6	32.8	44.8	592
40-44	21.7	31.1	47.4	386
45-49	22.9	24.4	52.7	281
<b>Residence</b>				
Urban	30.7	35.3	33.9	1140
Rural	31.1	36.1	32.8	2669
<b>Total</b>	<b>30.9</b>	<b>35.9</b>	<b>33.2</b>	<b>3810</b>

For further reference, see: Bicego GT, Nkambule R, Peterson I, Reed J, et al. (2013) Recent Patterns in Population-Based HIV Prevalence in Swaziland. PLoS ONE 8(10): e77101. doi:10.1371/journal.pone.0077101. <http://www.plosone.org/article/info:doi/10.1371/journal.pone.0077101>

**Table 7: Demographic Characteristics of HIV-uninfected Adults in Swaziland, by Gender\***

	<b>Total</b>	<b>Men</b>	<b>Women</b>
Overall Number	11,840	6,025	5,815
Age, mean (years)	28.3	27.4	29.3
Rural dweller	70%	71%	70%
Education of completing high school or higher	68%	69%	68%
Unemployed	45%	34%	57%
Not married nor living with partner	59%	70%	48%
Sexually active**	70%	63%	78%
≥2 sex partners**	10%	17%	3%
Consistent condom use**	19%	20%	17%

\*Weighted analysis

\*\* In the 6 months prior to pre-cohort survey interview

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 8: HIV Incidence in Swaziland**

	<b>Sero-conversions</b>	<b>Person years (PY) of Follow-up</b>	<b>Incidence/ 100 PY</b>	<b>95% CI Incidence/ 100 PY</b>
Overall	143*	6,019	2.38	2.06- 2.75
Men	51	3,070	1.65	1.28- 2.11
<b>Women</b>	<b>93</b>	<b>2,949</b>	<b>3.14</b>	<b>2.63- 3.74</b>

\* Columns will not sum due to sample weighting

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 9: HIV Incidence by Demographics and Behaviors**

	Men		Women	
	Incidence/100PY	95% CI	Incidence/100PY	95% CI
<b>Marital Status</b>				
Married/living together	1.34	(0.79-2.27)	2.24	(1.52-3.02)
Not married/not living together	1.80	(1.36-2.38)	4.06	(3.28-5.03)
<b>Condom Use, past 6 months*</b>				
Consistent use	1.74	(1.05-2.89)	3.78	(2.65-5.37)
Inconsistent use	2.70	(2.01-3.61)	3.76	(3.03-4.66)
<b># Sex Partners, past 6 months</b>				
Never had sex	0.15	(0.03-0.83)	0.71	(0.22-2.26)
0	0.40	(0.08-2.05)	1.21	(0.61-2.38)
1	1.92	(1.40-2.64)	3.64	(3.01-4.41)
> 2	3.21	(2.02-5.10)	9.64	(4.48-20.0)
<b>MC Status, self-report</b>				
Circumcised	1.29	(0.71-2.33)	NA*	
Uncircumcised	1.74	(1.32-2.30)	NA*	
<b>Pregnant, self-report</b>	NA*	-	4.38	(1.86-10.1)

\* Among participants reporting sexual activity

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.



**Table 10: Predictors of Seroconversion**

	<b>Men (aHR*, 95% CI)</b>	<b>Women (aHR*, 95% CI)</b>
<b>Age (y)</b>		
18-19	1	1
20-34	1.01 (0.38-2.67)	2.03 (1.01-4.05)
35-39	0.20 (0.03-1.34)	2.85 (1.02-7.98)
<b>Relationship with Partner(s)</b>		
Not married nor living w/partner	2.03 (0.91-4.53)	3.05 (1.64-5.69)
Married or living with partner	1	1
<b>Location of partner</b>		
Living elsewhere	2.31 (0.84-6.37)	2.81 (1.53-5.15)
Living with participant	1	1
<b>Partner's HIV status (current partner)</b>		
Not HIV-positive	1	1
	2.06 (0.87-4.87)	1.88 (1.09-3.27)
Don't know partner's status	3.72 (1.97-7.05)	2.74 (1.53-4.92)
<b>Condom use, past 6 months</b>		
Inconsistent	2.35 (1.16-4.73)	0.92 (0.57-1.46)
Consistent	1	1
<b>Circumcision status</b>		
Uncircumcised	1	NA <sup>§</sup>
Circumcised	0.50 (0.22-1.12)	NA <sup>§</sup>

\*Adjusted Hazard Ratio, adjusted for education, employment, geography, # sex partners and pregnancy (women)

<sup>§</sup>Not applicable

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 11: Condom Use by Circumcision status in the past 6 months**

	Always Used	Didn't Always	p-value
Uncircumcised	31.3%	63.8%	p=0.06
Circumcised*	35.6%	61.2%	
Circumcised Pre-March 2007*	31.0%	66.1%	p=0.03
Circumcised Post-March 2007*	39.6%	57.3%	
Circumcised Before Sexual Debut*	32.6%	64.7%	p=0.22
Circumcised After Sexual Debut*	38.2%	59.9%	

\*Does not include men circumcised  $\leq$  6 months prior to time of survey

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 12: HIV prevalence by circumcision status**

Participant Age	Overall/All Ages	18-24	25-34	35-49
Uncircumcised	1693/6769 (25.0%)	128/2507(5.1%)	692/2361(29.3%)	873/1901(45.9%)
Circumcised	214/1304(16.4%)	11.3/501.6 (2.3%)	92.3/502.0 (18.4%)	110/300.8 (36.6%)
p-value	p<0.001	p=0.011	p<0.001	p=0.012

For further reference, see: Ministry of Health. Swaziland HIV Incidence Measurement Survey (SHIMS): First Findings Report. Mbabane, Swaziland: Ministry of Health, 2012.

**Table 13.** Percentage of people aged 18-49 tested for HIV in the last 12 months and received their test results.

	N (Baseline) <sup>1</sup>	N (Question) <sup>2</sup>	Tested for HIV in last 12 months & received result						
			ALL		HIV positive		HIV negative		
			n <sub>all</sub>	% of N <sub>Q</sub> <sup>3</sup>	n <sub>HIV+</sub>	% of n <sub>all</sub> <sup>4</sup>	n <sub>HIV-</sub>	% of n <sub>all</sub>	
<b>By Age</b>									
18-19	1987	1983	578	29%	70	12%	508	88%	
20-29	8187	8181	3660	45%	1008	28%	2652	72%	
30-39	4831	4827	2073	43%	902	43%	1171	57%	
40-49	3167	3165	1292	41%	490	38%	802	62%	
<b>By Sex</b>									
Female	9843	9838	4969	51%	1768	36%	3202	64%	
Male	8329	8318	2634	32%	702	27%	1932	73%	
<b>By # of Sexual Partners Reported in the Past 6 Months</b>									
0	2144	2143	822	38%	319	39%	503	61%	
1	12069	12060	5741	48%	1895	33%	3846	67%	

<sup>1</sup> Baseline survey respondents

<sup>2</sup> Number of individuals who responded to question of interest (in this case: testing history for HIV)

<sup>3</sup> Proportion of all individuals who answered the question who were tested for HIV and received their results

<sup>4</sup> Proportion of all individuals tested for HIV and received results who were HIV-positive

2+	1882	1882	630	33%	216	34%	414	66%
Have Never Had Sex	288	288	59	20%	10	17%	49	83%
Missing	1788	1782	351	20%	29	8%	322	92%
<b>By Region</b>								
Hhohho	5183	5175	2063	40%	650	32%	1413	68%
Manzini	6091	6088	2497	41%	823	33%	1674	67%
Shiselweni	3333	3330	1459	44%	463	32%	996	68%
Lubombo	3565	3563	1584	44%	533	34%	1051	66%
<b>Total</b>								
	18172	18156	7603		2469		5134	

**Table 14.** Percentage people aged 18-49 reporting condom use

	N: Baseline	N: Question	Condom Use - Always						Condom Use - Sometimes						Condom Use - Never					
			ALL		HIV positive		HIV negative		ALL		HIV positive		HIV negative		ALL		HIV positive		HIV negative	
			n <sub>all</sub>	% N <sub>Q</sub>	n <sub>HIV+</sub>	% n <sub>all</sub>	n <sub>HIV-</sub>	% n <sub>all</sub>	n <sub>all</sub>	% N <sub>Q</sub>	n <sub>HIV+</sub>	% n <sub>all</sub>	n <sub>HIV-</sub>	% n <sub>all</sub>	n <sub>all</sub>	% N <sub>Q</sub>	n <sub>HIV+</sub>	% n <sub>all</sub>	n <sub>HIV-</sub>	% n <sub>all</sub>
<b>By Age</b>																				
18-19	1987	784	319	41%	37	12%	282	88%	311	40%	51	16%	260	84%	154	20%	33	21%	121	79%
20-29	8187	5854	1876	32%	648	35%	1228	65%	2443	42%	744	30%	1699	70%	1535	26%	399	26%	1136	74%
30-39	4831	3869	1215	31%	784	65%	430	35%	1294	33%	633	49%	661	51%	1360	35%	394	29%	967	71%
40-49	3167	2319	647	28%	404	62%	243	38%	568	24%	239	42%	328	58%	1104	48%	221	20%	883	80%
<b>By Sex</b>																				
Female	9843	7342	2206	30%	1257	57%	949	43%	2486	34%	982	40%	1504	60%	2651	36%	705	27%	1945	73%
Male	8329	5484	1851	34%	617	33%	1234	67%	2130	39%	685	32%	1445	68%	1503	27%	341	23%	1162	77%
<b>By # Sexual Partners Reported in Past 6 Months</b>																				
0	2144	18	3	18%	2	72%	1	28%	5	29%	2	42%	3	58%	9	52%	6	64%	3	36%
1	12069	11022	3454	31%	1700	49%	1754	51%	3654	33%	1308	36%	2347	64%	3914	36%	982	25%	2933	75%
2+	1882	1733	581	34%	163	28%	418	72%	941	54%	354	38%	587	62%	211	12%	55	26%	156	74%
Never Had Sex	288	1	0	0%	0	NA	0	NA	0	0%	0	NA	0	NA	1	100%	0	0%	1	100%

Missing	1788	52	19	36%	8	44%	11	56%	15	29%	3	19%	12	81%	18	35%	4	22%	14	78%
<b>By Region</b>																				
Hhohho	5183	3676	1220	33%	540	44%	680	56%	1219	33%	435	36%	784	64%	1237	34%	287	23%	951	77%
Manzini	6091	4359	1463	34%	671	46%	792	54%	1659	38%	603	36%	1056	64%	1236	28%	332	27%	904	73%
Shiselweni	3333	2267	656	29%	314	48%	343	52%	816	36%	276	34%	540	66%	794	35%	206	26%	588	74%
Lubombo	3565	2525	718	28%	349	49%	369	51%	922	37%	354	38%	568	62%	885	35%	221	25%	664	75%
<b>Total</b>																				
	18172	12826	4057		1873		2183		4616		1667		2948		4153		1047		3107	

**Table 15.** Percentage of people aged 18-49 reporting sexual debut <15 years

			Sexual Debut < 15 years					
	N (Baseline)	N (Question)	ALL		HIV positive		HIV negative	
			n <sub>all</sub>	% of N <sub>Q</sub>	n <sub>HIV+</sub>	% of n <sub>all</sub>	n <sub>HIV-</sub>	% of n <sub>all</sub>
<b>By Age</b>								
18-19	1987	976	49	5%	8	17%	41	83%
20-29	8187	7054	288	4%	117	40%	171	60%
30-39	4831	4542	234	5%	118	50%	116	50%
40-49	3167	2952	173	6%	70	40%	103	60%
<b>By Sex</b>								
Female	9843	8988	497	6%	241	48%	257	52%
Male	8329	6537	247	4%	72	29%	175	71%
<b>By # of Sexual Partners Reported in the Past 6 Months</b>								
0	2144	2005	93	5%	37	40%	55	60%
1	12069	11614	513	4%	229	45%	284	55%
2+	1882	1797	121	7%	39	32%	82	68%
Have Never Had Sex	288	15	2	11%	2	100%	0	0%

Missing	1788	93	17	18%	6	37%	11	63%
<b>By Region</b>								
Hhohho	5183	4464	212	5%	86	40%	126	60%
Manzini	6091	5258	236	4%	96	41%	140	59%
Shiselweni	3333	2766	151	5%	70	47%	80	53%
Lubombo	3565	3037	146	5%	61	42%	85	58%
<b>Total</b>								
	18172	15525	744		313		432	



**Table 16. Percentage of men aged 18-49 who believe circumcision has benefits**

	N (Baseline)	N (Question)	Believe Circumcision Has Benefits					
			ALL		HIV positive		HIV negative	
			n <sub>all</sub>	% of N <sub>Q</sub>	n <sub>HIV+</sub>	% of n <sub>all</sub>	n <sub>HIV-</sub>	% of n <sub>all</sub>
<b>By Age</b>								
18-19	995	56	47	84%	0	0%	47	100%
20-29	3775	173	145	84%	20	13%	125	87%
30-39	2260	135	115	85%	42	37%	73	63%
40-49	1299	64	54	85%	19	35%	35	65%
<b>By Region</b>								
Hhohho	2385	124	108	87%	33	31%	75	69%
Manzini	2743	132	109	82%	28	26%	81	74%
Shiselweni	1482	74	64	87%	5	8%	59	92%
Lubombo	1719	99	80	81%	14	18%	66	82%
<b>By Circumcision Status</b>								
Circumcised	1350	65	63	97%	9	14%	54	86%
Uncircumcised	6643	346	285	82%	71	25%	214	75%
Don't know/REF	336	17	14	79%	1	9%	13	91%
<b>Total</b>	8329	428	361		81		280	