

SAMPLE DESIGN

Table A.5 Sample implementation: Women

Percent distribution of households and eligible women by results of the household and individual interviews, and household, eligible women and overall women response rates, according to urban-rural residence and region (unweighted), Model DHS 6 data

Result	Residence		Region				Total
	Urban	Rural	Region 1	Region 2	Region 3	Region 4	
Selected households							
Completed (C)	95.9	97.7	97.5	97.2	96.1	96.8	97.0
Household present but no competent respondent at home (HP)	0.8	0.2	0.3	0.4	1.0	0.3	0.4
Refused (R)	0.2	0.0	0.0	0.0	0.3	0.1	0.1
Dwelling not found (DNF)	0.3	0.1	0.1	0.2	0.6	0.1	0.2
Household absent (HA)	0.9	1.2	1.3	0.9	0.4	1.4	1.1
Dwelling vacant/address not a dwelling (DV)	1.0	0.2	0.6	0.5	0.9	0.2	0.5
Dwelling destroyed (DD)	0.5	0.5	0.2	0.8	0.1	0.9	0.5
Other (O)	0.3	0.1	0.0	0.1	0.7	0.3	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of sampled households	2,401	4,082	2,367	1,710	1,021	1,385	6,483
Household response rate (HRR) ¹	98.6	99.7	99.5	99.5	98.1	99.5	99.3
Eligible women							
Completed (EWC)	96.2	97.9	98.6	97.2	94.5	97.0	97.2
Not at home (EWNH)	2.2	1.0	0.8	1.3	3.4	1.3	1.5
Postponed (EWP)	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Refused (EWR)	0.8	0.4	0.1	0.9	1.0	0.5	0.6
Partly completed (EWPC)	0.3	0.1	0.0	0.0	0.5	0.3	0.2
Incapacitated (EWI)	0.4	0.5	0.4	0.5	0.5	0.4	0.5
Other (EWO)	0.1	0.2	0.1	0.1	0.1	0.5	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of women	3,561	5,028	3,232	2,188	1,516	1,653	8,589
Eligible women response rate (EWRR) ²	96.2	97.9	98.6	97.2	94.5	97.0	97.2
Overall women response rate (ORR) ³	94.8	97.6	98.1	96.6	92.7	96.5	96.5

¹ Using the number of households falling into specific response categories, the household response rate (HRR) is calculated as:

$$100 * C$$

$$C + HP + P + R + DNF$$

² The eligible women response rate (EWRR) is equivalent to the percentage of interviews completed (EWC)

³ The overall women response rate (OWRR) is calculated as:

$$OWRR = HRR * EWRR/100$$

Table A.6 Sample implementation: Men

Percent distribution of households and eligible men by results of the household and individual interviews, and household, eligible men and overall men response rates, according to urban-rural residence and region (unweighted), Model DHS 6 data

Result	Residence		Region				Total
	Urban	Rural	Region 1	Region 2	Region 3	Region 4	
Selected households							
Completed (C)	95.1	97.9	97.5	97.0	95.3	96.7	96.9
Household present but no competent respondent at home (HP)	1.0	0.2	0.3	0.2	1.8	0.3	0.5
Refused (R)	0.3	0.0	0.0	0.0	0.6	0.1	0.1
Dwelling not found (DNF)	0.2	0.0	0.0	0.1	0.4	0.0	0.1
Household absent (HA)	1.2	1.2	1.4	1.3	0.4	1.4	1.2
Dwelling vacant/address not a dwelling (DV)	1.2	0.2	0.8	0.6	0.6	0.1	0.6
Dwelling destroyed (DD)	0.7	0.4	0.1	0.8	0.2	1.2	0.5
Other (O)	0.4	0.0	0.0	0.0	0.8	0.1	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of sampled households	1,200	2,040	1,183	855	510	692	3,240
Household response rate (HRR) ¹	98.4	99.8	99.7	99.6	97.2	99.6	99.3
Eligible men							
Completed (EMC)	95.2	97.5	96.9	97.6	93.9	97.1	96.5
Not at home (EMNH)	3.5	1.7	2.8	1.5	4.5	0.9	2.5
Postponed (EMP)	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Refused (EMR)	0.6	0.4	0.1	0.8	0.7	0.4	0.5
Partly completed (EMPC)	0.2	0.0	0.0	0.0	0.3	0.1	0.1
Incapacitated (EMI)	0.3	0.2	0.1	0.1	0.1	1.0	0.3
Other (EMO)	0.2	0.2	0.1	0.0	0.4	0.4	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of men	1,602	2,149	1,405	927	726	693	3,751
Eligible men response rate (EMRR) ²	95.2	97.5	96.9	97.6	93.9	97.1	96.5
Overall men response rate (ORR) ³	93.7	97.3	96.6	97.3	91.3	96.7	95.8

¹ Using the number of households falling into specific response categories, the household response rate (HRR) is calculated as:

$$\frac{100 * C}{C + HP + P + R + DNF}$$

² The eligible men response rate (EMRR) is equivalent to the percentage of interviews completed (EMC)

³ The overall men response rate (OMRR) is calculated as:

$$OMRR = HRR * EMRR/100$$

Table A.7 Coverage of HIV testing by social and demographic characteristics: Women

Percent distribution of interviewed women age 15-49 by HIV testing status, according to social and demographic characteristics (unweighted), Model DHS 6 data

Characteristic	HIV test status				Total	Number of women
	DBS Tested ¹	Refused to provide blood	Absent at the time of blood collection	Other/missing ²		
Marital status						
Never married	95.3	3.9	0.4	0.5	100.0	1,142
Ever had sexual intercourse	94.8	4.3	0.3	0.6	100.0	789
Never had sexual intercourse	96.3	2.8	0.6	0.3	100.0	353
Married/living together	96.2	2.8	0.4	0.6	100.0	2,712
Divorced or separated	93.4	5.9	0.0	0.7	100.0	136
Widowed	96.5	1.8	0.9	0.9	100.0	114
Type of union						
In polygynous union	97.2	2.3	0.3	0.2	100.0	960
In non-polygynous union	95.8	3.0	0.5	0.6	100.0	1,708
Not currently in union	95.2	3.9	0.4	0.6	100.0	1,392
DK/missing	88.6	6.8	0.0	4.5	100.0	44
Ever had sexual intercourse						
Yes	95.8	3.2	0.4	0.6	100.0	3,747
No	96.3	2.8	0.6	0.3	100.0	354
Missing	66.7	33.3	0.0	0.0	100.0	3
Currently pregnant						
Pregnant	96.8	2.9	0.0	0.3	100.0	375
Not pregnant or not sure	95.8	3.2	0.4	0.6	100.0	3,729
Times slept away from home in past 12 months						
None	95.7	3.5	0.4	0.4	100.0	2,463
1-2	95.8	3.1	0.6	0.5	100.0	802
3-4	96.8	2.2	0.4	0.6	100.0	462
5+	96.5	2.1	0.0	1.3	100.0	374
Missing	66.7	33.3	0.0	0.0	100.0	3
Time away in past 12 months						
Away for more than 1 month	95.8	3.0	0.5	0.8	100.0	660
Away for less than 1 month	96.7	2.3	0.4	0.6	100.0	973
No away	95.7	3.5	0.4	0.4	100.0	2,463
Missing	62.5	25.0	0.0	12.5	100.0	8
Ethnic group						
Ethnic group 1	95.4	3.3	0.5	0.8	100.0	872
Ethnic group 2	94.9	4.2	0.5	0.3	100.0	1,302
Ethnic group 3	96.7	3.3	0.0	0.0	100.0	241
Ethnic group 4	96.7	2.1	0.4	0.8	100.0	1,412
Ethnic group 5	96.8	3.2	0.0	0.0	100.0	252
Other	94.4	5.6	0.0	0.0	100.0	18
Missing	85.7	14.3	0.0	0.0	100.0	7
Religion						
Religion 1	95.4	3.0	0.7	0.9	100.0	867
Religion 2	96.0	3.2	0.3	0.5	100.0	3,207
Religion 3	93.8	6.3	0.0	0.0	100.0	16
Religion 4	100.0	0.0	0.0	0.0	100.0	1
No religion	100.0	0.0	0.0	0.0	100.0	1
Total 15-49	95.9	3.2	0.4	0.6	100.0	4,104

1 Includes all Dried Blood Samples (DBS) tested at the lab and for which there is a result, i.e. positive, negative, or indeterminate. Indeterminate means that the sample went through the entire algorithm, but the final result was inconclusive.

2 Includes: 1) other results of blood collection (e.g. technical problem in the field), 2) lost specimens, 3) non corresponding bar codes, and 4) other lab results such as blood not tested for technical reason, not enough blood to complete the algorithm, etc.

Table A.8 Coverage of HIV testing by social and demographic characteristics: Men

Percent distribution of interviewed men 15-59 by HIV testing status, according to social and demographic characteristics (unweighted), Model DHS 6 data

Characteristic	HIV test status				Total	Number of men
	DBS Tested ¹	Refused to provide blood	Absent at the time of blood collection	Other/missing ²		
Marital status						
Never married	91.9	6.8	0.7	0.6	100.0	1,425
Ever had sexual intercourse	92.1	6.9	0.5	0.5	100.0	931
Never had sexual intercourse	91.5	6.7	1.0	0.8	100.0	494
Married/living together	93.7	4.9	0.6	0.7	100.0	2,076
Divorced or separated	86.7	8.6	1.0	3.8	100.0	105
Widowed	100.0	0.0	0.0	0.0	100.0	15
Type of union						
In polygynous union	94.9	4.0	0.6	0.4	100.0	473
In non-polygynous union	93.4	5.2	0.6	0.8	100.0	1,603
Not currently in union	91.6	6.9	0.7	0.8	100.0	1,545
Ever had sexual intercourse						
Yes	93.0	5.6	0.6	0.8	100.0	3,125
No	91.5	6.7	1.0	0.8	100.0	492
Missing	100.0	0.0	0.0	0.0	100.0	4
Male circumcision						
Circumcised	92.9	5.7	0.7	0.8	100.0	3,596
Not circumcised	93.3	6.7	0.0	0.0	100.0	15
DK/Missing	80.0	20.0	0.0	0.0	100.0	10
Times slept away from home in past 12 months						
None	92.1	6.1	0.6	1.2	100.0	1,775
1-2	93.2	5.8	0.9	0.2	100.0	555
3-4	95.2	4.2	0.4	0.2	100.0	477
5+	92.7	5.9	0.9	0.5	100.0	811
Missing	100.0	0.0	0.0	0.0	100.0	3
Time away in past 12 months						
Away for more than 1 month	94.7	4.5	0.5	0.2	100.0	949
Away for less than 1 month	92.3	6.3	1.0	0.4	100.0	893
No away	92.1	6.1	0.6	1.2	100.0	1,775
Missing	75.0	25.0	0.0	0.0	100.0	4
Ethnic group						
Ethnic group 1	91.3	7.4	0.4	1.0	100.0	816
Ethnic group 2	93.6	5.0	0.8	0.6	100.0	1,086
Ethnic group 3	93.4	6.6	0.0	0.0	100.0	227
Ethnic group 4	93.0	5.2	0.9	0.9	100.0	1,245
Ethnic group 5	93.7	4.5	0.5	1.4	100.0	222
Other	84.2	15.8	0.0	0.0	100.0	19
Missing	83.3	16.7	0.0	0.0	100.0	6
Religion						
Religion 1	91.4	7.4	0.4	0.8	100.0	731
Religion 2	93.2	5.3	0.7	0.8	100.0	2,876
Religion 3	100.0	0.0	0.0	0.0	100.0	10
Religion 4	0.0	100.0	0.0	0.0	100.0	1
No religion	100.0	0.0	0.0	0.0	100.0	1
Total 15-59	92.8	5.7	0.7	0.8	100.0	3,621

¹ Includes all Dried Blood Samples (DBS) tested at the lab and for which there is a result, i.e. positive, negative, or indeterminate. Indeterminate means that the sample went through the entire algorithm, but the final result was inconclusive.

² Includes: 1) other results of blood collection (e.g. technical problem in the field), 2) lost specimens, 3) non corresponding bar codes, and 4) other lab results such as blood not tested for technical reason, not enough blood to complete the algorithm, etc.

Table A.9 Coverage of HIV testing by sexual behavior characteristics: Women

Percent distribution of interviewed women age 15-49 who ever had sexual intercourse by HIV test status, according to sexual behavior characteristics (unweighted), Model DHS 6 data

Sexual behavior characteristic	HIV test status				Total	Number of women
	DBS Tested ¹	Refused to provide blood	Absent at the time of blood collection	Other/missing ²		
Age at first sexual intercourse						
<16	96.2	3.1	0.2	0.5	100.0	1,699
16-17	95.9	2.8	0.5	0.8	100.0	997
18-19	95.0	4.4	0.4	0.2	100.0	498
20+	96.3	3.1	0.0	0.5	100.0	191
Missing	95.0	3.3	0.8	0.8	100.0	362
Multiple sexual partners and partner concurrency in past 12 months						
0	96.7	2.2	0.2	0.9	100.0	542
1	95.6	3.4	0.4	0.6	100.0	2,960
2+	96.6	3.4	0.0	0.0	100.0	233
Had concurrent partners ³	95.4	4.6	0.0	0.0	100.0	151
None of the partners were concurrent	98.8	1.2	0.0	0.0	100.0	82
Missing	100.0	0.0	0.0	0.0	100.0	12
Condom use at last sexual intercourse in past 12 months						
Used condom	92.9	3.0	0.0	4.0	100.0	99
Did not use condom	95.8	3.4	0.4	0.4	100.0	3,089
No sexual intercourse in last 12 months	96.8	2.2	0.2	0.9	100.0	554
DK/Missing	100.0	0.0	0.0	0.0	100.0	5
Number of lifetime partners						
1	95.3	3.6	0.3	0.8	100.0	1,181
2	96.0	2.8	0.5	0.7	100.0	1,097
3-4	96.2	3.1	0.4	0.3	100.0	1,037
5-9	96.6	2.8	0.6	0.0	100.0	322
10+	95.8	4.2	0.0	0.0	100.0	24
Missing	94.2	4.7	0.0	1.2	100.0	86
Prior HIV testing						
Ever tested	95.9	3.0	0.5	0.6	100.0	2,019
Received results	95.7	3.3	0.5	0.5	100.0	1,499
Did not received results	96.5	2.1	0.6	0.8	100.0	520
Never tested	95.9	3.4	0.2	0.5	100.0	1,693
Missing	91.4	5.7	0.0	2.9	100.0	35
Total 15-49	95.8	3.2	0.4	0.6	100.0	3,747

¹ Includes all Dried Blood Samples (DBS) tested at the lab and for which there is a result, i.e. positive, negative, or indeterminate. Indeterminate means that the sample went through the entire algorithm, but the final result was inconclusive.

² Includes: 1) other results of blood collection (e.g. technical problem in the field), 2) lost specimens, 3) non corresponding bar codes, and 4) other lab results such as blood not tested for technical reason, not enough blood to complete the algorithm, etc.

³ A respondent is considered to have had concurrent partners if he or she had overlapping sexual partnerships with two or more people during the 12 months before the survey

Table A.10 Coverage of HIV testing by sexual behavior characteristics: Men

Percent distribution of interviewed men age 15-59 who ever had sexual intercourse by HIV test status, according to sexual behavior characteristics (unweighted), Model DHS 6 data

Sexual behavior characteristic	HIV test status				Total	Number of men
	DBS Tested ¹	Refused to provide blood	Absent at the time of blood collection	Other/ missing ²		
Age at first sexual intercourse						
<16	93.0	5.0	0.8	1.2	100.0	776
16-17	93.3	5.4	0.6	0.7	100.0	866
18-19	93.1	5.3	0.7	0.9	100.0	759
20+	92.6	6.7	0.4	0.3	100.0	672
Missing	92.3	7.7	0.0	0.0	100.0	52
Multiple sexual partners and partner concurrency in past 12 months						
0	94.5	4.0	0.5	1.0	100.0	199
1	92.6	6.2	0.5	0.7	100.0	1,982
2+	93.6	4.6	1.0	0.9	100.0	941
Had concurrent partners ³	93.7	4.5	0.7	1.2	100.0	605
None of the partners were concurrent	93.5	4.8	1.5	0.3	100.0	336
Missing	66.7	33.3	0.0	0.0	100.0	3
Condom use at last sexual intercourse in past 12 months						
Used condom	88.4	10.4	0.8	0.4	100.0	259
Did not use condom	93.5	5.2	0.6	0.8	100.0	2,657
No sexual intercourse in last 12 months	94.1	4.5	0.5	1.0	100.0	202
DK/Missing	71.4	14.3	0.0	14.3	100.0	7
Paid for sexual intercourse in past 12 months						
Yes	91.1	8.1	0.8	0.0	100.0	124
Used condom	89.3	10.7	0.0	0.0	100.0	56
Did not use condom	92.6	5.9	1.5	0.0	100.0	68
No/no sexual intercourse in past 12 months)	93.1	5.5	0.6	0.8	100.0	3,001
Number of sexual partners in lifetime						
1	91.3	7.9	0.6	0.3	100.0	356
2	95.3	4.3	0.2	0.2	100.0	423
3-4	93.4	5.3	0.7	0.6	100.0	717
5-9	93.2	5.5	0.3	0.9	100.0	636
10+	93.9	4.4	0.8	1.0	100.0	505
Don't know	90.6	7.0	1.0	1.4	100.0	488
Prior HIV testing						
Ever tested	92.5	6.1	0.6	0.8	100.0	628
Received results	92.7	5.9	0.6	0.8	100.0	494
Did not received results	91.8	6.7	0.7	0.7	100.0	134
Never tested	93.2	5.5	0.6	0.8	100.0	2,497
Total 15-59	93.0	5.6	0.6	0.8	100.0	3,125

¹ Includes all Dried Blood Samples (DBS) tested at the lab and for which there is a result, i.e. positive, negative, or indeterminate. Indeterminate means that the sample went through the entire algorithm, but the final result was inconclusive.

² Includes: 1) other results of blood collection (e.g. technical problem in the field), 2) lost specimens, 3) non corresponding bar codes, and 4) other lab results such as blood not tested for technical reason, not enough blood to complete the algorithm, etc.

³ A respondent is considered to have had concurrent partners if he or she had overlapping sexual partnerships with two or more people during the 12 months before the survey. (Respondents with concurrent partners includes polygynous men who had overlapping sexual partnerships with two or more wives).