

The estimates from a sample survey are affected by two types of errors: (1) nonsampling errors, and (2) sampling errors. Nonsampling errors are the results of mistakes made in implementing data collection and data processing, such as failure to locate and interview the correct household, misunderstanding of the questions on the part of either the interviewer or the respondent, and data entry errors. Although numerous efforts were made during the implementation of the TRCHS to minimise this type of error, nonsampling errors are impossible to avoid and difficult to evaluate statistically.

Sampling errors, on the other hand, can be evaluated statistically. The sample of respondents selected in the TRCHS is only one of many samples that could have been selected from the same population, using the same design and expected size. Each of these samples would yield results that differ somewhat from the results of the actual sample selected. Sampling errors are a measure of the variability between all possible samples. Although the degree of variability is not known exactly, it can be estimated from the survey results.

A sampling error is usually measured in terms of the *standard error* for a particular statistic (mean, percentage, etc.), which is the square root of the variance. The standard error can be used to calculate confidence intervals within which the true value for the population can reasonably be assumed to fall. For example, for any given statistic calculated from a sample survey, the value of that statistic will fall within a range of plus or minus two times the standard error of that statistic in 95 percent of all possible samples of identical size and design.

If the sample of respondents had been selected as a simple random sample, it would have been possible to use straightforward formulas for calculating sampling errors. However, the TRCHS sample is the result of a two-stage stratified design, and, consequently, it was necessary to use more complex formulae. The computer software used to calculate sampling errors for the TRCHS is the ISSA Sampling Error Module (SAMPERR). This module used the Taylor linearisation method of variance estimation for survey estimates that are means or proportions. The Jackknife repeated replication method is used for variance estimation of more complex statistics such as fertility and mortality rates.

The Taylor linearisation method treats any percentage or average as a ratio estimate, $r = y/x$, where y represents the total sample value for variable y , and x represents the total number of cases in the group or subgroup under consideration. The variance of r is computed using the formula given below, with the standard error being the square root of the variance:

$$var(r) = \frac{1-f}{X^2} \sum_{h=1}^H \left[\frac{m_h}{m_h - 1} \left(\sum_{i=1}^{m_h} Z_{hi}^2 - \frac{Z_h^2}{m_h} \right) \right]$$

in which

$$z_{hi} = y_{hi} - r \cdot x_{hi}, \text{ and } z_h = y_h - r \cdot x_h$$

where h represents the stratum which varies from 1 to H ,
 m_h is the total number of clusters selected in the h^{th} stratum,
 y_{hi} is the sum of the weighted values of variable y in the i^{th} cluster in the h^{th} stratum,
 x_{hi} is the sum of the weighted number of cases in the i^{th} cluster in the h^{th} stratum, and
 f is the overall sampling fraction, which is so small that it is ignored.

The Jackknife repeated replication method derives estimates of complex rates from each of several replications of the parent sample, and calculates standard errors for these estimates using simple formulae. Each replication considers *all but one* clusters in the calculation of the estimates. Pseudo-independent replications are thus created. In the TRCHS, there were 176 non-empty clusters. Hence, 176 replications were created. The variance of a rate r is calculated as follows:

$$ET^2(R) = var(r) = \frac{1}{k(k-1)} \sum_{i=1}^k (r_i - r)^2$$

in which

$$r_i = k r - (k-1) r_{(i)}$$

where r is the estimate computed from the full sample of 251 clusters,
 $r_{(i)}$ is the estimate computed from the reduced sample of 250 clusters (i^{th} cluster excluded), and
 k is the total number of clusters.

In addition to the standard error, SAMPERR computes the design effect (DEFT) for each estimate, which is defined as the ratio between the standard error using the given sample design and the standard error that would result if a simple random sample had been used. A DEFT value of 1.0 indicates that the sample design is as efficient as a simple random sample, while a value greater than 1.0 indicates the increase in the sampling error due to the use of a more complex and less statistically efficient design. SAMPERR also computes the relative error and confidence limits for the estimates.

Sampling errors for the TRCHS are calculated for selected variables considered to be of primary interest. Two set of results, one for women and for men, are presented in this appendix for the country as a whole, for urban and rural areas, for each of the four domains: Mainland, Zanzibar, Pemba and Unguja. For each variable, the type of statistic (mean, proportion, or rate) and the base population are given in Table B.1. Tables B.2 to B.15 present the value of the statistic (R), its standard error (SE), the number of unweighted (N) and weighted (WN) cases, the design effect (DEFT), the relative standard error (SE/R), and the 95 percent confidence limits ($R \pm 2SE$), for each variable. The DEFT is considered undefined when the standard error considering simple random sample is zero (when the estimate is close to 0 or 1).

In general, the relative standard error for most estimates for the country as a whole is small, except for estimates of very small proportions. There are some differentials in the relative standard error for the estimates of sub-populations. For example, for the variable *using any contraceptive method*, the relative standard errors as a percent of the estimated mean for the whole country, for urban areas, and for rural areas are 4.8 percent, 6.4 percent, and 6.7 percent, respectively.

The confidence interval (e.g., as calculated for the variable *using any method* can be interpreted as follows: the overall national sample proportion is 0.223 and its standard error is .011. Therefore, to obtain the 95 percent confidence limits, one adds and subtracts twice the standard error to the sample estimate, ie. $0.223 \pm 2 \times .011$. There is a high probability (95 percent) that the *true* proportion of all women 15-59 using a contraceptive method is between 20.1 and 24.5 percent.

Table B.1 List of selected variables for sampling errors, Tanzania 1999

Variable	Estimate	Base Population
WOMEN		
Urban resident	Proportion	All women 15-49
No education	Proportion	All women 15-49
Secondary education or more	Proportion	All women 15-49
Never in union	Proportion	All women 15-49
Currently in union	Proportion	All women 15-49
Ever in union before 20	Proportion	All women 15-49
Sex before 18	Proportion	All women 15-49
Children ever born	Mean	All women 15-49
Children ever born to women over 40	Mean	All women 40-49
Children surviving	Mean	All women 15-49
Knowing any method	Proportion	All women 15-49
Knowing any modern method	Proportion	All women 15-49
Ever used any method	Proportion	All women 15-49
Using any method	Proportion	All women 15-49
Using any modern method	Proportion	All women 15-49
Using pill	Proportion	All women 15-49
Using IUD	Proportion	All women 15-49
Using injectables	Proportion	All women 15-49
Using condom	Proportion	All women 15-49
Using female sterilisation	Proportion	All women 15-49
Currently using abstinence	Proportion	All women 15-49
Using withdrawal	Proportion	All women 15-49
Public source user	Proportion	User modern method
Desires no more children	Proportion	All women 15-49
Wants to delay child at least 2 years	Proportion	All women 15-49
Ideal number of children	Mean	All women 15-49
Mother received tetanus injection	Proportion	Most recent birth in last 5 years
Mother received medical care at birth	Proportion	Birth in last 5 years
Had diarrhoea in the last 2 weeks	Proportion	Children under 5
Treated with ORS packets	Proportion	Children under 5 with diarrhoea in last 2 weeks
Sought medical treatment	Proportion	Children under 5 with diarrhoea in last 2 weeks
Having health card	Proportion	Children 12-23 months
Received BCG vaccination	Proportion	Children 12-23 months
Received DPT vaccination (3 doses)	Proportion	Children 12-23 months
Received polio vaccination (3 doses)	Proportion	Children 12-23 months
Received measles vaccination	Proportion	Children 12-23 months
Fully immunised	Proportion	Children 12-23 months
Total fertility rate (3 years)	Rate	Woman-years of exposure to child bearing
Neonatal mortality rate	Rate	Number of births
Infant mortality rate	Rate	Number of births
Child mortality rate	Rate	Number of births
Under-five mortality rate	Rate	Number of births
Postneonatal mortality rate	Rate	Number of births
MEN		
Urban resident	Proportion	All men 15-59
No education	Proportion	All men 15-59
Secondary education or more	Proportion	All men 15-59
Never in union	Proportion	All men 15-59
Currently in union	Proportion	All men 15-59
Knowing any method	Proportion	All men 15-59
Knowing any modern method	Proportion	All men 15-59
Ever used any method	Proportion	All men 15-59
Using any method	Proportion	All men 15-59
Using any modern method	Proportion	All men 15-59
Using pill	Proportion	All men 15-59
Using IUD	Proportion	All men 15-59
Using injectables	Proportion	All men 15-59
Using condom	Proportion	All men 15-59
Using female sterilisation	Proportion	All men 15-59
Currently using abstinence	Proportion	All men 15-59
Using withdrawal	Proportion	All men 15-59
Ideal number of children	Mean	All men 15-59

Table B.2 Sampling errors for women - Total sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.279	0.029	4029	4029	4.139	0.105	0.220	0.337
No education	0.271	0.019	4029	4029	2.676	0.069	0.234	0.309
Secondary education or more	0.053	0.007	4029	4029	1.950	0.129	0.040	0.067
Never in union	0.234	0.010	4029	4029	1.486	0.042	0.214	0.254
Currently in union	0.658	0.012	4029	4029	1.636	0.019	0.634	0.683
Ever in union before 20	0.669	0.013	3096	3120	1.524	0.019	0.643	0.695
Sex before 18	0.675	0.012	3096	3120	1.399	0.017	0.652	0.699
Children ever born	2.925	0.070	4029	4029	1.543	0.024	2.785	3.065
Children ever born to women over 40	6.687	0.187	590	614	1.511	0.028	6.312	7.062
Children surviving	2.410	0.055	4029	4029	1.437	0.023	2.301	2.519
Knowing any method	0.909	0.014	4029	4029	2.997	0.015	0.882	0.936
Knowing any modern method	0.905	0.015	4029	4029	3.198	0.016	0.875	0.935
Ever used any method	0.405	0.014	4029	4029	1.813	0.035	0.377	0.433
Using any method	0.223	0.011	4029	4029	1.645	0.048	0.201	0.245
Using any modern method	0.156	0.011	4029	4029	1.870	0.068	0.135	0.178
Using pill	0.046	0.005	4029	4029	1.654	0.119	0.035	0.057
Using IUD	0.005	0.001	4029	4029	1.323	0.304	0.002	0.008
Using injectables	0.054	0.006	4029	4029	1.581	0.105	0.042	0.065
Using condom	0.035	0.005	4029	4029	1.777	0.147	0.025	0.045
Using female sterilisation	0.015	0.003	4029	4029	1.318	0.166	0.010	0.020
Currently using abstinence	0.022	0.003	4029	4029	1.264	0.133	0.016	0.028
Using withdrawal	0.025	0.004	4029	4029	1.571	0.155	0.017	0.033
Public source user	0.672	0.033	621	630	1.751	0.049	0.606	0.738
Desires no more children	0.237	0.011	4029	4029	1.587	0.045	0.216	0.258
Wants to delay child at least 2 years	0.311	0.012	4029	4029	1.587	0.037	0.287	0.334
Ideal number of children	5.263	0.078	3911	3916	2.005	0.015	5.106	5.419
Mother received tetanus injection	0.827	0.021	2118	2183	2.653	0.026	0.784	0.870
Mother received medical care at birth	0.438	0.026	3215	3282	2.557	0.060	0.386	0.491
Had diarrhoea in the last 2 weeks	0.124	0.009	2839	2898	1.417	0.073	0.106	0.142
Treated with ORS packets	0.549	0.038	350	358	1.402	0.070	0.472	0.626
Sought medical treatment	0.632	0.036	350	358	1.341	0.056	0.561	0.703
Having health card	0.741	0.038	561	593	2.118	0.052	0.664	0.818
Received BCG vaccination	0.927	0.014	561	593	1.280	0.015	0.899	0.955
Received DPT vaccination (3 doses)	0.810	0.033	561	593	2.018	0.041	0.743	0.876
Received polio vaccination (3 doses)	0.799	0.027	561	593	1.589	0.033	0.746	0.852
Received measles vaccination	0.781	0.030	561	593	1.751	0.039	0.721	0.842
Fully immunised	0.683	0.034	561	593	1.791	0.050	0.615	0.752
Total fertility rate (3 years)	5.554	0.264	NA	11109	2.010	0.047	5.027	6.081
Neonatal mortality rate (5 years)	40.414	4.701	3279	3356	1.281	0.116	31.012	49.815
Infant mortality rate (5 years)	99.139	7.096	3289	3366	1.240	0.072	84.948	113.331
Child mortality rate (5 years)	52.675	6.173	3322	3396	1.472	0.117	40.328	65.022
Under-five mortality rate (5 years)	146.593	9.079	3334	3408	1.362	0.062	128.435	164.750
Postneonatal mortality rate (5 years)	58.726	6.333	3287	3364	1.365	0.108	46.059	71.393

NA = Not applicable

Table B.3 Sampling errors for women - Urban sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	1.000	0.000	1418	1122	NA	0.000	1.000	1.000
No education	0.132	0.021	1418	1122	2.372	0.161	0.090	0.175
Secondary education or more	0.133	0.023	1418	1122	2.564	0.174	0.087	0.179
Never in union	0.292	0.014	1418	1122	1.198	0.049	0.263	0.321
Currently in union	0.554	0.021	1418	1122	1.570	0.037	0.512	0.595
Ever in union before 20	0.556	0.021	1109	905	1.405	0.038	0.514	0.598
Sex before 18	0.618	0.020	1109	905	1.339	0.032	0.579	0.657
Children ever born	2.161	0.078	1418	1122	1.324	0.036	2.005	2.318
Children ever born to women over 40	5.334	0.339	189	147	1.710	0.064	4.656	6.012
Children surviving	1.814	0.067	1418	1122	1.338	0.037	1.679	1.948
Knowing any method	0.976	0.006	1418	1122	1.455	0.006	0.964	0.988
Knowing any modern method	0.975	0.006	1418	1122	1.456	0.006	0.963	0.987
Ever used any method	0.567	0.017	1418	1122	1.281	0.030	0.534	0.601
Using any method	0.330	0.021	1418	1122	1.682	0.064	0.288	0.372
Using any modern method	0.289	0.017	1418	1122	1.421	0.059	0.255	0.323
Using pill	0.089	0.013	1418	1122	1.783	0.152	0.062	0.115
Using IUD	0.012	0.004	1418	1122	1.336	0.322	0.004	0.020
Using injectables	0.099	0.013	1418	1122	1.596	0.128	0.073	0.124
Using condom	0.067	0.015	1418	1122	2.239	0.221	0.037	0.097
Using female sterilisation	0.018	0.006	1418	1122	1.688	0.333	0.006	0.030
Currently using abstinence	0.028	0.007	1418	1122	1.549	0.242	0.014	0.042
Using withdrawal	0.008	0.003	1418	1122	1.178	0.340	0.003	0.014
Public source user	0.636	0.043	366	324	1.692	0.067	0.551	0.722
Desires no more children	0.220	0.027	1418	1122	2.431	0.122	0.166	0.273
Wants to delay child at least 2 years	0.323	0.021	1418	1122	1.675	0.064	0.282	0.365
Ideal number of children	4.309	0.097	1388	1107	1.938	0.022	4.115	4.503
Mother received tetanus injection	0.914	0.018	616	502	1.606	0.020	0.878	0.950
Mother received medical care at birth	0.833	0.031	820	614	2.007	0.037	0.772	0.895
Had diarrhoea in the last 2 weeks	0.098	0.014	741	546	1.225	0.138	0.071	0.125
Treated with ORS packets	0.510	0.088	75	54	1.448	0.173	0.334	0.686
Sought medical treatment	0.701	0.086	75	54	1.542	0.123	0.529	0.873
Having health card	0.696	0.063	148	112	1.632	0.091	0.570	0.823
Received BCG vaccination	1.000	0.000	148	112	NA	0.000	1.000	1.000
Received DPT vaccination (3 doses)	0.899	0.062	148	112	2.435	0.069	0.775	1.000
Received polio vaccination (3 doses)	0.848	0.060	148	112	1.981	0.071	0.729	0.968
Received measles vaccination	0.903	0.034	148	112	1.346	0.037	0.835	0.970
Fully immunised	0.805	0.059	148	112	1.754	0.073	0.688	0.922
Total fertility rate (3 years)	3.160	0.282	NA	3173	2.180	0.089	2.597	3.724
Neonatal mortality rate (10 years)	51.979	7.385	1635	1257	1.207	0.142	37.209	66.749
Infant mortality rate (10 years)	87.274	9.326	1636	1258	1.242	0.107	68.622	105.927
Child mortality rate (10 years)	59.557	8.442	1644	1267	1.249	0.142	42.673	76.440
Under-five mortality rate (10 years)	141.633	11.042	1646	1269	1.252	0.078	119.550	163.716
Postneonatal mortality rate (10 years)	35.296	9.903	1635	1256	2.159	0.281	15.489	55.102

NA = Not applicable

Table B.4 Sampling errors for women - Rural sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.000	0.000	2611	2907	NA	NA	0.000	0.000
No education	0.325	0.022	2611	2907	2.417	0.068	0.281	0.369
Secondary education or more	0.023	0.003	2611	2907	1.099	0.141	0.016	0.029
Never in union	0.212	0.012	2611	2907	1.464	0.055	0.188	0.235
Currently in union	0.699	0.012	2611	2907	1.371	0.018	0.674	0.723
Ever in union before 20	0.715	0.014	1987	2215	1.339	0.019	0.688	0.742
Sex before 18	0.699	0.014	1987	2215	1.351	0.020	0.671	0.727
Children ever born	3.220	0.073	2611	2907	1.230	0.023	3.074	3.367
Children ever born to women over 40	7.114	0.193	401	467	1.298	0.027	6.729	7.500
Children surviving	2.640	0.055	2611	2907	1.109	0.021	2.529	2.750
Knowing any method	0.883	0.018	2611	2907	2.844	0.020	0.847	0.919
Knowing any modern method	0.878	0.020	2611	2907	3.046	0.022	0.839	0.917
Ever used any method	0.343	0.017	2611	2907	1.792	0.049	0.310	0.376
Using any method	0.182	0.012	2611	2907	1.604	0.067	0.157	0.206
Using any modern method	0.105	0.011	2611	2907	1.894	0.108	0.082	0.128
Using pill	0.030	0.004	2611	2907	1.346	0.151	0.021	0.039
Using IUD	0.002	0.001	2611	2907	1.231	0.561	0.000	0.004
Using injectables	0.036	0.006	2611	2907	1.528	0.154	0.025	0.047
Using condom	0.022	0.004	2611	2907	1.531	0.198	0.013	0.031
Using female sterilisation	0.014	0.003	2611	2907	1.149	0.186	0.009	0.020
Currently using abstinence	0.020	0.003	2611	2907	1.140	0.157	0.014	0.026
Using withdrawal	0.031	0.005	2611	2907	1.472	0.161	0.021	0.041
Public source user	0.710	0.050	255	305	1.774	0.071	0.609	0.811
Desires no more children	0.244	0.010	2611	2907	1.195	0.041	0.224	0.264
Wants to delay child at least 2 years	0.306	0.014	2611	2907	1.549	0.046	0.278	0.334
Ideal number of children	5.638	0.077	2523	2809	1.532	0.014	5.483	5.793
Mother received tetanus injection	0.801	0.026	1502	1681	2.578	0.033	0.748	0.854
Mother received medical care at birth	0.348	0.024	2395	2668	2.092	0.070	0.299	0.396
Had diarrhoea in the last 2 weeks	0.129	0.011	2098	2353	1.395	0.083	0.108	0.151
Treated with ORS packets	0.555	0.042	275	304	1.344	0.076	0.471	0.640
Sought medical treatment	0.620	0.039	275	304	1.262	0.063	0.543	0.698
Having health card	0.751	0.045	413	481	2.132	0.060	0.661	0.841
Received BCG vaccination	0.910	0.016	413	481	1.165	0.018	0.877	0.943
Received DPT vaccination (3 doses)	0.789	0.039	413	481	1.917	0.049	0.712	0.866
Received polio vaccination (3 doses)	0.788	0.029	413	481	1.474	0.037	0.729	0.847
Received measles vaccination	0.753	0.036	413	481	1.677	0.047	0.682	0.824
Fully immunised	0.655	0.039	413	481	1.694	0.059	0.577	0.733
Total fertility rate (3 years)	6.483	0.220	NA	7935	1.397	0.034	6.043	6.923
Neonatal mortality rate (10 years)	43.444	4.475	4571	4999	1.340	0.103	34.493	52.395
Infant mortality rate (10 years)	112.951	7.905	4581	5009	1.479	0.070	97.142	128.761
Child mortality rate (10 years)	59.728	5.925	4619	5057	1.354	0.099	47.877	71.579
Under-five mortality rate (10 years)	165.933	10.738	4630	5068	1.669	0.065	144.457	187.409
Postneonatal mortality rate (10 years)	69.507	5.792	4580	5008	1.329	0.083	57.924	81.091

NA = Not applicable

Table B.5 Sampling errors for women - Mainland sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.277	0.030	3060	3929	3.709	0.108	0.217	0.337
No education	0.271	0.019	3060	3929	2.391	0.071	0.233	0.309
Secondary education or more	0.046	0.007	3060	3929	1.845	0.152	0.032	0.060
Never in union	0.234	0.010	3060	3929	1.328	0.044	0.213	0.254
Currently in union	0.659	0.013	3060	3929	1.463	0.019	0.634	0.684
Ever in union before 20	0.666	0.013	2367	3045	1.360	0.020	0.640	0.693
Sex before 18	0.678	0.012	2367	3045	1.256	0.018	0.653	0.702
Children ever born	2.915	0.072	3060	3929	1.382	0.025	2.772	3.058
Children ever born to women over 40	6.673	0.191	463	601	1.368	0.029	6.291	7.056
Children surviving	2.398	0.056	3060	3929	1.286	0.023	2.287	2.510
Knowing any method	0.908	0.014	3060	3929	2.665	0.015	0.880	0.936
Knowing any modern method	0.904	0.015	3060	3929	2.844	0.017	0.874	0.934
Ever used any method	0.408	0.014	3060	3929	1.616	0.035	0.379	0.437
Using any method	0.225	0.011	3060	3929	1.462	0.049	0.203	0.247
Using any modern method	0.157	0.011	3060	3929	1.663	0.070	0.136	0.179
Using pill	0.046	0.006	3060	3929	1.478	0.122	0.035	0.057
Using IUD	0.005	0.001	3060	3929	1.184	0.313	0.002	0.008
Using injectables	0.054	0.006	3060	3929	1.408	0.107	0.042	0.065
Using condom	0.035	0.005	3060	3929	1.572	0.148	0.025	0.046
Using female sterilisation	0.016	0.003	3060	3929	1.168	0.168	0.010	0.021
Currently using abstinence	0.022	0.003	3060	3929	1.123	0.134	0.016	0.028
Using withdrawal	0.025	0.004	3060	3929	1.393	0.157	0.017	0.033
Public source user	0.671	0.034	509	619	1.609	0.050	0.604	0.738
Desires no more children	0.239	0.011	3060	3929	1.416	0.046	0.217	0.261
Wants to delay child at least 2 years	0.310	0.012	3060	3929	1.419	0.038	0.286	0.333
Ideal number of children	5.224	0.080	2975	3820	1.810	0.015	5.064	5.384
Mother received tetanus injection	0.827	0.022	1619	2131	2.372	0.027	0.783	0.871
Mother received medical care at birth	0.439	0.027	2406	3196	2.288	0.062	0.385	0.493
Had diarrhoea in the last 2 weeks	0.124	0.009	2107	2820	1.265	0.075	0.105	0.142
Treated with ORS packets	0.555	0.039	269	349	1.251	0.071	0.476	0.634
Sought medical treatment	0.636	0.036	269	349	1.199	0.057	0.563	0.709
Having health card	0.740	0.039	426	578	1.890	0.053	0.662	0.819
Received BCG vaccination	0.926	0.014	426	578	1.132	0.016	0.897	0.955
Received DPT vaccination (3 doses)	0.809	0.034	426	578	1.800	0.042	0.741	0.878
Received polio vaccination (3 doses)	0.799	0.027	426	578	1.416	0.034	0.744	0.853
Received measles vaccination	0.782	0.031	426	578	1.565	0.040	0.720	0.844
Fully immunised	0.683	0.035	426	578	1.599	0.052	0.612	0.753
Total fertility rate (3 years)	5.55	0.270	NA	NA	1.798	0.049	5.010	6.090
Neonatal mortality rate (10 years)	45.440	4.004	4612	6086	1.206	0.088	37.431	53.448
Infant mortality rate (10 years)	108.483	6.851	4622	6097	1.354	0.063	94.781	122.184
Child mortality rate (10 years)	60.472	5.101	4659	6152	1.202	0.084	50.270	70.674
Under-five mortality rate (10 years)	162.394	9.031	4671	6166	1.484	0.056	144.332	180.457
Postneonatal mortality rate (10 years)	63.043	5.518	4620	6094	1.390	0.088	52.007	74.079

NA = Not applicable

Table B.6 Sampling errors for women - Zanzibar sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.344	0.027	969	100	1.752	0.078	0.291	0.398
No education	0.284	0.020	969	100	1.348	0.069	0.244	0.323
Secondary education or more	0.338	0.018	969	100	1.213	0.055	0.301	0.375
Never in union	0.259	0.021	969	100	1.469	0.080	0.218	0.300
Currently in union	0.618	0.021	969	100	1.332	0.034	0.576	0.659
Ever in union before 20	0.772	0.014	729	75	0.895	0.018	0.744	0.799
Sex before 18	0.587	0.025	729	75	1.360	0.042	0.537	0.637
Children ever born	3.335	0.098	969	100	0.922	0.029	3.138	3.532
Children ever born to women over 40	7.319	0.303	127	13	1.055	0.041	6.712	7.926
Children surviving	2.859	0.094	969	100	1.023	0.033	2.671	3.047
Knowing any method	0.947	0.008	969	100	1.151	0.009	0.930	0.963
Knowing any modern method	0.944	0.009	969	100	1.166	0.009	0.927	0.961
Ever used any method	0.301	0.020	969	100	1.341	0.066	0.261	0.340
Using any method	0.136	0.011	969	100	1.002	0.081	0.114	0.158
Using any modern method	0.109	0.011	969	100	1.064	0.098	0.088	0.131
Using pill	0.048	0.008	969	100	1.202	0.173	0.031	0.064
Using IUD	0.006	0.002	969	100	0.767	0.330	0.002	0.009
Using injectables	0.039	0.006	969	100	0.969	0.155	0.027	0.051
Using condom	0.011	0.003	969	100	0.917	0.279	0.005	0.017
Using female sterilisation	0.007	0.003	969	100	1.244	0.494	0.000	0.013
Currently using abstinence	0.012	0.004	969	100	1.058	0.305	0.005	0.020
Using withdrawal	0.009	0.003	969	100	1.145	0.395	0.002	0.015
Public source user	0.739	0.076	112	11	1.829	0.103	0.587	0.892
Desires no more children	0.169	0.014	969	100	1.134	0.081	0.141	0.196
Wants to delay child at least 2 years	0.349	0.019	969	100	1.217	0.053	0.312	0.386
Ideal number of children	6.796	0.138	936	96	1.342	0.020	6.520	7.071
Mother received tetanus injection	0.812	0.013	499	52	0.770	0.016	0.785	0.839
Mother received medical care at birth	0.412	0.024	809	86	1.133	0.057	0.365	0.459
Had diarrhoea in the last 2 weeks	0.116	0.014	732	78	1.229	0.124	0.087	0.145
Treated with ORS packets	0.294	0.051	81	9	0.976	0.174	0.192	0.397
Sought medical treatment	0.477	0.075	81	9	1.365	0.157	0.327	0.627
Having health card	0.756	0.042	135	15	1.150	0.055	0.673	0.840
Received BCG vaccination	0.978	0.017	135	15	1.401	0.018	0.944	1.000
Received DPT vaccination (3 doses)	0.833	0.025	135	15	0.780	0.030	0.784	0.882
Received polio vaccination (3 doses)	0.828	0.026	135	15	0.825	0.032	0.776	0.881
Received measles vaccination	0.750	0.059	135	15	1.613	0.079	0.631	0.868
Fully immunised	0.700	0.044	135	15	1.129	0.063	0.612	0.788
Total fertility rate	5.582	0.388	NA	NA	1.567	0.069	4.809	6.361
Neonatal mortality rate (10 years)	35.154	5.349	1594	170	1.058	0.152	24.455	45.853
Infant mortality rate (10 years)	83.049	7.709	1595	170	0.991	0.093	67.630	98.468
Child mortality rate (10 years)	34.113	6.310	1604	171	1.213	0.185	21.493	46.732
Under-five mortality rate (10 years)	114.328	10.276	1605	171	1.175	0.090	93.776	134.881
Postneonatal mortality rate (10 years)	47.895	5.779	1595	170	0.946	0.121	36.336	59.454

NA = Not applicable

Table B.7 Sampling errors for women - Pemba sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.160	0.021	396	44	1.130	0.130	0.118	0.202
No education	0.393	0.032	396	44	1.282	0.080	0.330	0.456
Secondary education or more	0.232	0.031	396	44	1.469	0.134	0.170	0.294
Never in union	0.264	0.035	396	44	1.593	0.134	0.193	0.335
Currently in union	0.624	0.039	396	44	1.590	0.062	0.547	0.702
Ever in union before 20	0.791	0.018	290	32	0.761	0.023	0.755	0.827
Sex before 18	0.565	0.046	290	32	1.587	0.082	0.473	0.658
Children ever born	3.618	0.108	396	44	0.614	0.030	3.403	3.834
Children ever born to women over 40	7.700	0.362	49	5	0.798	0.047	6.975	8.424
Children surviving	3.112	0.093	396	44	0.613	0.030	2.926	3.297
Knowing any method	0.924	0.014	396	44	1.080	0.016	0.895	0.953
Knowing any modern method	0.920	0.015	396	44	1.130	0.017	0.889	0.951
Ever used any method	0.178	0.013	396	44	0.684	0.074	0.151	0.204
Using any method	0.068	0.009	396	44	0.681	0.126	0.051	0.086
Using any modern method	0.049	0.011	396	44	1.030	0.229	0.027	0.071
Using pill	0.011	0.002	396	44	0.432	0.205	0.007	0.016
Using IUD	0.002	0.002	396	44	0.923	1.020	0.000	0.006
Using injectables	0.025	0.010	396	44	1.301	0.410	0.004	0.045
Using condom	0.000	0.000	396	44	NA	NA	0.000	0.000
Using female sterilisation	0.011	0.007	396	44	1.311	0.631	0.000	0.024
Currently using abstinence	0.010	0.004	396	44	0.803	0.400	0.002	0.018
Using withdrawal	0.008	0.005	396	44	1.236	0.710	0.000	0.018
Public source user	1.000	0.000	22	2	NA	0.000	1.000	1.000
Desires no more children	0.155	0.022	396	44	1.201	0.141	0.111	0.198
Wants to delay child at least 2 years	0.368	0.023	396	44	0.930	0.061	0.323	0.413
Ideal number of children	8.069	0.183	377	41	1.031	0.023	7.704	8.435
Mother received tetanus injection	0.786	0.023	213	24	0.842	0.030	0.739	0.833
Mother received medical care at birth	0.287	0.019	361	42	0.688	0.067	0.248	0.326
Had diarrhoea in the last 2 weeks	0.163	0.018	324	38	0.901	0.111	0.127	0.200
Treated with ORS packets	0.373	0.057	50	6	0.806	0.152	0.260	0.486
Sought medical treatment	0.474	0.096	50	6	1.395	0.203	0.281	0.666
Having health card	0.665	0.056	65	8	0.965	0.085	0.552	0.777
Received BCG vaccination	0.958	0.033	65	8	1.354	0.035	0.891	1.000
Received DPT vaccination (3 doses)	0.716	0.051	65	8	0.915	0.071	0.614	0.817
Received polio vaccination (3 doses)	0.706	0.047	65	8	0.844	0.067	0.612	0.801
Received measles vaccination	0.615	0.098	65	8	1.620	0.159	0.419	0.810
Fully immunised	0.518	0.060	65	8	0.962	0.116	0.398	0.639

NA = Not applicable

Table B.8 Sampling errors for women - Unguja sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.488	0.036	573	56	1.739	0.074	0.415	0.561
No education	0.198	0.023	573	56	1.353	0.114	0.153	0.244
Secondary education or more	0.421	0.021	573	56	1.033	0.051	0.378	0.464
Never in union	0.255	0.024	573	56	1.325	0.095	0.207	0.303
Currently in union	0.613	0.022	573	56	1.059	0.035	0.570	0.656
Ever in union before 20	0.757	0.021	439	43	1.008	0.027	0.716	0.798
Sex before 18	0.603	0.024	439	43	1.031	0.040	0.555	0.651
Children ever born	3.114	0.152	573	56	1.146	0.049	2.810	3.417
Children ever born to women over 40	7.058	0.445	78	8	1.199	0.063	6.169	7.947
Children surviving	2.661	0.149	573	56	1.310	0.056	2.364	2.959
Knowing any method	0.965	0.008	573	56	1.054	0.008	0.948	0.981
Knowing any modern method	0.963	0.007	573	56	0.942	0.008	0.948	0.978
Ever used any method	0.397	0.029	573	56	1.413	0.073	0.339	0.454
Using any method	0.189	0.017	573	56	1.068	0.092	0.154	0.224
Using any modern method	0.156	0.014	573	56	0.933	0.091	0.128	0.185
Using pill	0.076	0.014	573	56	1.223	0.178	0.049	0.103
Using IUD	0.008	0.003	573	56	0.705	0.323	0.003	0.014
Using injectables	0.049	0.007	573	56	0.774	0.142	0.035	0.063
Using condom	0.020	0.005	573	56	0.938	0.277	0.009	0.031
Using female sterilisation	0.003	0.002	573	56	0.999	0.741	0.000	0.008
Currently using abstinence	0.014	0.006	573	56	1.206	0.425	0.002	0.026
Using withdrawal	0.009	0.004	573	56	1.092	0.469	0.001	0.018
Public source user	0.676	0.092	90	9	1.863	0.137	0.491	0.861
Desires no more children	0.180	0.017	573	56	1.044	0.093	0.146	0.213
Wants to delay child at least 2 years	0.334	0.027	573	56	1.354	0.080	0.281	0.388
Ideal number of children	5.833	0.194	559	55	1.827	0.033	5.445	6.220
Mother received tetanus injection	0.834	0.013	286	28	0.616	0.016	0.807	0.861
Mother received medical care at birth	0.529	0.037	448	45	1.309	0.069	0.456	0.603
Had diarrhoea in the last 2 weeks	0.072	0.014	408	40	1.068	0.188	0.045	0.099
Treated with ORS packets	0.126	0.067	31	3	1.088	0.528	0.000	0.260
Sought medical treatment	0.484	0.114	31	3	1.214	0.236	0.256	0.712
Having health card	0.854	0.059	70	7	1.409	0.069	0.736	0.972
Received BCG vaccination	1.000	0.000	70	7	NA	0.000	1.000	1.000
Received DPT vaccination (3 doses)	0.958	0.028	70	7	1.162	0.029	0.903	1.000
Received polio vaccination (3 doses)	0.958	0.028	70	7	1.162	0.029	0.903	1.000
Received measles vaccination	0.894	0.038	70	7	1.056	0.043	0.817	0.970
Fully immunised	0.894	0.038	70	7	1.056	0.043	0.817	0.970

NA = Not applicable

Table B.9 Sampling errors for men - Total sample: Tanzania 1999

Variable	Value (R)	Standard error (SE)	Number of cases		Design effect (DEFT)	Relative error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.266	0.022	3542	3542	2.989	0.083	0.221	0.310
No education	0.140	0.011	3542	3542	1.819	0.076	0.119	0.161
Secondary education or more	0.071	0.006	3542	3542	1.338	0.082	0.059	0.082
Never in union	0.364	0.012	3542	3542	1.440	0.032	0.341	0.387
Currently in union	0.582	0.014	3542	3542	1.686	0.024	0.555	0.610
Knowing any method	0.928	0.006	3542	3542	1.490	0.007	0.915	0.941
Knowing any modern method	0.920	0.006	3542	3542	1.267	0.006	0.909	0.932
Ever used any method	0.482	0.015	3542	3542	1.806	0.031	0.451	0.512
Using any method	0.293	0.012	3542	3542	1.623	0.042	0.268	0.318
Using any modern method	0.208	0.013	3542	3542	1.890	0.062	0.182	0.234
Using pill	0.040	0.006	3542	3542	1.871	0.153	0.028	0.053
Using IUD	0.003	0.001	3542	3542	1.166	0.384	0.001	0.005
Using injectables	0.031	0.004	3542	3542	1.444	0.136	0.023	0.039
Using condom	0.120	0.010	3542	3542	1.863	0.085	0.100	0.140
Using female sterilisation	0.014	0.003	3542	3542	1.354	0.194	0.008	0.019
Currently using abstinence	0.041	0.005	3542	3542	1.401	0.114	0.031	0.050
Using withdrawal	0.024	0.003	3542	3542	1.162	0.124	0.018	0.030
Ideal number of children	5.609	0.138	3379	3409	2.271	0.025	5.332	5.885

NA = Not applicable

Table B.10 Sampling errors for men - Urban sample: Tanzania 1999

Variable	Value (R)	Standard error (SE)	Number of cases		Design effect (DEFT)	Relative error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	1.000	0.000	1250	941	NA	0.000	1.000	1.000
No education	0.070	0.019	1250	941	2.604	0.268	0.033	0.108
Secondary education or more	0.165	0.020	1250	941	1.911	0.122	0.125	0.205
Never in union	0.406	0.025	1250	941	1.823	0.062	0.355	0.456
Currently in union	0.535	0.031	1250	941	2.187	0.058	0.473	0.597
Knowing any method	0.973	0.006	1250	941	1.403	0.007	0.961	0.986
Knowing any modern method	0.968	0.007	1250	941	1.471	0.008	0.953	0.982
Ever used any method	0.608	0.030	1250	941	2.164	0.049	0.548	0.668
Using any method	0.385	0.023	1250	941	1.674	0.060	0.339	0.431
Using any modern method	0.318	0.029	1250	941	2.180	0.090	0.260	0.375
Using pill	0.068	0.019	1250	941	2.653	0.277	0.030	0.106
Using IUD	0.006	0.002	1250	941	1.058	0.394	0.001	0.010
Using injectables	0.039	0.009	1250	941	1.679	0.235	0.021	0.058
Using condom	0.190	0.023	1250	941	2.050	0.120	0.145	0.236
Using female sterilisation	0.012	0.007	1250	941	2.161	0.546	0.000	0.026
Currently using abstinence	0.041	0.009	1250	941	1.589	0.218	0.023	0.059
Using withdrawal	0.014	0.003	1250	941	0.842	0.198	0.009	0.020
Ideal number of children	4.327	0.111	1194	909	1.727	0.026	4.105	4.550

NA = Not applicable

Table B.11 Sampling errors for men - Rural sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.000	0.000	2292	2601	NA	NA	0.000	0.000
No education	0.165	0.013	2292	2601	1.628	0.077	0.140	0.190
Secondary education or more	0.036	0.004	2292	2601	1.049	0.113	0.028	0.044
Never in union	0.349	0.013	2292	2601	1.307	0.037	0.323	0.375
Currently in union	0.600	0.015	2292	2601	1.513	0.026	0.569	0.631
Knowing any method	0.911	0.008	2292	2601	1.388	0.009	0.894	0.927
Knowing any modern method	0.903	0.007	2292	2601	1.171	0.008	0.889	0.918
Ever used any method	0.436	0.017	2292	2601	1.594	0.038	0.403	0.469
Using any method	0.260	0.014	2292	2601	1.506	0.053	0.232	0.288
Using any modern method	0.168	0.013	2292	2601	1.674	0.078	0.142	0.195
Using pill	0.030	0.004	2292	2601	1.256	0.148	0.021	0.039
Using IUD	0.001	0.001	2292	2601	1.357	0.741	0.000	0.004
Using injectables	0.028	0.005	2292	2601	1.329	0.163	0.019	0.037
Using condom	0.095	0.011	2292	2601	1.840	0.119	0.072	0.117
Using female sterilisation	0.014	0.003	2292	2601	1.076	0.188	0.009	0.019
Currently using abstinence	0.041	0.005	2292	2601	1.323	0.134	0.030	0.051
Using withdrawal	0.028	0.004	2292	2601	1.143	0.142	0.020	0.035
Ideal number of children	6.075	0.174	2185	2500	2.135	0.029	5.727	6.422

NA = Not applicable

Table B.12 Sampling errors for men - Mainland sample: Tanzania 1999

Variable	Value (R)	Standard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.263	0.023	2673	3452	2.674	0.087	0.218	0.309
No education	0.139	0.011	2673	3452	1.626	0.078	0.117	0.161
Secondary education or more	0.063	0.006	2673	3452	1.223	0.091	0.052	0.075
Never in union	0.363	0.012	2673	3452	1.283	0.033	0.339	0.387
Currently in union	0.583	0.014	2673	3452	1.502	0.025	0.555	0.612
Knowing any method	0.927	0.007	2673	3452	1.321	0.007	0.913	0.940
Knowing any modern method	0.919	0.006	2673	3452	1.123	0.006	0.907	0.931
Ever used any method	0.487	0.016	2673	3452	1.605	0.032	0.456	0.518
Using any method	0.297	0.013	2673	3452	1.439	0.043	0.271	0.322
Using any modern method	0.211	0.013	2673	3452	1.674	0.063	0.184	0.237
Using pill	0.040	0.006	2673	3452	1.669	0.158	0.028	0.053
Using IUD	0.003	0.001	2673	3452	1.035	0.391	0.001	0.005
Using injectables	0.031	0.004	2673	3452	1.277	0.137	0.023	0.040
Using condom	0.122	0.010	2673	3452	1.649	0.086	0.101	0.143
Using female sterilisation	0.014	0.003	2673	3452	1.193	0.194	0.008	0.019
Currently using abstinence	0.041	0.005	2673	3452	1.244	0.116	0.031	0.050
Using withdrawal	0.024	0.003	2673	3452	1.032	0.127	0.018	0.030
Ideal number of children	5.548	0.141	2577	3325	2.074	0.025	5.266	5.830

NA = Not applicable

Table B.13 Sampling errors for men - Zanzibar sample: Tanzania 1999

Variable	Value (R)	Standard error (SE)	Number of cases		Design effect (DEFT)	Relative error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.356	0.032	869	90	1.951	0.089	0.293	0.420
No education	0.176	0.014	869	90	1.052	0.077	0.148	0.203
Secondary education or more	0.341	0.019	869	90	1.174	0.055	0.303	0.379
Never in union	0.406	0.018	869	90	1.071	0.044	0.371	0.442
Currently in union	0.549	0.016	869	90	0.922	0.028	0.518	0.581
Knowing any method	0.962	0.006	869	90	0.992	0.007	0.949	0.975
Knowing any modern method	0.962	0.006	869	90	0.992	0.007	0.949	0.975
Ever used any method	0.289	0.016	869	90	1.011	0.054	0.258	0.320
Using any method	0.164	0.011	869	90	0.897	0.069	0.142	0.187
Using any modern method	0.113	0.008	869	90	0.780	0.074	0.097	0.130
Using pill	0.043	0.005	869	90	0.788	0.126	0.032	0.054
Using IUD	0.002	0.001	869	90	0.927	0.717	0.000	0.005
Using injectables	0.014	0.002	869	90	0.600	0.172	0.009	0.019
Using condom	0.052	0.006	869	90	0.765	0.110	0.041	0.064
Using female sterilisation	0.002	0.002	869	90	1.010	0.729	0.000	0.005
Currently using abstinence	0.028	0.005	869	90	0.923	0.184	0.018	0.038
Using withdrawal	0.017	0.004	869	90	0.815	0.207	0.010	0.025
Ideal number of children	8.056	0.408	802	83	2.090	0.051	7.240	8.871

NA = Not applicable

Table B.14 Sampling errors for men - Pemba sample: Tanzania 1999

Variable	Value (R)	Standard error (SE)	Number of cases		Design effect (DEFT)	Relative error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.151	0.020	316	36	0.985	0.132	0.111	0.190
No education	0.262	0.024	316	36	0.966	0.091	0.215	0.310
Secondary education or more	0.306	0.030	316	36	1.159	0.098	0.246	0.366
Never in union	0.353	0.032	316	36	1.204	0.092	0.288	0.418
Currently in union	0.619	0.027	316	36	0.986	0.044	0.565	0.673
Knowing any method	0.954	0.011	316	36	0.945	0.012	0.932	0.977
Knowing any modern method	0.954	0.011	316	36	0.945	0.012	0.932	0.977
Ever used any method	0.171	0.018	316	36	0.836	0.104	0.136	0.207
Using any method	0.099	0.011	316	36	0.626	0.107	0.078	0.120
Using any modern method	0.037	0.005	316	36	0.430	0.124	0.028	0.046
Using pill	0.014	0.006	316	36	0.861	0.404	0.003	0.026
Using IUD	0.003	0.003	316	36	0.910	1.010	0.000	0.008
Using injectables	0.005	0.001	316	36	0.168	0.132	0.004	0.006
Using condom	0.010	0.007	316	36	1.197	0.688	0.000	0.023
Using female sterilisation	0.006	0.004	316	36	1.016	0.764	0.000	0.014
Currently using abstinence	0.036	0.010	316	36	0.996	0.289	0.015	0.057
Using withdrawal	0.017	0.005	316	36	0.694	0.294	0.007	0.028
Ideal number of children	10.791	0.647	288	33	1.815	0.060	9.497	12.085

NA = Not applicable

Table B.15 Sampling errors for men - Unguja sample: Tanzania 1999

Variable	Value (R)	Stan- dard error (SE)	Number of cases		Design effect (DEFT)	Rela- tive error (SE/R)	Confidence intervals	
			Un- weighted (N)	Weight- ed (WN)			R-2SE	R+2SE
Urban resident	0.490	0.039	553	55	1.835	0.080	0.412	0.568
No education	0.119	0.015	553	55	1.117	0.129	0.088	0.150
Secondary education or more	0.363	0.025	553	55	1.224	0.069	0.313	0.413
Never in union	0.441	0.017	553	55	0.801	0.038	0.407	0.475
Currently in union	0.504	0.016	553	55	0.743	0.031	0.472	0.535
Knowing any method	0.967	0.008	553	55	1.046	0.008	0.951	0.983
Knowing any modern method	0.967	0.008	553	55	1.046	0.008	0.951	0.983
Ever used any method	0.365	0.020	553	55	0.984	0.055	0.325	0.406
Using any method	0.207	0.016	553	55	0.927	0.077	0.175	0.239
Using any modern method	0.163	0.012	553	55	0.734	0.071	0.140	0.186
Using pill	0.062	0.008	553	55	0.761	0.126	0.046	0.077
Using IUD	0.002	0.002	553	55	0.925	1.015	0.000	0.005
Using injectables	0.020	0.004	553	55	0.632	0.191	0.012	0.027
Using condom	0.080	0.008	553	55	0.717	0.103	0.064	0.097
Using female sterilisation	0.000	0.000	553	55	NA	NA	0.000	0.000
Currently using abstinence	0.023	0.005	553	55	0.838	0.234	0.012	0.033
Using withdrawal	0.018	0.005	553	55	0.891	0.284	0.008	0.028
Ideal number of children	6.298	0.229	514	51	1.196	0.036	5.841	6.756

NA = Not applicable