

Iraq

Monitoring the situation of children and women



Multiple Indicator Cluster Survey 2011

Volume 2: Appendices



Central
Statistics
Organization



Kurdistan
Regional
Statistics Office



Ministry of
Health



United Nations
Children's Fund



Iraq
Multiple Indicator Cluster Survey
2011

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CSO
Central Statistics Organization

KRSO
Kurdistan Regional Statistics Office

UNICEF
United Nations Children's Fund

Partner: Ministry of Health

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Appendix A. Sample Design

The major features of the sample design are described in this appendix. Sample design features include target sample size, sample allocation, sampling frame and listing, choice of domains, sampling stages, stratification, and the calculation of sample weights.

The primary objective of the sample design for the Iraq Multiple Indicator Cluster Survey was to produce statistically estimates of most indicators with high precision at the national level, and with lower precision levels for smaller geographical units (governorates and districts).

Urban and rural areas in each of the 118 Districts were defined as the sampling strata.

A multi-stage, stratified cluster sampling approach was used for the selection of the survey sample.

Sample Size and Sample Allocation

The target sample size for the Iraq MICS was calculated as 35,580 households. For the calculation of the sample size, the key indicator used was the full immunization coverage among children aged 0-4 years according to MICS3. The following formula was used to estimate the required sample size for this indicator:

$$n = \frac{[3.84(r)(1 - r)(f)(1.05)]}{[(0.125r)^2(p)(\bar{n})]}$$

where

- n is the required sample size, expressed as number of households
- 3.84 is a factor to achieve the 95 percent level of confidence
- r is the predicted or anticipated value of the indicator, expressed in the form of a proportion (0.5)
- 1.05 is the factor necessary to raise the sample size by 10 per cent for the expected non-response
- f is the shortened symbol for *deff* (design effect): 1.35
- $0.125r$ is the margin of error to be tolerated at the 95 percent level of confidence, defined as 12.5 per cent of r (relative margin of error of r)
- p is the proportion of the total population upon which the indicator, r , is based: 16.7%
- \bar{n} is the average household size (number of persons per household): 6.7

For the calculation, *r full immunization coverage* was assumed to be 50 percent. The value of *deff* (design effect) was taken as 1.35 based on estimates from previous surveys, p (percentage of children aged 0-4 years in the total population) was taken as 16.7 percent, \bar{n} (average household size) was taken as 6.7 household members, and the response rate is assumed to be 95%.

The resulting number of households from this exercise was 311 households, taken to be 310, which is the sample size needed in each District – thus yielding about 36,580 in total. The average number of households selected per cluster for the Iraq MICS was determined as 10 households, based on a number of considerations, including the design effect, the budget available, and the time that would be needed per team to complete one cluster given the security conditions for the field teams. Dividing the total number of households by the number of sample households per cluster, it was calculated that 85 sample clusters would need to be selected in each region.

Equal allocation of the total sample size to the 118 districts was used. Therefore, 31 clusters were allocated to each district, with the final sample size calculated at 36,580 households (31 clusters * 118 regions * 10 sample households per cluster). In each region, the clusters (primary sampling units) were distributed to urban and rural domains, proportional to the size of urban and rural populations in that region. The table below shows the allocation of clusters to the sampling strata.

Table SD.1: Allocation of Sample Clusters (PSUs) to Sampling Strata

Governorate	Number of Districts	Number of Clusters	Urban	Rural	Number of Households
Dohuk	7	217	146	71	2170
Ninewa	7	217	106	111	2170
Suleimaniya	16	496	330	166	4960
Kirkuk	4	124	56	68	1240
Erbil	10	310	202	108	3100
Diyala	6	186	98	88	1860
Al-Anbar	8	248	151	97	2480
Baghdad	10	310	233	77	3100
Babil	4	124	60	64	1240
Karbala	3	93	48	45	930
Wasit	6	186	107	79	1860
Salahaddin	8	248	116	132	2480
Al-Najaf	3	93	57	36	930
Al-Qadisiya	4	124	67	57	1240
Al-Muthanna	4	124	59	65	1240
Thi-Qar	5	155	94	61	1550
Missan	6	186	106	80	1860
Basrah	7	217	163	54	2170
Total	118	3658	2199	1459	36580

Sampling Frame and Selection of Clusters

The Republic of Iraq is divided administratively into Governorates, each governorate is divided into Districts and each District consists of a number of sub-districts. The whole country consists of 18 Governorates, 118 Districts and 388 sub-Districts.

The Central Bureau of Statistics has suffered from the unavailability of a recent survey frame. In fact, the only available sampling frame, which has several shortcomings, was developed in 1997.

It was not until 2010 that a new sampling frame, designed to carry out the general census of the population, is available and can be used to select probability samples. In this context, MICS-4 is the first statistical survey that has used this sampling frame.

A data file has been developed including the following variables: Cluster, Governorate, District, Sub-District, Area, Block, and Number of households in the Cluster- (General Census of the Population-2010). The Census preparation for the Census pilot provided an updated listing of households which was reviewed in January 2011.

Selection of Households

Lists of households were prepared by the listing teams in the field for each enumeration area. The households were then sequentially numbered from 1 to n (the total number of households in each enumeration area) at the Central Statistical Organization and at the Kurdistan Regional Statistics Office, where the selection of 10 households in each enumeration area was carried out using random systematic selection procedures.

Calculation of Sample Weights

The Iraq Multiple Indicator Cluster Survey sample is not self-weighting. Essentially, by allocating equal numbers of households to each of the regions, different sampling fractions were used in each district since the size of the district varied. For this reason, sample weights were calculated and these were used in the subsequent analyses of the survey data.

The major component of the weight is the reciprocal of the sampling fraction employed in selecting the number of sample households in that particular sampling stratum (h) and PSU (i):

$$W_{hi} = \frac{1}{f_{hi}}$$

The term f_{hi} , the sampling fraction for the i -th sample PSU in the h -th stratum, is the product of probabilities of selection at every stage in each sampling stratum:

$$f_{hi} = p_{1hi} \times p_{2hi} \times p_{3hi}$$

where $p_{s hi}$ is the probability of selection of the sampling unit at stage s for the i -th sample PSU in the h -th sampling stratum.

Since the estimated number of households in each enumeration area (PSU) in the sampling frame used for the first stage selection and the updated number of households in the enumeration area from the listing were different, individual sampling fractions for households in each sample enumeration area (cluster) were calculated. The sampling fractions for households in each enumeration area (cluster) therefore included the first stage probability of selection of the enumeration area in that particular sampling stratum and the second stage probability of selection of a household in the sample enumeration area (cluster).

A second component in the calculation of sample weights takes into account the level of non-response for the household and individual interviews. The adjustment for household non-response is equal to the inverse value of:

$$RR_h = \text{Number of interviewed households in stratum } h / \text{Number of occupied households listed in stratum } h$$

After the completion of fieldwork, response rates were calculated for each sampling stratum. These were used to adjust the sample weights calculated for each cluster. Response rates in the Iraq Multiple Indicator Cluster Survey are shown in Table HH.1 in this report. Similarly, the adjustment for non-response at the individual level (women and under-5 children) for each stratum is equal to the inverse value of:

$$RR_h = \text{Completed women's (or under-5's) questionnaires in stratum } h / \text{Eligible women (or under-5s) in stratum } h$$

The non-response adjustment factors for women's and under-5's questionnaires are applied to the adjusted household weights. Numbers of eligible women and under-5 children were obtained from the roster of household members in the Household Questionnaire for households where interviews were completed.

The design weights for the households were calculated by multiplying the above factors for each enumeration area. These weights were then standardized (or normalized), one purpose of which is to make the weighted sum of the interviewed sample units equal the total sample size at the national level. Normalization is achieved by dividing the full sample weights (adjusted for nonresponse) by the average of these weights across all households at the national level. This is performed by multiplying the sample weights by a constant factor equal to the unweighted number of households at the national level divided by the weighted total number of households (using the full sample weights adjusted for nonresponse). A similar standardization procedure was followed in obtaining standardized weights for the women's and under-5's questionnaires. Adjusted (normalized) weights varied between 0.027 and 6.14 in the 3,658 sample enumeration areas (clusters).

Sample weights were appended to all data sets and analyses were performed by weighting each household, woman or under-5 with these sample weights.

Appendix B. List of Personnel Involved in the Survey

High Steering Committee

- Dr. Mehdi Muhsen Al-Alalak - Head of the Central Statistics Organization (CSO)
- Ms. Thana Abass Salman - General Director for Technical Affairs (CSO)
- Ms. Suham Mohammed Abdul Hameed - Expert and Director of Social and Educational Statistics, MICS Coordinator (CSO)
- Ms. Suaed Sulebie Bader- General Director of Directorate of Planning and Follow-up, Ministry of Labour and Social Affairs (MoLSA)
- Dr. Mohammed Jaber Huwail - Deputy Director General of Directorate of Public Health, Ministry of Health (MoH)
- Dr. Ala Shulan Hussein-Director of Nutrition Research Institute (NRI), Directorate of Public Health, (MoH)
- Dr. Hanan Hashim Hassan -Director of Primary Health Care Department, Directorate of Public Health (MoH)
- Dr. Rajiha kaleel Abrahem- Director of Maternal and Child Care and Reproductive Health Division, Directorate of Public Health (MoH)
- Dr. Sanaa Samee Younis - Director of Health and Vital Statistics Department, Directorate of Planning and Resources Development (MoH)
- Mr. Tahseen Ali Abaas- Engineer in Commission of Administrative Inspection, Ministry of Municipalities and Public Works (MMPW)
- Mr. Ali makee - Director of Educational Statistics, Ministry of Education (MoE)
- Ms. Eman Abdul Wahab - Senior Chief Statistician (CSO)
- Mrs. Hadeel Abdul hassein Chief Statistician (CSO) and rapporteur

Information Technology Team

- Ms. Huda Kamel Ajaj - Senior Chief Programmer (CSO)
- Ms. Alieya Abaas Hussein - Senior Chief Programmer (CSO)

GIS Unit

- Ms. Aseel Mehdi – GIS Officer (CSO)

Kurdistan Region Team

- Mr. Serwan Mohammed Muhee Al-Deen - Chief of Kurdistan Regional Statistics Office (KRSO)
- Mr. Saman Abdul Razak Ahmed - Chief Statistician (KRSO)
- Mr. Rakeeb Baha Al-deen Ahmed - Assistant Chief Statistician, Senior Chief Programmer (KRSO)

United Nations Children's Fund UNICEF

- Staff members from UNICEF Headquarters, Regional Office for Middle East and North Africa region, and Iraq Country Office: Attila Hancioglu, Turgay Unalan, Ivana Bjelic, Sarah Ahmad, Subhash Misra, Thair Soud, Jessica Hyba, Fadia Alwan, Salam Abdulmunem, and international consultant Manar E. Abdel-Rahman.

International MICS4 Consultant

- Eduard Bonet Porqueras

Appendix C. Estimates of Sampling Errors

The sample of respondents selected in the Iraq Multiple Indicator Cluster Survey is only one of the samples that could have been selected from the same population, using the same design and 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 the estimates from all possible samples. The extent of variability is not known exactly, but can be estimated statistically from the survey data.

The following sampling error measures are presented in this appendix for each of the selected indicators:

- Standard error (*se*): Sampling errors are usually measured in terms of standard errors for particular indicators (means, proportions etc). Standard error is the square root of the variance of the estimate. The Taylor linearization method is used for the estimation of standard errors.
- Coefficient of variation (*se/r*) is the ratio of the standard error to the value of the indicator, and is a measure of the relative sampling error.
- Design effect (*deff*) is the ratio of the actual variance of an indicator, under the sampling method used in the survey, to the variance calculated under the assumption of simple random sampling. The square root of the design effect (*deft*) is used to show the efficiency of the sample design in relation to the precision. A *deft* value of 1.0 indicates that the sample design is as efficient as a simple random sample, while a *deft* value above 1.0 indicates the increase in the standard error due to the use of a more complex sample design.
- Confidence limits are calculated to show the interval within which the true value for the population can be reasonably assumed to fall, with a specified level of confidence. For any given statistic calculated from the survey, the value of that statistic will fall within a range of plus or minus two times the standard error ($r + 2.se$ or $r - 2.se$) of the statistic in 95 percent of all possible samples of identical size and design.

For the calculation of sampling errors from MICS data, SPSS Version 18 Complex Samples module has been used. The results are shown in the tables that follow. In addition to the sampling error measures described above, the tables also include weighted and unweighted counts of denominators for each indicator.

Sampling errors are calculated for indicators of primary interest, for the national level, for the regions, and for urban and rural areas. Three of the selected indicators are based on households, 8 are based on household members, 13 are based on women, and 15 are based on children under 5. All indicators presented here are in the form of proportions. Table SE.1 shows the list of indicators for which sampling errors are calculated, including the base population (denominator) for each indicator. Tables SE.2 to SE.22 show the calculated sampling errors for selected domains.

Table SE.1: Indicators selected for sampling error calculations

List of indicators selected for sampling error calculations, and base populations (denominators) for each indicator, Iraq, 2011

MICS4 Indicator	Base Population
HOUSEHOLDS	
2.16 Iodized salt consumption	All households in which salt was tested or with no salt
HOUSEHOLD MEMBERS	
4.1 Use of improved drinking water sources	All household members
4.3 Use of improved sanitation facilities	All household members
7.4 Primary school net attendance ratio (adjusted)	Children of primary school age
7.5 Secondary school net attendance ratio (adjusted)	Children of secondary school age
8.2 Child labour	Children age 5-14 years
9.18 Prevalence of children with at least one parent dead	Children age 0-17 years
9.19 School attendance of orphans	Children age 10-14 years who have lost at least one parent
9.20 School attendance of non-orphans	Children age 10-14 years, whose parents are alive, and who are living with at least one parent
8.5 Violent discipline	Children age 2-14 years
WOMEN	
- Pregnant women	Women age 15-49 years
5.2 Early childbearing	Women age 20-24 years
5.3 Contraceptive prevalence	Women age 15-49 years who are currently married or in union
5.4 Unmet need	Women age 15-49 years who are currently married or in union
5.5a Antenatal care coverage - at least once by skilled personnel	Women age 15-49 years with a live birth in the 2 years preceding the survey
5.5b Antenatal care coverage – at least four times by any provider	Women age 15-49 years with a live birth in the 2 years preceding the survey
5.7 Skilled attendant at delivery	Women age 15-49 years with a live birth in the 2 years preceding the survey
5.8 Institutional deliveries	Women age 15-49 years with a live birth in the 2 years preceding the survey
5.9 Caesarean section	Women age 15-49 years with a live birth in the 2 years preceding the survey
7.1 Literacy rate among young women	Women age 15-24 years
8.7 Marriage before age 18	Women age 20-49 years
8.9 Polygamy	Women age 15-49 years who are currently married or in union
8.12 Prevalence of female genital mutilation/cutting (FGM/C) among women	Women age 15-49 years
9.2 Comprehensive knowledge about HIV prevention among young people	Women age 15-24 years
9.3 Knowledge of mother- to-child transmission of HIV	Women age 15-49 years
9.4 Accepting attitudes towards people living with HIV	Women age 15-49 years who have heard of HIV
9.6 Women who have been tested for HIV and know the results	Women age 15-49 years

Table SE.1: Indicators selected for sampling error calculations

List of indicators selected for sampling error calculations, and base populations (denominators) for each indicator, Country, Year

MICS4 Indicator	Base Population
UNDER-5s	
2.1a Underweight prevalence	Children under age 5
2.2a Stunting prevalence	Children under age 5
2.3a Wasting prevalence	Children under age 5
2.6 Exclusive breastfeeding under 6 months	Total number of infants under 6 months of age
2.14 Age-appropriate breastfeeding	Children age 0-23 months
- Tuberculosis immunization coverage	Children age 12-23 months
- Received polio immunization	Children age 12-23 months
- Received DPT immunization	Children age 12-23 months
- Received measles immunization	Children age 12-23 months
- Received Hepatitis B immunization	Children age 12-23 months
- Diarrhoea in the previous 2 weeks	Children under age 5
- Illness with a cough in the previous 2 weeks	Children under age 5
3.8 Oral rehydration therapy with continued feeding	Children under age 5 with diarrhoea in the previous 2 weeks
3.10 Antibiotic treatment of suspected pneumonia	Children under age 5 with suspected pneumonia in the previous 2 weeks
6.1 Support for learning	Children age 36-59 months
6.7 Attendance to early childhood education	Children age 36-59 months
8.1 Birth registration	Children under age 5

Table SE.2: Sampling errors: Total sampleStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>y</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/y</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Confidence limits		
							Weighted count	Unweighted count	<i>r - 2se</i>
Iodized salt consumption									
	2.16	0.290	0.005	0.018	4.940	2.223	35648	35635	0.279
Use of improved drinking water sources									
Use of improved sanitation facilities	4.1	0.914	0.004	0.005	8.848	2.975	230755	35701	0.906
Primary school net attendance ratio (adjusted)	4.3	0.938	0.002	0.003	3.759	1.939	230755	35701	0.933
Secondary school net attendance ratio (adjusted)	7.4	0.904	0.003	0.003	3.600	1.897	35849	39375	0.898
Child labour	7.5	0.486	0.006	0.013	5.122	2.263	31261	33585	0.474
Prevalence of children with at least one parent dead	8.2	0.064	0.002	0.035	5.522	2.350	59815	65233	0.060
School attendance of orphans	9.18	0.052	0.002	0.036	8.425	2.903	109663	117912	0.048
School attendance of non-orphans	9.19	0.788	0.007	0.009	0.708	0.842	2140	2245	0.773
Violent discipline	9.2	0.833	0.004	0.005	3.308	1.819	25808	28627	0.825
	8.5	0.790	0.004	0.005	2.898	1.702	80008	27919	0.782
WOMEN									
Pregnant women	-	0.093	0.002	0.022	2.671	1.634	55194	55194	0.088
Early childbearing	5.2	0.118	0.004	0.037	1.819	1.349	10096	10047	0.110
Contraceptive prevalence	5.3	0.525	0.004	0.009	2.742	1.656	34637	34222	0.516
Unmet need	5.4	0.080	0.002	0.029	2.476	1.574	34637	34222	0.076
Antenatal care coverage - at least once by skilled personnel	5.5a	0.777	0.006	0.008	3.024	1.739	13572	13994	0.765
Antenatal care coverage – at least four times by any provider	5.5b	0.496	0.007	0.014	2.800	1.673	13572	13994	0.482
Skilled attendant at delivery	5.7	0.909	0.004	0.005	3.079	1.755	13572	13994	0.900
Institutional deliveries	5.8	0.766	0.006	0.008	2.850	1.688	13572	13994	0.753
Caesarean section	5.9	0.222	0.005	0.025	2.411	1.553	13572	13994	0.211
Literacy rate among young women	7.1	0.692	0.006	0.008	3.608	1.900	21971	22420	0.681
Marriage before age 18	8.7	0.234	0.003	0.014	2.743	1.656	43319	42821	0.227
Polygamy	8.9	0.061	0.002	0.033	2.400	1.549	34637	34222	0.057
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.081	0.003	0.033	5.155	2.270	55194	55194	0.076
Comprehensive knowledge about HIV prevention among young people	9.2	0.035	0.003	0.072	4.234	2.058	21971	22420	0.030
Knowledge of mother-to-child transmission of HIV	9.3	0.261	0.004	0.016	4.899	2.213	55194	55194	0.269

Table SE.2: Sampling errors: Total sampleStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Confidence limits		
							Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>
Accepting attitudes towards people living with HIV	9.4	0.021	0.001	0.067	2.576	1.605	30090	27039	0.018
Women who have been tested for HIV and know the results	9.6	0.002	0.000	0.131	2.149	1.466	55194	55194	0.002
UNDER-5s									
Underweight prevalence	2.1a	0.085	0.003	0.031	3.166	1.779	35635	35650	0.079
Stunting prevalence	2.2a	0.226	0.004	0.017	2.967	1.723	35429	35475	0.218
Wasting prevalence	2.3a	0.074	0.003	0.035	3.484	1.867	35396	35334	0.068
Exclusive breastfeeding under 6 months	2.6	0.196	0.008	0.040	1.515	1.231	3751	3882	0.180
Age-appropriate breastfeeding	2.14	0.257	0.005	0.021	2.265	1.505	15162	15050	0.246
Tuberculosis immunization coverage	-	0.904	0.005	0.006	2.355	1.534	7474	7398	0.893
Received polio immunization	-	0.764	0.008	0.010	2.365	1.538	7423	7370	0.749
Received DPT immunization	-	0.701	0.008	0.011	2.144	1.464	7415	7341	0.686
Received measles immunization	-	0.754	0.008	0.010	2.340	1.530	7423	7332	0.738
Received Hepatitis B immunization	-	0.661	0.009	0.013	2.567	1.602	7387	7316	0.643
Diarrhoea in the previous 2 weeks	-	0.148	0.003	0.022	3.056	1.748	36307	36307	0.141
Illness with a cough in the previous 2 weeks	-	0.095	0.003	0.028	2.977	1.725	36307	36307	0.100
Oral rehydration therapy with continued feeding	3.8	0.257	0.009	0.036	2.406	1.551	5363	5261	0.239
Antibiotic treatment of suspected pneumonia	3.1	0.671	0.009	0.013	1.384	1.176	3453	3802	0.653
Support for learning	6.1	0.582	0.007	0.013	3.096	1.759	13669	13903	0.567
Attendance to early childhood education	6.7	0.038	0.003	0.073	2.950	1.717	13669	13903	0.033
Birth registration	8.1	0.992	0.001	0.001	2.885	1.698	36307	36307	0.994

Table SE.3: Sampling errors: Urban areas

Standard errors, coefficients of variation, design effects ($def\!f$), square root of design effects ($def\!f$) and confidence intervals for selected indicators, Iraq, 2011

Table SE.3: Sampling errors: Urban areasStandard errors, coefficients of variation, design effects (def), square root of design effects (def), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (t)	Standard error (se)	Coefficient of variation (se/t)	Design effect (def)	Square root of design effect (def)	Weighted count	Unweighted count	$r - 2\text{se}$	$r + 2\text{se}$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.021	0.002	0.077	2.482	1.575	24626	19300	0.018	0.024	
Women who have been tested for HIV and know the results	9.6	0.002	0.000	0.154	1.718	1.311	39650	32293	0.002	0.003	
UNDER-5s											
Underweight prevalence	2.1a	0.084	0.004	0.042	3.082	1.755	23660	19259	0.077	0.092	
Stunting prevalence	2.2a	0.218	0.005	0.023	2.813	1.677	23501	19151	0.208	0.228	
Wasting prevalence	2.3a	0.075	0.004	0.048	3.541	1.882	23487	19072	0.068	0.083	
Exclusive breastfeeding under 6 months	2.6	0.183	0.010	0.055	1.447	1.203	2532	2114	0.162	0.203	
Age-appropriate breastfeeding	2.14	0.237	0.007	0.028	2.011	1.418	10259	8316	0.224	0.250	
Tuberculosis immunization coverage	-	0.923	0.006	0.007	2.195	1.482	5037	4101	0.910	0.935	
Received polio immunization	-	0.804	0.010	0.012	2.388	1.545	4996	4082	0.785	0.823	
Received DPT immunization	-	0.764	0.009	0.012	1.967	1.403	5001	4073	0.746	0.783	
Received measles immunization	-	0.802	0.009	0.011	2.053	1.433	5024	4084	0.784	0.819	
Received Hepatitis B immunization	-	0.721	0.011	0.016	2.549	1.597	4981	4063	0.698	0.743	
Diarrhoea in the previous 2 weeks	-	0.145	0.004	0.030	3.004	1.733	24149	19653	0.136	0.154	
Illness with a cough in the previous 2 weeks	-	0.094	0.003	0.037	2.741	1.656	24149	19653	0.087	0.101	
Oral rehydration therapy with continued feeding	3.8	0.268	0.013	0.050	2.514	1.585	3499	2739	0.241	0.295	
Antibiotic treatment of suspected pneumonia	3.1	0.669	0.011	0.016	1.135	1.065	2272	2102	0.647	0.691	
Support for learning	6.1	0.649	0.009	0.014	2.862	1.692	8948	7390	0.630	0.667	
Attendance to early childhood education	6.7	0.053	0.004	0.077	2.434	1.560	8948	7390	0.044	0.061	
Birth registration	8.1	0.994	0.001	0.001	3.091	1.758	24149	19653	0.992	0.996	

Table SE.4: Sampling errors: Rural areasStandard errors, coefficients of variation, design effects (*deff*), square root of design effects (*deff*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>deff</i>)	Square root of design effect (<i>deff</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits
HOUSEHOLD MEMBERS											
HOUSEHOLDS											
Iodized salt consumption	2.16	0.158	0.006	0.041	4.420	2.102	9359	14269	0.145	0.170	
Use of improved drinking water sources	4.1	0.765	0.013	0.017	13.271	3.643	68808	14295	0.740	0.791	
Use of improved sanitation facilities	4.3	0.884	0.007	0.007	6.029	2.455	68808	14295	0.871	0.897	
Primary school net attendance ratio (adjusted)	7.4	0.838	0.006	0.007	5.044	2.246	12216	18402	0.826	0.851	
Secondary school net attendance ratio (adjusted)	7.5	0.339	0.009	0.026	5.117	2.262	9964	15058	0.322	0.357	
Child labour	8.2	0.099	0.004	0.040	5.252	2.292	20193	30342	0.091	0.107	
Prevalence of children with at least one parent dead	9.18	0.050	0.002	0.048	6.545	2.558	36567	54298	0.045	0.055	
School attendance of orphans	9.19	0.696	0.012	0.017	0.726	0.852	698	1060	0.672	0.720	
School attendance of non-orphans	9.2	0.731	0.007	0.010	3.334	1.826	8637	13212	0.717	0.745	
Violent discipline	8.5	0.802	0.006	0.007	2.594	1.611	27118	11621	0.790	0.814	
WOMEN											
Pregnant women	-	0.107	0.004	0.033	2.980	1.726	15544	22901	0.100	0.114	
Early childbearing	5.2	0.142	0.007	0.046	1.441	1.200	2780	4070	0.129	0.156	
Contraceptive prevalence	5.3	0.470	0.007	0.015	3.015	1.736	10057	14330	0.456	0.485	
Unmet need	5.4	0.085	0.003	0.038	1.955	1.398	10057	14330	0.079	0.092	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.661	0.012	0.017	3.694	1.922	4377	6216	0.638	0.684	
Antenatal care coverage – at least four times by any provider	5.5b	0.405	0.011	0.027	3.130	1.769	4377	6216	0.383	0.428	
Skilled attendant at delivery	5.7	0.845	0.008	0.009	2.798	1.673	4377	6216	0.830	0.861	
Institutional deliveries	5.8	0.696	0.010	0.014	2.865	1.693	4377	6216	0.676	0.716	
Caesarean section	5.9	0.160	0.007	0.044	2.334	1.528	4377	6216	0.146	0.174	
Literacy rate among young women	7.1	0.489	0.013	0.026	6.028	2.455	6421	9481	0.463	0.514	
Marriage before age 18	8.7	0.273	0.005	0.020	2.505	1.583	11902	17490	0.263	0.284	
Polygamy	8.9	0.089	0.004	0.040	2.261	1.504	10057	14330	0.082	0.096	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.058	0.004	0.067	6.372	2.524	15544	22901	0.050	0.066	
Comprehensive knowledge about HIV prevention among young people	9.2	0.012	0.002	0.129	2.004	1.415	6421	9481	0.009	0.016	
Knowledge of mother-to-child transmission of HIV	9.3	0.179	0.006	0.034	5.634	2.374	15544	22901	0.167	0.191	

Table SE.4: Sampling errors: Rural areasStandard errors, coefficients of variation, design effects (*deff*), square root of design effects (*deff*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (se)	Coefficient of variation (se/r)	Design effect (<i>deff</i>)	Square root of design effect (<i>deff</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
UNDER-5s											
Accepting attitudes towards people living with HIV	9.4	0.019	0.002	0.114	2.004	1.416	5463	7739	0.015	0.024	
Women who have been tested for HIV and know the results	9.6	0.002	0.001	0.245	3.165	1.779	15544	22901	0.001	0.003	
Underweight prevalence	2.1a	0.085	0.004	0.042	2.620	1.619	11975	16391	0.078	0.092	
Stunting prevalence	2.2a	0.241	0.006	0.023	2.845	1.687	11928	16324	0.230	0.253	
Wasting prevalence	2.3a	0.070	0.003	0.043	2.249	1.500	11910	16262	0.064	0.076	
Exclusive breastfeeding under 6 months	2.6	0.223	0.012	0.053	1.414	1.189	1218	1768	0.199	0.246	
Age-appropriate breastfeeding	2.14	0.298	0.009	0.030	2.631	1.622	4903	6734	0.280	0.316	
Tuberculosis immunization coverage	-	0.865	0.010	0.011	2.769	1.664	2437	3297	0.845	0.885	
Received polio immunization	-	0.681	0.012	0.018	2.180	1.477	2427	3288	0.657	0.705	
Received DPT immunization	-	0.571	0.013	0.024	2.410	1.552	2414	3268	0.544	0.598	
Received measles immunization	-	0.654	0.014	0.022	2.877	1.686	2399	3248	0.625	0.682	
Received Hepatitis B immunization	-	0.536	0.013	0.025	2.370	1.539	2406	3253	0.510	0.563	
Diarrhoea in the previous 2 weeks	-	0.153	0.004	0.029	2.458	1.568	12158	16654	0.145	0.162	
Illness with a cough in the previous 2 weeks	-	0.097	0.004	0.041	2.969	1.723	12158	16654	0.089	0.105	
Oral rehydration therapy with continued feeding	3.8	0.238	0.010	0.040	1.273	1.128	1864	2522	0.219	0.257	
Antibiotic treatment of suspected pneumonia	3.1	0.675	0.016	0.023	1.880	1.371	1181	1700	0.644	0.706	
Support for learning	6.1	0.456	0.012	0.026	3.549	1.884	4721	6513	0.433	0.479	
Attendance to early childhood education	6.7	0.011	0.003	0.240	4.224	2.055	4721	6513	0.006	0.016	
Birth registration	8.1	0.989	0.001	0.001	2.613	1.617	12158	16654	0.986	0.992	

Table SE.5: Sampling errors: Dohuk

Standard errors, coefficients of variation, design effects (def), square root of design effects (def), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (n)	Standard error (se)	Coefficient of variation (se/r)	Design effect (def)	Square root of design effect (def)	Weighted count	Unweighted count	Confidence limits	
									$r - 2se$	$r + 2se$
Iodized salt consumption	2.16	0.767	0.013	0.017	2.102	1.450	1244	2088	0.740	0.794
Use of improved drinking water sources	4.1	0.989	0.005	0.005	5.070	2.252	8931	2090	0.979	0.999
Use of improved sanitation facilities	4.3	0.973	0.006	0.006	2.601	1.613	8931	2090	0.961	0.984
Primary school net attendance ratio (adjusted)	7.4	0.947	0.005	0.006	1.391	1.179	1463	2571	0.936	0.957
Secondary school net attendance ratio (adjusted)	7.5	0.657	0.013	0.019	1.564	1.251	1224	2200	0.632	0.683
Child labour	8.2	0.034	0.004	0.107	1.690	1.300	2377	4184	0.027	0.041
Prevalence of children with at least one parent dead	9.18	0.040	0.005	0.135	5.660	2.379	4241	7469	0.029	0.051
School attendance of orphans	9.19	0.938	0.008	0.009	0.127	0.356	70	113	0.921	0.954
School attendance of non-orphans	9.2	0.900	0.009	0.010	1.617	1.272	1055	1873	0.883	0.918
Violent discipline	8.5	0.819	0.010	0.012	1.098	1.048	3126	1648	0.800	0.839
Pregnant women	-	0.081	0.005	0.066	1.393	1.180	2195	3649	0.070	0.092
Early childbearing	5.2	0.052	0.008	0.152	0.970	0.985	460	768	0.036	0.067
Contraceptive prevalence	5.3	0.548	0.011	0.020	0.965	0.982	1181	1976	0.526	0.570
Unmet need	5.4	0.107	0.008	0.076	1.383	1.176	1181	1976	0.091	0.124
Antenatal care coverage - at least once by skilled personnel	5.5a	0.846	0.016	0.019	1.558	1.248	488	819	0.814	0.877
Antenatal care coverage – at least four times by any provider	5.5b	0.668	0.017	0.026	1.097	1.047	488	819	0.634	0.703
Skilled attendant at delivery	5.7	0.902	0.011	0.012	1.123	1.060	488	819	0.880	0.924
Institutional deliveries	5.8	0.920	0.009	0.010	0.921	0.960	488	819	0.902	0.939
Caesarean section	5.9	0.205	0.016	0.077	1.239	1.113	488	819	0.174	0.236
Literacy rate among young women	7.1	0.678	0.014	0.021	1.503	1.226	941	1628	0.650	0.707
Marriage before age 18	8.7	0.231	0.008	0.036	1.104	1.051	1714	2789	0.214	0.248
Polygamy	8.9	0.065	0.008	0.124	2.123	1.457	1181	1976	0.049	0.081
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.017	0.003	0.159	1.599	1.264	2195	3649	0.012	0.023
Comprehensive knowledge about HIV prevention among young people	9.2	0.017	0.004	0.245	1.715	1.309	941	1628	0.009	0.026
Knowledge of mother-to-child transmission of HIV	9.3	0.272	0.012	0.044	2.591	1.610	2195	3649	0.248	0.296

Table SE.5: Sampling errors: Dohuk

Standard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.048	0.006	0.123	1.257	1.121	1117	1667	0.036	0.060	
Women who have been tested for HIV and know the results	9.6	0.004	0.001	0.348	1.559	1.249	2195	3649	0.001	0.006	
UNDER-5s											
Underweight prevalence	2.1a	0.059	0.006	0.104	1.494	1.222	1328	2178	0.047	0.071	
Stunting prevalence	2.2a	0.190	0.012	0.061	1.887	1.374	1314	2161	0.167	0.213	
Wasting prevalence	2.3a	0.040	0.006	0.141	1.754	1.325	1303	2141	0.028	0.051	
Exclusive breastfeeding under 6 months	2.6	0.172	0.025	0.145	0.971	0.955	149	222	0.122	0.222	
Age-appropriate breastfeeding	2.14	0.242	0.015	0.063	1.130	1.063	553	895	0.212	0.273	
Tuberculosis immunization coverage	-	0.987	0.005	0.005	0.772	0.879	278	463	0.978	0.996	
Received polio immunization	-	0.929	0.011	0.012	0.828	0.910	277	461	0.907	0.951	
Received DPT immunization	-	0.868	0.018	0.020	1.250	1.118	278	462	0.832	0.903	
Received measles immunization	-	0.913	0.015	0.016	1.235	1.111	278	462	0.884	0.942	
Received Hepatitis B immunization	-	0.852	0.017	0.020	1.091	1.044	278	462	0.818	0.887	
Diarrhoea in the previous 2 weeks	-	0.108	0.009	0.083	1.825	1.351	1338	2191	0.090	0.125	
Illness with a cough in the previous 2 weeks	-	0.218	0.011	0.052	1.654	1.286	1338	2191	0.195	0.240	
Oral rehydration therapy with continued feeding	3.8	0.281	0.024	0.086	0.740	0.860	144	259	0.233	0.329	
Antibiotic treatment of suspected pneumonia	3.1	0.643	0.021	0.032	0.920	0.959	291	486	0.601	0.685	
Support for learning	6.1	0.626	0.022	0.035	1.760	1.327	506	838	0.582	0.670	
Attendance to early childhood education	6.7	0.011	0.004	0.387	1.422	1.192	506	838	0.003	0.020	
Birth registration	8.1	0.998	0.001	0.001	1.275	1.129	1338	2191	0.995	1.000	

Table SE.6: Sampling errors: Ninewa

Standard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/t</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits
HOUSEHOLDS											
HOUSEHOLD MEMBERS											
Iodized salt consumption											
Use of improved drinking water sources											
Use of improved sanitation facilities											
Primary school net attendance ratio (adjusted)											
Secondary school net attendance ratio (adjusted)											
Child labour											
Prevalence of children with at least one parent dead											
School attendance of orphans											
School attendance of non-orphans											
Violent discipline											
WOMEN											
Pregnant women											
Early childbearing											
Contraceptive prevalence											
Unmet need											
Antenatal care coverage - at least once by skilled personnel											
Antenatal care coverage – at least four times by any provider											
Skilled attendant at delivery											
Institutional deliveries											
Caesarean section											
Literacy rate among young women											
Marriage before age 18											
Polygamy											
Prevalence of female genital mutilation/cutting (FGM/C) among women											
Comprehensive knowledge about HIV prevention among young people											
Knowledge of mother-to-child transmission of HIV											

Table SE.6: Sampling errors: NinewaStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/t)	Design effect (<i>a_{eff}</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.024	0.005	0.220	1.730	1.315	2482	1426	0.014	0.035	
Women who have been tested for HIV and know the results	9.6	0.001	0.001	0.903	3.644	1.909	4774	3502	0.000	0.004	
UNDER-5s											
Underweight prevalence	2.1a	0.063	0.010	0.164	4.765	2.183	3517	2638	0.042	0.084	
Stunting prevalence	2.2a	0.235	0.013	0.056	2.547	1.596	3503	2632	0.208	0.261	
Wasting prevalence	2.3a	0.044	0.008	0.171	3.541	1.882	3504	2624	0.029	0.059	
Exclusive breastfeeding under 6 months	2.6	0.284	0.033	0.117	1.556	1.247	342	287	0.218	0.351	
Age-appropriate breastfeeding	2.14	0.300	0.019	0.063	1.906	1.381	1452	1117	0.262	0.338	
Tuberculosis immunization coverage	-	0.819	0.028	0.034	2.892	1.701	705	562	0.764	0.875	
Received polio immunization	-	0.781	0.028	0.036	2.655	1.630	706	563	0.724	0.837	
Received DPT immunization	-	0.644	0.034	0.053	2.805	1.675	699	548	0.576	0.713	
Received measles immunization	-	0.721	0.032	0.045	2.867	1.683	698	549	0.656	0.786	
Received Hepatitis B immunization	-	0.611	0.042	0.069	4.118	2.029	697	548	0.527	0.696	
Diarrhoea in the previous 2 weeks	-	0.169	0.014	0.081	3.566	1.888	3521	2646	0.142	0.197	
Illness with a cough in the previous 2 weeks	-	0.099	0.009	0.088	2.279	1.510	3521	2646	0.082	0.117	
Oral rehydration therapy with continued feeding	3.8	0.231	0.046	0.197	3.618	1.902	596	310	0.140	0.322	
Antibiotic treatment of suspected pneumonia	3.1	0.767	0.041	0.053	2.131	1.460	349	232	0.686	0.848	
Support for learning	6.1	0.658	0.027	0.041	3.163	1.779	1303	975	0.604	0.712	
Attendance to early childhood education	6.7	0.033	0.010	0.308	3.110	1.763	1303	975	0.013	0.053	
Birth registration	8.1	0.985	0.004	0.004	2.960	1.720	3521	2646	0.977	0.993	

Table SE.7: Sampling errors: Suleimaniya

Standard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>n</i>)	Standard error (se)	Coefficient of variation (se/n)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	Confidence limits	
									<i>r</i> - 2se	<i>r</i> + 2se
Iodized salt consumption	2.16	0.391	0.009	0.022	1.444	1.202	2716	4708	0.374	0.408
Use of improved drinking water sources	4.1	0.953	0.018	0.019	33.359	5.776	13645	4717	0.917	0.988
Use of improved sanitation facilities	4.3	0.969	0.005	0.005	3.643	1.909	13645	4717	0.960	0.979
Primary school net attendance ratio (adjusted)	7.4	0.982	0.004	0.004	2.688	1.639	1867	3493	0.975	0.989
Secondary school net attendance ratio (adjusted)	7.5	0.790	0.017	0.022	5.858	2.420	1781	3212	0.755	0.825
Child labour	8.2	0.016	0.002	0.128	1.489	1.220	3097	5754	0.012	0.020
Prevalence of children with at least one parent dead	9.18	0.055	0.006	0.116	7.825	2.797	5417	9920	0.042	0.068
School attendance of orphans	9.19	0.959	0.004	0.005	0.087	0.295	105	173	0.950	0.968
School attendance of non-orphans	9.2	0.959	0.006	0.007	2.902	1.704	1448	2757	0.946	0.972
Violent discipline	8.5	0.708	0.015	0.022	3.594	1.896	4012	3125	0.677	0.739
Pregnant women	-	0.059	0.006	0.098	3.635	1.907	3729	5984	0.048	0.071
Early childbearing	5.2	0.062	0.013	0.210	3.265	1.807	718	1115	0.036	0.089
Contraceptive prevalence	5.3	0.681	0.012	0.017	2.167	1.472	2034	3391	0.658	0.705
Unmet need	5.4	0.085	0.007	0.081	2.078	1.442	2034	3391	0.071	0.099
Antenatal care coverage - at least once by skilled personnel	5.5a	0.887	0.013	0.014	1.554	1.247	517	971	0.861	0.912
Antenatal care coverage – at least four times by any provider	5.5b	0.679	0.027	0.039	3.190	1.786	517	971	0.626	0.733
Skilled attendant at delivery	5.7	0.951	0.008	0.008	1.244	1.116	517	971	0.936	0.967
Institutional deliveries	5.8	0.893	0.016	0.018	2.505	1.583	517	971	0.862	0.925
Caesarean section	5.9	0.365	0.027	0.073	2.945	1.716	517	971	0.312	0.418
Literacy rate among young women	7.1	0.888	0.009	0.010	1.700	1.304	1409	2206	0.870	0.905
Marriage before age 18	8.7	0.224	0.010	0.044	2.754	1.659	3038	4893	0.204	0.244
Polygamy	8.9	0.057	0.010	0.173	6.168	2.483	2034	3391	0.037	0.077
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.543	0.019	0.035	8.673	2.945	3729	5984	0.505	0.581
Comprehensive knowledge about HIV prevention among young people	9.2	0.052	0.008	0.162	3.171	1.781	1409	2206	0.035	0.069
Knowledge of mother-to-child transmission of HIV	9.3	0.277	0.013	0.047	5.172	2.274	3729	5984	0.251	0.303

Table SE.7: Sampling errors: SuleimaniyaStandard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{r})	Standard error (se)	Coefficient of variation (se/ \bar{r})	Design effect (eff)	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$r - 2\text{se}$	$r + 2\text{se}$	Confidence limits
Accepting attitudes towards people living with HIV											
Women who have been tested for HIV and know the results	9.6	0.003	0.001	0.409	3.030	1.741	3729	5984	0.001	0.005	0.030
Underweight prevalence											
Stunting prevalence	2.1a	0.041	0.006	0.146	2.286	1.512	1469	2531	0.029	0.053	
Wasting prevalence	2.2a	0.100	0.010	0.102	2.900	1.703	1458	2506	0.080	0.120	
Exclusive breastfeeding under 6 months	2.3a	0.034	0.006	0.182	2.900	1.703	1455	2491	0.022	0.046	
Age-appropriate breastfeeding	2.6	0.229	0.019	0.083	0.572	0.757	137	280	0.191	0.267	
Tuberculosis immunization coverage	-	0.958	0.006	0.006	0.441	0.664	269	510	0.946	0.970	
Received polio immunization	-	0.822	0.021	0.025	1.478	1.216	269	510	0.781	0.863	
Received DPT immunization	-	0.791	0.014	0.017	0.584	0.764	269	508	1025	0.222	0.316
Received measles immunization	-	0.832	0.012	0.014	0.525	0.725	269	509	0.808	0.856	
Received Hepatitis B immunization	-	0.776	0.021	0.026	1.227	1.108	269	508	0.735	0.817	
Diarrhoea in the previous 2 weeks	-	0.084	0.009	0.111	2.881	1.697	1503	2578	0.065	0.102	
Illness with a cough in the previous 2 weeks	-	0.238	0.024	0.102	8.321	2.885	1503	2578	0.189	0.286	
Oral rehydration therapy with continued feeding	3.8	0.350	0.057	0.164	3.354	1.831	126	232	0.235	0.465	
Antibiotic treatment of suspected pneumonia	3.1	0.520	0.015	0.030	0.482	0.694	357	509	0.489	0.551	
Support for learning	6.1	0.610	0.027	0.044	3.147	1.774	649	1051	0.556	0.663	
Attendance to early childhood education	6.7	0.077	0.017	0.221	4.279	2.068	649	1051	0.043	0.111	
Birth registration	8.1	0.996	0.003	0.003	4.962	2.227	1503	2578	0.990	1.000	

Table SE.8: Sampling errors: Kirkuk

Standard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>n</i>)	Standard error (se)	Coefficient of variation (se/n)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits
HOUSEHOLDS											
HOUSEHOLD MEMBERS											
Iodized salt consumption											
Use of improved drinking water sources											
Use of improved sanitation facilities											
Primary school net attendance ratio (adjusted)											
Secondary school net attendance ratio (adjusted)											
Child labour											
Prevalence of children with at least one parent dead											
School attendance of orphans											
School attendance of non-orphans											
Violent discipline											
WOMEN											
Pregnant women											
Early childbearing											
Contraceptive prevalence											
Unmet need											
Antenatal care coverage - at least once by skilled personnel											
Antenatal care coverage – at least four times by any provider											
Skilled attendant at delivery											
Institutional deliveries											
Caesarean section											
Literacy rate among young women											
Marriage before age 18											
Polygamy											
Prevalence of female genital mutilation/cutting (FGM/C) among women											
Comprehensive knowledge about HIV prevention among young people											
Knowledge of mother-to-child transmission of HIV											

Table SE.8: Sampling errors: Kirkuk

Standard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (β)	Standard error (se)	Coefficient of variation (se/ β)	Design effect (c_{eff})	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$r - 2se$	$r + 2se$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.016	0.006	0.386	1.717	1.310	1283	721	0.004	0.028	
Women who have been tested for HIV and know the results	9.6	0.000	0.000	0.000	NA	NA	2361	1844	0.000	0.000	
UNDER-5s											
Underweight prevalence	2.1a	0.037	0.010	0.272	3.835	1.958	1539	1355	0.017	0.057	
Stunting prevalence	2.2a	0.111	0.016	0.141	3.375	1.837	1538	1353	0.080	0.143	
Wasting prevalence	2.3a	0.018	0.006	0.357	3.151	1.775	1535	1351	0.005	0.031	
Exclusive breastfeeding under 6 months	2.6	0.176	0.041	0.235	1.892	1.376	182	161	0.093	0.259	
Age-appropriate breastfeeding	2.14	0.250	0.032	0.126	3.097	1.760	678	583	0.187	0.313	
Tuberculosis immunization coverage	-	0.956	0.004	0.004	0.115	0.340	354	285	0.948	0.964	
Received polio immunization	-	0.919	0.021	0.023	1.628	1.276	329	273	0.877	0.961	
Received DPT immunization	-	0.819	0.022	0.027	0.914	0.956	354	285	0.775	0.863	
Received measles immunization	-	0.929	0.016	0.017	1.052	1.026	354	285	0.898	0.960	
Received Hepatitis B immunization	-	0.818	0.022	0.027	0.907	0.952	354	285	0.774	0.862	
Diarrhoea in the previous 2 weeks	-	0.116	0.017	0.144	3.688	1.920	1539	1358	0.082	0.149	
Illness with a cough in the previous 2 weeks	-	0.089	0.017	0.189	4.742	2.178	1539	1358	0.056	0.123	
Oral rehydration therapy with continued feeding	3.8	0.121	0.030	0.247	1.354	1.164	178	163	0.061	0.180	
Antibiotic treatment of suspected pneumonia	3.1	0.648	0.044	0.068	1.027	1.013	137	120	0.559	0.737	
Support for learning	6.1	0.655	0.033	0.048	2.563	1.601	540	495	0.629	0.762	
Attendance to early childhood education	6.7	0.032	0.013	0.396	2.528	1.590	540	495	0.007	0.057	
Birth registration	8.1	0.989	0.007	0.007	5.746	2.397	1539	1358	0.976	1.000	

Table SE.9: Sampling errors: ErbilStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>n</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/n</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	Confidence limits	
									<i>r - 2se</i>	<i>r + 2se</i>
Iodized salt consumption	2.16	0.153	0.009	0.058	1.792	1.339	2387	2905	0.135	0.171
Use of improved drinking water sources	4.1	0.968	0.008	0.009	6.677	2.584	12817	2910	0.951	0.985
Use of improved sanitation facilities	4.3	0.987	0.003	0.003	2.114	1.454	12817	2910	0.981	0.993
Primary school net attendance ratio (adjusted)	7.4	0.947	0.011	0.011	6.340	2.518	2051	2705	0.925	0.969
Secondary school net attendance ratio (adjusted)	7.5	0.690	0.016	0.024	2.824	1.680	1762	2222	0.657	0.723
Child labour	8.2	0.020	0.005	0.239	4.939	2.222	3402	4357	0.010	0.029
Prevalence of children with at least one parent dead	9.18	0.041	0.005	0.119	4.531	2.129	5816	7480	0.031	0.051
School attendance of orphans	9.19	0.908	0.015	0.017	0.417	0.646	91	146	0.877	0.939
School attendance of non-orphans	9.2	0.911	0.009	0.010	1.913	1.383	1579	1988	0.893	0.929
Violent discipline	8.5	0.595	0.026	0.043	5.437	2.332	4375	2011	0.544	0.646
Pregnant women	-	0.075	0.009	0.125	4.810	2.193	3209	3789	0.057	0.094
Early childbearing	5.2	0.070	0.011	0.150	1.296	1.138	600	760	0.049	0.091
Contraceptive prevalence	5.3	0.667	0.013	0.020	1.690	1.300	1895	2184	0.641	0.693
Unmet need	5.4	0.063	0.006	0.097	1.394	1.181	1895	2184	0.051	0.076
Antenatal care coverage - at least once by skilled personnel	5.5a	0.720	0.027	0.038	2.850	1.688	625	783	0.665	0.774
Antenatal care coverage – at least four times by any provider	5.5b	0.405	0.044	0.108	6.197	2.489	625	783	0.317	0.492
Skilled attendant at delivery	5.7	0.918	0.018	0.020	3.369	1.835	625	783	0.882	0.954
Institutional deliveries	5.8	0.755	0.022	0.029	2.007	1.417	625	783	0.712	0.799
Caesarean section	5.9	0.280	0.034	0.123	4.577	2.139	625	783	0.211	0.348
Literacy rate among young women	7.1	0.726	0.020	0.027	3.045	1.745	1238	1564	0.687	0.766
Marriage before age 18	8.7	0.221	0.018	0.084	5.904	2.430	2571	2985	0.184	0.258
Polygamy	8.9	0.053	0.007	0.130	2.048	1.431	1895	2184	0.039	0.066
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.575	0.030	0.052	13.967	3.737	3209	3789	0.515	0.636
Comprehensive knowledge about HIV prevention among young people	9.2	0.035	0.005	0.151	1.294	1.137	1238	1564	0.024	0.046
Knowledge of mother-to-child transmission of HIV	9.3	0.469	0.022	0.047	7.490	2.737	3209	3789	0.425	0.513

Table SE.9: Sampling errors: ErbilStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/r</i>)	Design effect (<i>a_{eff}</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.010	0.002	0.217	1.136	1.036	2378	2467	0.005	0.014	
Women who have been tested for HIV and know the results	9.6	0.002	0.001	0.362	0.834	0.913	3209	3789	0.000	0.003	
UNDER-5s											
Underweight prevalence	2.1a	0.097	0.015	0.154	4.932	2.221	1584	1929	0.067	0.127	
Stunting prevalence	2.2a	0.175	0.015	0.083	2.806	1.675	1548	1913	0.145	0.204	
Wasting prevalence	2.3a	0.072	0.010	0.144	3.030	1.741	1544	1872	0.052	0.093	
Exclusive breastfeeding under 6 months	2.6	0.197	0.026	0.130	0.969	0.985	181	236	0.146	0.248	
Age-appropriate breastfeeding	2.14	0.207	0.024	0.114	2.789	1.670	665	825	0.159	0.254	
Tuberculosis immunization coverage	-	0.967	0.005	0.005	0.339	0.582	318	392	0.956	0.977	
Received polio immunization	-	0.765	0.027	0.036	1.628	1.276	319	393	0.710	0.820	
Received DPT immunization	-	0.744	0.028	0.037	1.581	1.257	316	389	0.688	0.800	
Received measles immunization	-	0.811	0.028	0.034	1.913	1.383	315	388	0.755	0.866	
Received Hepatitis B immunization	-	0.709	0.028	0.040	1.466	1.211	313	385	0.653	0.765	
Diarrhoea in the previous 2 weeks	-	0.086	0.007	0.082	1.313	1.146	1682	2060	0.072	0.100	
Illness with a cough in the previous 2 weeks	-	0.105	0.008	0.078	1.450	1.204	1682	2060	0.089	0.121	
Oral rehydration therapy with continued feeding	3.8	0.273	0.028	0.104	0.990	0.935	145	244	0.216	0.329	
Antibiotic treatment of suspected pneumonia	3.1	0.716	0.021	0.030	0.832	0.912	176	372	0.674	0.759	
Support for learning	6.1	0.625	0.039	0.062	4.983	2.232	646	789	0.548	0.702	
Attendance to early childhood education	6.7	0.068	0.011	0.166	1.590	1.261	646	789	0.046	0.091	
Birth registration	8.1	0.995	0.002	0.002	1.041	1.020	1682	2060	0.991	0.998	

Table SE.10: Sampling errors: DiyalaStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>n</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/n</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits
Iodized salt consumption	2.16	0.283	0.025	0.089	5.731	2.394	1505	1818	0.232	0.334	
					HOUSEHOLDS						
					HOUSEHOLD MEMBERS						
Use of improved drinking water sources	4.1	0.799	0.033	0.041	12.190	3.491	9444	1825	0.733	0.864	
Use of improved sanitation facilities	4.3	0.930	0.009	0.010	2.265	1.505	9444	1825	0.912	0.948	
Primary school net attendance ratio (adjusted)	7.4	0.923	0.011	0.012	2.831	1.683	1454	1778	0.902	0.944	
Secondary school net attendance ratio (adjusted)	7.5	0.458	0.025	0.054	3.877	1.969	1268	1601	0.409	0.507	
Child labour	8.2	0.024	0.004	0.166	2.021	1.422	2467	3038	0.016	0.032	
Prevalence of children with at least one parent dead	9.18	0.071	0.007	0.102	4.376	2.092	4423	5429	0.057	0.086	
School attendance of orphans	9.19	0.769	0.015	0.019	0.199	0.446	109	162	0.739	0.799	
School attendance of non-orphans	9.2	0.832	0.015	0.019	2.171	1.473	1025	1270	0.802	0.863	
Violent discipline	8.5	0.823	0.017	0.020	2.679	1.637	3234	3997	0.790	0.857	
					WOMEN						
Pregnant women	-	0.096	0.009	0.092	2.456	1.567	2296	2752	0.079	0.114	
Early childbearing	5.2	0.108	0.016	0.149	1.148	1.071	353	430	0.076	0.140	
Contraceptive prevalence	5.3	0.499	0.018	0.035	1.980	1.407	1367	1616	0.464	0.534	
Unmet need	5.4	0.060	0.007	0.120	1.481	1.217	1367	1616	0.045	0.074	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.796	0.025	0.031	2.419	1.555	555	640	0.746	0.846	
Antenatal care coverage – at least four times by any provider	5.5b	0.529	0.024	0.046	1.498	1.224	555	640	0.480	0.577	
Skilled attendant at delivery	5.7	0.910	0.015	0.017	1.796	1.340	555	640	0.880	0.941	
Institutional deliveries	5.8	0.691	0.026	0.037	1.958	1.399	555	640	0.640	0.742	
Caesarean section	5.9	0.236	0.024	0.101	2.013	1.419	555	640	0.189	0.284	
Literacy rate among young women	7.1	0.692	0.023	0.033	2.461	1.569	846	1016	0.647	0.738	
Marriage before age 18	8.7	0.202	0.011	0.057	1.768	1.330	1803	2166	0.179	0.225	
Polygamy	8.9	0.069	0.008	0.110	1.453	1.205	1367	1616	0.054	0.085	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.002	0.001	0.380	0.765	0.875	2296	2752	0.000	0.003	
Comprehensive knowledge about HIV prevention among young people	9.2	0.015	0.005	0.326	1.595	1.263	846	1016	0.005	0.024	
Knowledge of mother-to-child transmission of HIV	9.3	0.263	0.015	0.058	3.311	1.820	2296	2752	0.233	0.294	

Table SE.10: Sampling errors: DiyalaStandard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (r)	Standard error (se)	Coefficient of variation (se/r)	Design effect (a_{eff})	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$r - 2se$	$r + 2se$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.011	0.003	0.296	1.196	1.094	1187	1187	0.005	0.018	
Women who have been tested for HIV and know the results	9.6	0.001	0.000	0.751	0.883	0.939	2296	2752	0.000	0.001	
UNDER-5s											
Underweight prevalence	2.1a	0.073	0.007	0.100	1.255	1.120	1395	1610	0.058	0.087	
Stunting prevalence	2.2a	0.301	0.014	0.048	1.575	1.255	1389	1598	0.272	0.330	
Wasting prevalence	2.3a	0.064	0.008	0.131	1.867	1.366	1385	1576	0.047	0.081	
Exclusive breastfeeding under 6 months	2.6	0.055	0.017	0.316	1.099	1.048	155	189	0.020	0.090	
Age-appropriate breastfeeding	2.14	0.179	0.019	0.106	1.629	1.2776	615	670	0.141	0.216	
Tuberculosis immunization coverage	-	0.920	0.029	0.031	3.638	1.907	313	323	0.862	0.978	
Received polio immunization	-	0.725	0.032	0.045	1.685	1.298	313	323	0.661	0.790	
Received DPT immunization	-	0.673	0.040	0.060	2.370	1.540	313	323	0.592	0.753	
Received measles immunization	-	0.715	0.045	0.063	3.189	1.786	312	321	0.625	0.805	
Received Hepatitis B immunization	-	0.657	0.041	0.062	2.318	1.522	313	319	0.576	0.738	
Diarrhoea in the previous 2 weeks	-	0.140	0.014	0.103	2.821	1.680	1417	1627	0.111	0.168	
Illness with a cough in the previous 2 weeks	-	0.135	0.013	0.099	2.506	1.583	1417	1627	0.109	0.162	
Oral rehydration therapy with continued feeding	3.8	0.171	0.032	0.186	1.322	1.150	198	185	0.107	0.235	
Antibiotic treatment of suspected pneumonia	3.1	0.684	0.042	0.062	1.213	1.102	192	148	0.599	0.768	
Support for learning	6.1	0.621	0.034	0.055	2.949	1.717	503	603	0.553	0.689	
Attendance to early childhood education	6.7	0.058	0.014	0.237	2.105	1.451	503	603	0.031	0.086	
Birth registration	8.1	0.993	0.003	0.003	1.788	1.337	1417	1627	0.988	0.999	

Table SE.11: Sampling errors: Al-AnbarStandard errors, coefficients of variation, design effects (def), square root of design effects (def), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (t)	Standard error (se)	Coefficient of variation (se/t)	Design effect (def)	Square root of design effect (def)	Weighted count	Unweighted count	Confidence limits		
									$r - 2se$	$r + 2se$	
Iodized salt consumption		2.16	0.225	0.018	0.078	4.319	2.078	1352	2425	0.190	0.260
					HOUSEHOLDS						
Use of improved drinking water sources	4.1	0.905	0.023	0.026	15.298	3.911	10088	2430	0.859	0.952	
Use of improved sanitation facilities	4.3	0.980	0.004	0.004	1.721	1.312	10088	2430	0.972	0.987	
Primary school net attendance ratio (adjusted)	7.4	0.881	0.013	0.015	4.890	2.211	1653	2920	0.855	0.908	
Secondary school net attendance ratio (adjusted)	7.5	0.453	0.021	0.046	4.543	2.132	1515	2577	0.412	0.495	
Child labour	8.2	0.066	0.007	0.102	3.590	1.895	2778	4851	0.053	0.080	
Prevalence of children with at least one parent dead	9.18	0.065	0.007	0.114	8.133	2.852	5082	8972	0.050	0.080	
School attendance of orphans	9.19	0.822	0.025	0.030	0.904	0.951	149	217	0.772	0.871	
School attendance of non-orphans	9.2	0.822	0.017	0.021	4.448	2.109	1203	2156	0.788	0.857	
Violent discipline	8.5	0.714	0.020	0.028	3.851	1.963	3685	2009	0.674	0.753	
					WOMEN						
Pregnant women	-	0.086	0.008	0.089	2.964	1.722	2380	4024	0.071	0.101	
Early childbearing	5.2	0.109	0.014	0.127	1.471	1.213	408	749	0.081	0.137	
Contraceptive prevalence	5.3	0.515	0.014	0.027	1.942	1.394	1461	2492	0.487	0.543	
Unmet need	5.4	0.065	0.008	0.119	2.477	1.574	1461	2492	0.050	0.081	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.703	0.024	0.033	2.879	1.697	606	1088	0.656	0.750	
Antenatal care coverage – at least four times by any provider	5.5b	0.417	0.022	0.053	2.155	1.468	606	1088	0.373	0.461	
Skilled attendant at delivery	5.7	0.833	0.018	0.022	2.537	1.593	606	1088	0.797	0.869	
Institutional deliveries	5.8	0.631	0.019	0.031	1.740	1.319	606	1088	0.593	0.670	
Caesarean section	5.9	0.140	0.018	0.125	2.781	1.668	606	1088	0.105	0.175	
Literacy rate among young women	7.1	0.637	0.025	0.040	4.685	2.164	959	1677	0.586	0.688	
Marriage before age 18	8.7	0.244	0.012	0.051	2.619	1.618	1828	3096	0.219	0.269	
Polygamy	8.9	0.098	0.009	0.088	2.109	1.452	1461	2492	0.081	0.115	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.000	0.000	0.000	NA	NA	2380	4024	0.000	0.000	
Comprehensive knowledge about HIV prevention among young people	9.2	0.015	0.004	0.281	2.072	1.440	959	1677	0.007	0.024	
Knowledge of mother-to-child transmission of HIV	9.3	0.338	0.013	0.038	2.936	1.713	2380	4024	0.313	0.364	

Table SE.11: Sampling errors: Al-AnbarStandard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (r)	Standard error (se)	Coefficient of variation (se/r)	Design effect (a_{eff})	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$r - 2se$	$r + 2se$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.007	0.003	0.510	4.362	2.039	1346	2435	0.000	0.014	
Women who have been tested for HIV and know the results	9.6	0.008	0.002	0.262	2.249	1.500	2380	4024	0.004	0.012	
UNDER-5s											
Underweight prevalence	2.1a	0.134	0.010	0.075	2.435	1.560	1614	2791	0.114	0.154	
Stunting prevalence	2.2a	0.352	0.018	0.051	3.879	1.970	1601	2773	0.316	0.388	
Wasting prevalence	2.3a	0.096	0.009	0.092	2.458	1.568	1592	2761	0.078	0.113	
Exclusive breastfeeding under 6 months	2.6	0.088	0.011	0.130	0.453	0.673	165	278	0.065	0.111	
Age-appropriate breastfeeding	2.14	0.138	0.014	0.098	1.834	1.354	688	1187	0.111	0.165	
Tuberculosis immunization coverage	-	0.852	0.030	0.036	4.447	2.109	341	605	0.791	0.913	
Received polio immunization	-	0.615	0.030	0.048	2.247	1.499	341	606	0.556	0.674	
Received DPT immunization	-	0.628	0.030	0.049	2.387	1.545	336	602	0.567	0.689	
Received measles immunization	-	0.662	0.035	0.052	3.183	1.784	338	598	0.593	0.731	
Received Hepatitis B immunization	-	0.515	0.035	0.068	2.940	1.715	336	600	0.444	0.585	
Diarrhoea in the previous 2 weeks	-	0.115	0.011	0.092	3.106	1.762	1638	2825	0.093	0.136	
Illness with a cough in the previous 2 weeks	-	0.058	0.007	0.123	2.602	1.613	1638	2825	0.043	0.072	
Oral rehydration therapy with continued feeding	3.8	0.260	0.026	0.100	1.036	1.018	188	296	0.208	0.312	
Antibiotic treatment of suspected pneumonia	3.1	0.816	0.033	0.041	1.150	1.072	94	157	0.749	0.883	
Support for learning	6.1	0.620	0.030	0.049	4.165	2.041	599	1057	0.559	0.681	
Attendance to early childhood education	6.7	0.038	0.007	0.192	1.546	1.243	599	1057	0.023	0.053	
Birth registration	8.1	0.998	0.001	0.001	1.937	1.392	1638	2825	0.995	1.000	

Table SE.12: Sampling errors: BaghdadStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>n</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/n</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	Confidence limits		
									<i>r - 2se</i>	<i>r + 2se</i>	
Iodized salt consumption	2.16	0.323	0.017	0.053	4.012	2.003	7857	3018	0.289	0.358	
Use of improved drinking water sources	4.1	0.966	0.010	0.010	8.524	2.920	46471	3019	0.947	0.985	
Use of improved sanitation facilities	4.3	0.965	0.007	0.007	4.366	2.090	46471	3019	0.951	0.979	
Primary school net attendance ratio (adjusted)	7.4	0.921	0.006	0.006	1.390	1.179	6739	2830	0.909	0.933	
Secondary school net attendance ratio (adjusted)	7.5	0.507	0.017	0.034	3.072	1.753	6155	2511	0.472	0.542	
Child labour	8.2	0.053	0.007	0.135	4.809	2.193	11255	4726	0.039	0.067	
Prevalence of children with at least one parent dead	9.18	0.065	0.007	0.101	5.964	2.442	20564	8454	0.052	0.078	
School attendance of orphans	9.19	0.791	0.011	0.014	0.150	0.388	486	192	0.768	0.813	
School attendance of non-orphans	9.2	0.854	0.010	0.011	1.563	1.250	4895	2065	0.835	0.874	
Violent discipline	8.5	0.793	0.013	0.017	2.471	1.572	14853	2275	0.766	0.820	
Pregnant women	-	0.095	0.005	0.055	1.316	1.147	11144	4182	0.084	0.105	
Early childbearing	5.2	0.116	0.012	0.101	0.945	0.972	1993	709	0.093	0.139	
Contraceptive prevalence	5.3	0.519	0.014	0.026	2.012	1.418	7056	2699	0.491	0.546	
Unmet need	5.4	0.082	0.007	0.090	1.957	1.399	7056	2699	0.067	0.096	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.785	0.018	0.023	1.884	1.373	2503	975	0.749	0.822	
Antenatal care coverage – at least four times by any provider	5.5b	0.439	0.020	0.046	1.591	1.261	2503	975	0.398	0.479	
Skilled attendant at delivery	5.7	0.922	0.016	0.017	3.347	1.830	2503	975	0.890	0.953	
Institutional deliveries	5.8	0.717	0.020	0.027	1.835	1.355	2503	975	0.678	0.756	
Caesarean section	5.9	0.262	0.017	0.067	1.535	1.239	2503	975	0.227	0.297	
Literacy rate among young women	7.1	0.781	0.013	0.017	1.686	1.299	4273	1600	0.754	0.808	
Marriage before age 18	8.7	0.196	0.009	0.047	1.744	1.320	8864	3291	0.178	0.214	
Polygamy	8.9	0.049	0.006	0.114	1.802	1.342	7056	2699	0.038	0.060	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.000	0.000	0.000	NA	NA	11144	4182	0.000	0.000	
Comprehensive knowledge about HIV prevention among young people	9.2	0.049	0.010	0.203	3.406	1.845	4273	1600	0.029	0.069	
Knowledge of mother-to-child transmission of HIV	9.3	0.192	0.010	0.052	2.711	1.646	11144	4182	0.172	0.212	

Table SE.12: Sampling errors: BaghdadStandard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{x})	Standard error (se)	Coefficient of variation (se/\bar{x})	Design effect (a_{eff})	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$\bar{x} - 2se$	$\bar{x} + 2se$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.024	0.004	0.191	1.647	1.283	5957	1883	0.015	0.032	
Women who have been tested for HIV and know the results	9.6	0.002	0.001	0.322	0.973	0.986	11144	4182	0.001	0.004	
UNDER-5s											
Underweight prevalence	2.1a	0.112	0.009	0.081	2.006	1.417	6398	2412	0.094	0.130	
Stunting prevalence	2.2a	0.320	0.012	0.039	1.666	1.291	6330	2387	0.295	0.344	
Wasting prevalence	2.3a	0.122	0.010	0.081	2.183	1.477	6381	2406	0.102	0.142	
Exclusive breastfeeding under 6 months	2.6	0.191	0.022	0.113	0.741	0.861	679	246	0.148	0.235	
Age-appropriate breastfeeding	2.14	0.178	0.013	0.075	1.265	1.125	2831	1051	0.151	0.204	
Tuberculosis immunization coverage	-	0.849	0.016	0.019	1.096	1.047	1370	520	0.816	0.882	
Received polio immunization	-	0.718	0.026	0.037	1.782	1.385	1374	523	0.665	0.770	
Received DPT immunization	-	0.698	0.023	0.032	1.219	1.104	1340	502	0.653	0.743	
Received measles immunization	-	0.758	0.023	0.031	1.477	1.215	1347	505	0.711	0.804	
Received Hepatitis B immunization	-	0.628	0.027	0.044	1.605	1.267	1328	502	0.574	0.683	
Diarrhoea in the previous 2 weeks	-	0.101	0.008	0.078	1.712	1.308	6588	2507	0.085	0.117	
Illness with a cough in the previous 2 weeks	-	0.042	0.006	0.145	2.300	1.517	6588	2507	0.030	0.054	
Oral rehydration therapy with continued feeding	3.8	0.279	0.027	0.097	0.907	0.953	667	250	0.225	0.333	
Antibiotic treatment of suspected pneumonia	3.1	0.429	0.033	0.078	0.438	0.662	277	98	0.362	0.495	
Support for learning	6.1	0.700	0.023	0.033	2.399	1.549	2400	924	0.653	0.747	
Attendance to early childhood education	6.7	0.055	0.009	0.166	1.483	1.248	2400	924	0.037	0.073	
Birth registration	8.1	0.998	0.001	0.001	1.957	1.399	6588	2507	0.995	1.000	

Table SE.13: Sampling errors: BabilStandard errors, coefficients of variation, design effects (*deff*), square root of design effects (*deff*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (se)	Coefficient of variation (se/ <i>r</i>)	Design effect (<i>deff</i>)	Square root of design effect (<i>deff</i>)	Weighted count	Unweighted count	<i>r</i> - 2se	<i>r</i> + 2se	Confidence limits
HOUSEHOLDS											
HOUSEHOLD MEMBERS											
Iodized salt consumption											
4.1											
Use of improved drinking water sources											
4.3											
Use of improved sanitation facilities											
7.4											
Primary school net attendance ratio (adjusted)											
7.5											
Secondary school net attendance ratio (adjusted)											
7.5											
Child labour											
8.2											
Prevalence of children with at least one parent dead											
9.18											
School attendance of orphans											
9.19											
School attendance of non-orphans											
9.2											
Violent discipline											
8.5											
WOMEN											
Pregnant women											
-											
0.094											
Early childbearing											
5.2											
Contraceptive prevalence											
5.3											
Unmet need											
5.4											
Antenatal care coverage - at least once by skilled personnel											
5.5a											
Antenatal care coverage – at least four times by any provider											
5.5b											
Skilled attendant at delivery											
5.7											
Institutional deliveries											
5.8											
Caesarean section											
5.9											
Literacy rate among young women											
7.1											
Marriage before age 18											
8.7											
Polygamy											
Prevalence of female genital mutilation/cutting (FGM/C) among women											
8.12											
Comprehensive knowledge about HIV prevention among young people											
9.2											
Knowledge of mother-to-child transmission of HIV											
9.3											

Table SE.13: Sampling errors: BabilStandard errors, coefficients of variation, design effects (*d_{eff}*), square root of design effects (*d_{eff}*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>d_{eff}</i>)	Square root of design effect (<i>d_{eff}</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.007	0.002	0.348	0.760	0.872	1348	874	0.002	0.012	
Women who have been tested for HIV and know the results	9.6	0.001	0.001	0.742	1.427	1.195	3096	2040	0.000	0.003	
UNDER-5s											
Underweight prevalence	2.1a	0.051	0.006	0.124	1.118	1.057	2164	1356	0.038	0.064	
Stunting prevalence	2.2a	0.126	0.011	0.090	1.566	1.251	2165	1356	0.103	0.148	
Wasting prevalence	2.3a	0.041	0.006	0.151	1.314	1.146	2159	1353	0.029	0.053	
Exclusive breastfeeding under 6 months	2.6	0.308	0.039	0.128	1.076	1.037	244	149	0.230	0.387	
Age-appropriate breastfeeding	2.14	0.363	0.028	0.077	1.944	1.394	911	572	0.307	0.419	
Tuberculosis immunization coverage	-	0.959	0.011	0.012	0.899	0.948	464	287	0.936	0.981	
Received polio immunization	-	0.830	0.023	0.027	1.046	1.023	464	287	0.784	0.875	
Received DPT immunization	-	0.795	0.024	0.030	1.003	1.001	462	285	0.747	0.843	
Received measles immunization	-	0.799	0.025	0.031	1.097	1.047	463	286	0.749	0.849	
Received Hepatitis B immunization	-	0.707	0.031	0.044	1.334	1.155	463	286	0.645	0.769	
Diarrhoea in the previous 2 weeks	-	0.104	0.011	0.104	1.721	1.312	2219	1388	0.082	0.125	
Illness with a cough in the previous 2 weeks	-	0.058	0.007	0.125	1.334	1.155	2219	1388	0.044	0.073	
Oral rehydration therapy with continued feeding	3.8	0.267	0.018	0.069	0.311	0.558	230	179	0.230	0.304	
Antibiotic treatment of suspected pneumonia	3.1	0.735	0.021	0.029	0.234	0.484	129	100	0.692	0.778	
Support for learning	6.1	0.462	0.031	0.068	2.087	1.445	837	526	0.400	0.525	
Attendance to early childhood education	6.7	0.033	0.008	0.256	1.174	1.083	837	526	0.016	0.050	
Birth registration	8.1	0.991	0.003	0.003	1.381	1.175	2219	1388	0.985	0.997	

Table SE.14: Sampling errors: KarbalaStandard errors, coefficients of variation, design effects (*d_{eff}*), square root of design effects (*d_{eff}*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/r</i>)	Design effect (<i>d_{eff}</i>)	Square root of design effect (<i>d_{eff}</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits	
Iodized salt consumption												
		2.16	0.332	0.027	0.081	3.039	1.743	1152	924	0.278	0.386	
			HOUSEHOLD MEMBERS									
Use of improved drinking water sources		4.1	0.880	0.044	0.050	17.065	4.131	7302	924	0.792	0.968	
Use of improved sanitation facilities		4.3	0.909	0.018	0.020	3.783	1.945	7302	924	0.872	0.946	
Primary school net attendance ratio (adjusted)		7.4	0.887	0.029	0.033	7.869	2.805	1141	932	0.829	0.945	
Secondary school net attendance ratio (adjusted)		7.5	0.433	0.046	0.106	6.746	2.597	943	782	0.341	0.525	
Child labour		8.2	0.039	0.007	0.185	2.154	1.468	1867	1542	0.025	0.054	
Prevalence of children with at least one parent dead		9.18	0.048	0.010	0.205	6.117	2.473	3528	2885	0.028	0.068	
School attendance of orphans		9.19	0.774	0.025	0.032	0.183	0.428	65	52	0.724	0.825	
School attendance of non-orphans		9.2	0.838	0.034	0.041	5.544	2.355	756	642	0.769	0.906	
Violent discipline		8.5	0.907	0.015	0.016	1.889	1.375	2515	748	0.878	0.937	
WOMEN												
Pregnant women		-	0.099	0.008	0.085	1.114	1.055	1769	1409	0.082	0.116	
Early childbearing		5.2	0.192	0.027	0.141	1.148	1.072	295	244	0.138	0.246	
Contraceptive prevalence		5.3	0.509	0.035	0.068	4.553	2.134	1183	939	0.440	0.579	
Unmet need		5.4	0.091	0.016	0.177	2.929	1.712	1183	939	0.059	0.123	
Antenatal care coverage - at least once by skilled personnel		5.5a	0.863	0.060	0.069	11.532	3.396	497	381	0.743	0.983	
Antenatal care coverage – at least four times by any provider		5.5b	0.705	0.050	0.071	4.576	2.139	497	381	0.604	0.805	
Skilled attendant at delivery		5.7	0.999	0.001	0.001	0.559	0.748	497	381	0.996	1.000	
Institutional deliveries		5.8	0.812	0.022	0.027	1.189	1.091	497	381	0.769	0.856	
Caesarean section		5.9	0.285	0.035	0.123	2.272	1.507	497	381	0.215	0.354	
Literacy rate among young women		7.1	0.725	0.037	0.051	3.739	1.934	668	545	0.651	0.799	
Marriage before age 18		8.7	0.263	0.019	0.073	2.082	1.443	1395	1108	0.224	0.301	
Polygamy		8.9	0.065	0.011	0.175	2.013	1.419	1183	939	0.042	0.088	
Prevalence of female genital mutilation/cutting (FGM/C) among women		8.12	0.002	0.002	1.007	2.410	1.552	1769	1409	0.000	0.005	
Comprehensive knowledge about HIV prevention among young people		9.2	0.038	0.014	0.368	2.885	1.699	668	545	0.010	0.065	
Knowledge of mother-to-child transmission of HIV		9.3	0.316	0.029	0.092	5.532	2.352	1769	1409	0.258	0.374	

Table SE.14: Sampling errors: KarbalaStandard errors, coefficients of variation, design effects (*d_{eff}*), square root of design effects (*d_{eff}*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>d_{eff}</i>)	Square root of design effect (<i>d_{eff}</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV											
Women who have been tested for HIV and know the results	9.4	0.030	0.010	0.335	2.6656	1.632	1113	778	0.010	0.050	
Underweight prevalence	9.6	0.002	0.002	0.823	2.031	1.425	1769	1409	0.000	0.006	
UNDER-5s											
Stunting prevalence	2.1a	0.072	0.011	0.147	1.597	1.284	1234	950	0.051	0.093	
Wasting prevalence	2.2a	0.166	0.017	0.105	2.076	1.441	1234	949	0.131	0.201	
Exclusive breastfeeding under 6 months	2.3a	0.054	0.010	0.186	1.871	1.368	1230	947	0.034	0.074	
Age-appropriate breastfeeding	2.6	0.398	0.064	0.160	1.702	1.305	137	101	0.271	0.526	
Tuberculosis immunization coverage	-	0.957	0.013	0.014	0.827	0.909	265	196	0.931	0.984	
Received polio immunization	-	0.885	0.029	0.032	1.551	1.245	256	191	0.828	0.943	
Received DPT immunization	-	0.825	0.034	0.041	1.521	1.233	262	195	0.758	0.892	
Received measles immunization	-	0.818	0.033	0.038	1.602	1.266	264	195	0.783	0.914	
Received Hepatitis B immunization	-	0.812	0.034	0.042	1.461	1.209	265	196	0.744	0.880	
Diarrhoea in the previous 2 weeks	-	0.274	0.018	0.066	1.543	1.242	1234	950	0.238	0.310	
Illness with a cough in the previous 2 weeks	-	0.136	0.016	0.120	2.160	1.470	1234	950	0.103	0.168	
Oral rehydration therapy with continued feeding	3.8	0.414	0.051	0.122	2.975	1.725	338	284	0.313	0.515	
Antibiotic treatment of suspected pneumonia	3.1	0.661	0.070	0.106	2.704	1.644	168	125	0.521	0.801	
Support for learning	6.1	0.566	0.041	0.073	2.380	1.543	433	344	0.483	0.648	
Attendance to early childhood education	6.7	0.060	0.023	0.377	3.127	1.768	433	344	0.015	0.106	
Birth registration	8.1	0.981	0.009	0.009	3.804	1.950	1234	950	0.964	0.999	

Table SE.15: Sampling errors: WasitStandard errors, coefficients of variation, design effects (def), square root of design effects (def), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (t)	Standard error (se)	Coefficient of variation (se/ t)	Design effect (def)	Square root of design effect ($\text{def}^{\frac{1}{2}}$)	Weighted count	Unweighted count	$r - 2\text{se}$	$r + 2\text{se}$	Confidence limits
HOUSEHOLDS											
HOUSEHOLD MEMBERS											
Iodized salt consumption	2.16	0.156	0.016	0.103	3.573	1.890	1148	1813	0.123	0.188	
Use of improved drinking water sources	4.1	0.817	0.021	0.025	5.114	2.261	8032	1822	0.776	0.858	
Use of improved sanitation facilities	4.3	0.919	0.007	0.007	1.040	1.020	8032	1822	0.906	0.932	
Primary school net attendance ratio (adjusted)	7.4	0.837	0.015	0.018	3.613	1.901	1382	2226	0.808	0.867	
Secondary school net attendance ratio (adjusted)	7.5	0.371	0.023	0.063	4.403	2.098	1163	1882	0.324	0.418	
Child labour	8.2	0.061	0.009	0.139	4.720	2.173	2282	3718	0.044	0.079	
Prevalence of children with at least one parent dead	9.18	0.045	0.004	0.098	3.004	1.733	4083	6629	0.037	0.054	
School attendance of orphans	9.19	0.723	0.042	0.058	1.063	1.031	66	123	0.640	0.807	
School attendance of non-orphans	9.2	0.747	0.014	0.019	1.790	1.338	1012	1626	0.718	0.776	
Violent discipline	8.5	0.702	0.016	0.023	1.924	1.387	3008	1489	0.669	0.735	
WOMEN											
Pregnant women	-	0.085	0.006	0.066	1.185	1.088	1845	2936	0.074	0.096	
Early childbearing	5.2	0.101	0.012	0.115	0.764	0.874	323	512	0.078	0.125	
Contraceptive prevalence	5.3	0.495	0.013	0.027	1.290	1.136	1176	1870	0.469	0.521	
Unmet need	5.4	0.066	0.006	0.087	0.996	0.998	1176	1870	0.054	0.077	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.746	0.018	0.024	1.340	1.158	461	761	0.709	0.783	
Antenatal care coverage – at least four times by any provider	5.5b	0.387	0.024	0.061	1.778	1.333	461	761	0.340	0.434	
Skilled attendant at delivery	5.7	0.855	0.015	0.018	1.380	1.175	461	761	0.825	0.885	
Institutional deliveries	5.8	0.750	0.019	0.025	1.412	1.188	461	761	0.713	0.787	
Caesarean section	5.9	0.225	0.019	0.083	1.515	1.231	461	761	0.188	0.262	
Literacy rate among young women	7.1	0.569	0.024	0.043	2.793	1.671	737	1167	0.521	0.618	
Marriage before age 18	8.7	0.225	0.011	0.048	1.551	1.246	1431	2281	0.203	0.247	
Polygamy	8.9	0.076	0.008	0.102	1.593	1.262	1176	1870	0.060	0.091	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.003	0.001	0.404	1.364	1.168	1845	2936	0.001	0.005	
Comprehensive knowledge about HIV prevention among young people	9.2	0.062	0.016	0.266	5.459	2.336	737	1167	0.029	0.095	
Knowledge of mother-to-child transmission of HIV	9.3	0.148	0.011	0.076	2.942	1.715	1845	2936	0.125	0.170	

Table SE.15: Sampling errors: WasitStandard errors, coefficients of variation, design effects (deff), square root of design effects (deff) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{x})	Standard error (se)	Coefficient of variation (se/\bar{x})	Design effect (a_{eff})	Square root of design effect (deff)	Weighted count	Unweighted count	$r - 2se$	$r + 2se$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.022	0.004	0.205	0.842	0.918	624	911	0.013	0.030	
Women who have been tested for HIV and know the results	9.6	0.002	0.001	0.449	0.905	0.951	1845	2936	0.000	0.003	
UNDER-5s											
Underweight prevalence	2.1a	0.094	0.009	0.100	1.981	1.407	1245	1923	0.075	0.113	
Stunting prevalence	2.2a	0.236	0.013	0.053	1.691	1.300	1241	1921	0.211	0.261	
Wasting prevalence	2.3a	0.078	0.007	0.094	1.445	1.202	1236	1914	0.064	0.093	
Exclusive breastfeeding under 6 months	2.6	0.197	0.024	0.120	0.762	0.873	129	215	0.150	0.245	
Age-appropriate breastfeeding	2.14	0.266	0.021	0.077	1.792	1.339	540	831	0.225	0.307	
Tuberculosis immunization coverage	-	0.927	0.014	0.015	1.169	1.081	275	417	0.900	0.955	
Received polio immunization	-	0.620	0.029	0.048	1.522	1.284	268	413	0.561	0.679	
Received DPT immunization	-	0.521	0.033	0.064	1.811	1.346	268	411	0.455	0.588	
Received measles immunization	-	0.608	0.026	0.042	1.130	1.063	270	410	0.556	0.659	
Received Hepatitis B immunization	-	0.514	0.033	0.065	1.819	1.349	268	409	0.447	0.580	
Diarrhoea in the previous 2 weeks	-	0.155	0.011	0.073	1.962	1.401	1295	1982	0.132	0.178	
Illness with a cough in the previous 2 weeks	-	0.067	0.008	0.122	2.112	1.453	1295	1982	0.051	0.083	
Oral rehydration therapy with continued feeding	3.8	0.116	0.024	0.204	1.610	1.289	201	296	0.069	0.164	
Antibiotic treatment of suspected pneumonia	3.1	0.770	0.041	0.054	1.130	1.063	87	119	0.687	0.852	
Support for learning	6.1	0.493	0.027	0.054	2.189	1.479	504	760	0.439	0.547	
Attendance to early childhood education	6.7	0.020	0.006	0.311	1.524	1.234	504	760	0.008	0.033	
Birth registration	8.1	0.981	0.004	0.004	1.942	1.394	1295	1982	0.973	0.990	

Table SE.16: Sampling errors: SalahaddinStandard errors, coefficients of variation, design effects (def), square root of design effects (def), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{x})	Standard error (se)	Coefficient of variation (se/\bar{x})	Design effect (def)	Square root of design effect (def)	Weighted count	Unweighted count	Confidence limits	
									$r - 2se$	$r + 2se$
Iodized salt consumption	2.16	0.259	0.013	0.049	2.003	1.415	1371	2432	0.234	0.284
					HOUSEHOLD MEMBERS					
Use of improved drinking water sources	4.1	0.801	0.023	0.029	8.328	2.886	9769	2450	0.754	0.848
Use of improved sanitation facilities	4.3	0.960	0.005	0.006	1.816	1.348	9769	2450	0.949	0.971
Primary school net attendance ratio (adjusted)	7.4	0.862	0.013	0.015	3.755	1.938	1567	2833	0.837	0.887
Secondary school net attendance ratio (adjusted)	7.5	0.434	0.020	0.045	3.924	1.981	1417	2515	0.394	0.473
Child labour	8.2	0.084	0.006	0.069	2.095	1.448	2676	4819	0.073	0.096
Prevalence of children with at least one parent dead	9.18	0.047	0.004	0.086	3.320	1.822	5003	8961	0.039	0.056
School attendance of orphans	9.19	0.647	0.017	0.026	0.215	0.463	92	169	0.613	0.682
School attendance of non-orphans	9.2	0.772	0.015	0.020	2.690	1.640	1145	2035	0.741	0.802
Violent discipline	8.5	0.763	0.012	0.016	1.634	1.278	3585	2017	0.739	0.787
					WOMEN					
Pregnant women	-	0.093	0.005	0.055	1.255	1.120	2331	4098	0.083	0.103
Early childbearing	5.2	0.102	0.011	0.111	1.087	1.043	447	779	0.079	0.124
Contraceptive prevalence	5.3	0.475	0.012	0.024	1.376	1.173	1471	2582	0.452	0.498
Unmet need	5.4	0.098	0.007	0.069	1.326	1.152	1471	2582	0.085	0.112
Antenatal care coverage - at least once by skilled personnel	5.5a	0.638	0.018	0.029	1.666	1.291	657	1156	0.601	0.674
Antenatal care coverage – at least four times by any provider	5.5b	0.407	0.019	0.046	1.710	1.308	657	1156	0.369	0.445
Skilled attendant at delivery	5.7	0.849	0.013	0.015	1.555	1.247	657	1156	0.822	0.875
Institutional deliveries	5.8	0.755	0.016	0.021	1.609	1.268	657	1156	0.723	0.787
Caesarean section	5.9	0.216	0.014	0.063	1.256	1.121	657	1156	0.189	0.243
Literacy rate among young women	7.1	0.632	0.019	0.030	2.807	1.675	1020	1774	0.593	0.670
Marriage before age 18	8.7	0.237	0.010	0.041	1.606	1.267	1758	3103	0.217	0.256
Polygamy	8.9	0.106	0.009	0.082	2.032	1.425	1471	2582	0.088	0.123
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.016	0.004	0.236	3.716	1.928	2331	4098	0.008	0.024
Comprehensive knowledge about HIV prevention among young people	9.2	0.044	0.006	0.141	1.629	1.276	1020	1774	0.032	0.056
Knowledge of mother-to-child transmission of HIV	9.3	0.177	0.010	0.054	2.580	1.606	2331	4098	0.158	0.196

Table SE.16: Sampling errors: SalahaddinStandard errors, coefficients of variation, design effects (deff), square root of design effects (deft) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{x})	Standard error (se)	Coefficient of variation (se/ \bar{x})	Design effect (a _{eff})	Square root of design effect (deft)	Weighted count	Unweighted count	$r - 2\text{se}$	$r + 2\text{se}$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.020	0.004	0.177	1.289	1.135	1151	2008	0.013	0.027	
Women who have been tested for HIV and know the results	9.6	0.004	0.001	0.338	1.715	1.310	2331	4098	0.001	0.006	
UNDER-5s											
Underweight prevalence	2.1a	0.092	0.006	0.064	1.169	1.081	1675	2816	0.080	0.104	
Stunting prevalence	2.2a	0.246	0.010	0.041	1.559	1.249	1666	2797	0.226	0.266	
Wasting prevalence	2.3a	0.072	0.006	0.080	1.407	1.186	1662	2789	0.061	0.084	
Exclusive breastfeeding under 6 months	2.6	0.123	0.016	0.130	0.891	0.944	224	375	0.091	0.155	
Age-appropriate breastfeeding	2.14	0.181	0.011	0.060	1.033	1.016	775	1302	0.159	0.203	
Tuberculosis immunization coverage	-	0.851	0.019	0.023	1.843	1.357	370	622	0.812	0.890	
Received polio immunization	-	0.627	0.021	0.034	1.214	1.102	369	620	0.584	0.670	
Received DPT immunization	-	0.492	0.021	0.044	1.132	1.064	368	618	0.449	0.535	
Received measles immunization	-	0.578	0.022	0.039	1.258	1.122	368	613	0.533	0.623	
Received Hepatitis B immunization	-	0.451	0.019	0.043	0.924	0.961	366	615	0.413	0.490	
Diarrhoea in the previous 2 weeks	-	0.124	0.007	0.057	1.354	1.164	1722	2909	0.109	0.138	
Illness with a cough in the previous 2 weeks	-	0.111	0.007	0.066	1.584	1.259	1722	2909	0.096	0.125	
Oral rehydration therapy with continued feeding	3.8	0.173	0.020	0.117	0.979	0.989	213	345	0.132	0.213	
Antibiotic treatment of suspected pneumonia	3.1	0.712	0.027	0.037	0.988	0.994	191	289	0.659	0.765	
Support for learning	6.1	0.643	0.020	0.031	1.779	1.334	609	1045	0.603	0.682	
Attendance to early childhood education	6.7	0.025	0.005	0.217	1.266	1.125	609	1045	0.014	0.036	
Birth registration	8.1	0.983	0.003	0.003	1.753	1.324	1722	2909	0.977	0.990	

Table SE.17: Sampling errors: Al-NajafStandard errors, coefficients of variation, design effects (*d_{eff}*), square root of design effects (*d_{eff}*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/r</i>)	Design effect (<i>d_{eff}</i>)	Square root of design effect (<i>d_{eff}</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits
Iodized salt consumption	2.16	0.246	0.016	0.064	1.212	1.101	1357	919	0.214	0.277	
Household members											
Use of improved drinking water sources	4.1	0.969	0.018	0.018	9.740	3.121	9180	919	0.933	1.000	
Use of improved sanitation facilities	4.3	0.925	0.007	0.007	0.617	0.786	9180	919	0.911	0.939	
Primary school net attendance ratio (adjusted)	7.4	0.903	0.018	0.019	3.636	1.907	1480	1038	0.868	0.938	
Secondary school net attendance ratio (adjusted)	7.5	0.393	0.025	0.062	2.138	1.462	1218	847	0.344	0.442	
Child labour	8.2	0.103	0.010	0.099	1.900	1.378	2453	1703	0.083	0.123	
Prevalence of children with at least one parent dead	9.18	0.055	0.009	0.156	4.364	2.089	4508	3096	0.038	0.072	
School attendance of orphans	9.19	0.756	0.045	0.059	0.733	0.856	100	68	0.667	0.846	
School attendance of non-orphans	9.2	0.841	0.017	0.020	1.550	1.245	987	703	0.806	0.875	
Violent discipline	8.5	0.906	0.014	0.015	1.736	1.318	3322	758	0.878	0.934	
Women											
Pregnant women	-	0.116	0.009	0.077	1.119	1.058	2178	1446	0.098	0.134	
Early childbearing	5.2	0.200	0.031	0.157	1.582	1.258	418	257	0.137	0.263	
Contraceptive prevalence	5.3	0.586	0.013	0.022	0.684	0.827	1479	976	0.560	0.612	
Unmet need	5.4	0.058	0.010	0.167	1.669	1.292	1479	976	0.038	0.077	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.864	0.021	0.024	1.455	1.206	575	384	0.822	0.907	
Antenatal care coverage – at least four times by any provider	5.5b	0.650	0.023	0.035	0.880	0.938	575	384	0.605	0.696	
Skilled attendant at delivery	5.7	0.962	0.010	0.011	1.073	1.036	575	384	0.942	0.982	
Institutional deliveries	5.8	0.829	0.020	0.024	1.112	1.055	575	384	0.789	0.870	
Caesarean section	5.9	0.289	0.019	0.065	0.661	0.813	575	384	0.251	0.326	
Literacy rate among young women	7.1	0.750	0.032	0.044	3.091	1.758	903	585	0.666	0.795	
Marriage before age 18	8.7	0.302	0.019	0.064	2.009	1.417	1693	1118	0.263	0.341	
Polygamy	8.9	0.063	0.009	0.145	1.388	1.178	1479	976	0.045	0.081	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.004	0.002	0.524	1.584	1.259	2178	1446	0.000	0.008	
Comprehensive knowledge about HIV prevention among young people	9.2	0.025	0.006	0.235	0.824	0.908	903	585	0.013	0.037	
Knowledge of mother-to-child transmission of HIV	9.3	0.289	0.021	0.072	3.039	1.743	2178	1446	0.247	0.331	

Table SE.17: Sampling errors: Al-NajafStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (se)	Coefficient of variation (se/ <i>r</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.037	0.006	0.157	0.850	0.922	1406	908	0.025	0.048	
Women who have been tested for HIV and know the results	9.6	0.003	0.002	0.578	1.674	1.294	2178	1446	0.000	0.007	
UNDER-5s											
Underweight prevalence	2.1a	0.104	0.013	0.123	1.709	1.307	1522	977	0.078	0.129	
Stunting prevalence	2.2a	0.285	0.020	0.070	1.889	1.374	1508	970	0.245	0.324	
Wasting prevalence	2.3a	0.071	0.012	0.165	2.022	1.422	1515	974	0.047	0.094	
Exclusive breastfeeding under 6 months	2.6	0.103	0.030	0.287	0.863	0.929	142	92	0.044	0.163	
Age-appropriate breastfeeding	2.14	0.273	0.028	0.101	1.536	1.239	620	400	0.218	0.328	
Tuberculosis immunization coverage	-	0.823	0.033	0.041	1.442	1.201	291	189	0.756	0.890	
Received polio immunization	-	0.886	0.020	0.022	0.716	0.846	291	189	0.847	0.926	
Received DPT immunization	-	0.634	0.032	0.051	0.842	0.918	291	189	0.570	0.699	
Received measles immunization	-	0.772	0.030	0.039	0.952	0.975	291	189	0.713	0.832	
Received Hepatitis B immunization	-	0.578	0.045	0.078	1.552	1.246	291	189	0.488	0.668	
Diarrhoea in the previous 2 weeks	-	0.144	0.014	0.099	1.638	1.280	1529	981	0.116	0.173	
Illness with a cough in the previous 2 weeks	-	0.055	0.007	0.133	1.019	1.009	1529	981	0.041	0.070	
Oral rehydration therapy with continued feeding	3.8	0.301	0.031	0.103	0.755	0.869	221	165	0.239	0.364	
Antibiotic treatment of suspected pneumonia	3.1	0.744	0.055	0.074	1.125	1.061	85	72	0.635	0.854	
Support for learning	6.1	0.599	0.037	0.062	2.212	1.487	600	386	0.525	0.673	
Attendance to early childhood education	6.7	0.031	0.010	0.339	1.397	1.182	600	386	0.010	0.051	
Birth registration	8.1	0.996	0.002	0.002	1.039	1.019	1529	981	0.992	1.000	

Table SE.18: Sampling errors: Al-QadisiyaStandard errors, coefficients of variation, design effects ($deff$), square root of design effects ($deff$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (r)	Standard error (se)	Coefficient of variation (se/r)	Design effect ($deff$)	Square root of design effect ($deff$)	Weighted count	Unweighted count	$r - 2se$	$r + 2se$	Confidence limits
Iodized salt consumption	2.16	0.116	0.012	0.107	1.840	1.356	1086	1224	0.091	0.141	
HOUSEHOLD MEMBERS											
Use of improved drinking water sources	4.1	0.867	0.028	0.032	8.269	2.876	8076	1224	0.811	0.923	
Use of improved sanitation facilities	4.3	0.843	0.020	0.023	3.538	1.881	8076	1224	0.803	0.882	
Primary school net attendance ratio (adjusted)	7.4	0.866	0.016	0.018	3.315	1.821	1228	1545	0.834	0.898	
Secondary school net attendance ratio (adjusted)	7.5	0.435	0.025	0.058	3.393	1.842	1145	1318	0.384	0.485	
Child labour	8.2	0.133	0.012	0.090	3.175	1.782	2197	2580	0.109	0.157	
Prevalence of children with at least one parent dead	9.18	0.040	0.007	0.171	5.914	2.432	4076	4816	0.027	0.054	
School attendance of orphans	9.19	0.565	0.075	0.133	1.224	1.106	56	54	0.414	0.716	
School attendance of non-orphans	9.2	0.791	0.019	0.024	2.378	1.542	961	1130	0.754	0.829	
Violent discipline	8.5	0.814	0.017	0.021	2.060	1.435	2971	1045	0.779	0.848	
WOMEN											
Pregnant women	-	0.101	0.007	0.074	1.315	1.147	1912	2150	0.086	0.116	
Early childbearing	5.2	0.125	0.019	0.155	1.388	1.178	356	402	0.086	0.164	
Contraceptive prevalence	5.3	0.496	0.015	0.031	1.322	1.150	1237	1415	0.465	0.526	
Unmet need	5.4	0.078	0.008	0.101	1.235	1.111	1237	1415	0.063	0.094	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.809	0.023	0.028	2.148	1.466	520	629	0.763	0.855	
Antenatal care coverage – at least four times by any provider	5.5b	0.542	0.028	0.052	1.993	1.412	520	629	0.486	0.598	
Skilled attendant at delivery	5.7	0.937	0.010	0.011	1.093	1.045	520	629	0.917	0.957	
Institutional deliveries	5.8	0.868	0.017	0.020	1.633	1.278	520	629	0.833	0.902	
Caesarean section	5.9	0.339	0.029	0.085	2.312	1.521	520	629	0.282	0.397	
Literacy rate among young women	7.1	0.635	0.023	0.036	2.036	1.427	798	898	0.589	0.680	
Marriage before age 18	8.7	0.257	0.012	0.048	1.305	1.143	1471	1654	0.232	0.281	
Polygamy	8.9	0.060	0.008	0.133	1.621	1.273	1237	1415	0.044	0.077	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.008	0.002	0.218	0.856	0.925	1912	2150	0.005	0.012	
Comprehensive knowledge about HIV prevention among young people	9.2	0.016	0.005	0.323	1.526	1.235	798	898	0.006	0.026	
Knowledge of mother-to-child transmission of HIV	9.3	0.243	0.015	0.063	2.720	1.649	1912	2150	0.213	0.274	

Table SE.18: Sampling errors: Al-QadisiyaStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.019	0.005	0.279	1.296	1.138	961	879	0.008	0.029	
Women who have been tested for HIV and know the results	9.6	0.004	0.001	0.273	0.623	0.789	1912	2150	0.002	0.006	
UNDER-5s											
Underweight prevalence	2.1a	0.071	0.007	0.105	1.338	1.157	1382	1587	0.056	0.086	
Stunting prevalence	2.2a	0.190	0.013	0.067	1.693	1.301	1380	1584	0.165	0.216	
Wasting prevalence	2.3a	0.066	0.007	0.099	1.105	1.051	1373	1579	0.053	0.079	
Exclusive breastfeeding under 6 months	2.6	0.200	0.026	0.132	0.759	0.871	146	174	0.147	0.253	
Age-appropriate breastfeeding	2.14	0.263	0.017	0.066	1.016	1.008	581	660	0.228	0.298	
Tuberculosis immunization coverage	-	0.924	0.019	0.021	1.659	1.288	279	312	0.886	0.963	
Received polio immunization	-	0.785	0.027	0.035	1.393	1.180	278	313	0.730	0.840	
Received DPT immunization	-	0.669	0.027	0.041	1.060	1.030	279	313	0.614	0.724	
Received measles immunization	-	0.770	0.024	0.031	0.990	0.995	277	309	0.723	0.818	
Received Hepatitis B immunization	-	0.637	0.026	0.040	0.884	0.940	277	310	0.585	0.688	
Diarrhoea in the previous 2 weeks	-	0.187	0.011	0.058	1.251	1.118	1392	1594	0.165	0.208	
Illness with a cough in the previous 2 weeks	-	0.099	0.013	0.127	2.819	1.679	1392	1594	0.074	0.125	
Oral rehydration therapy with continued feeding	3.8	0.263	0.034	0.128	1.711	1.308	260	293	0.196	0.330	
Antibiotic treatment of suspected pneumonia	3.1	0.760	0.024	0.032	0.475	0.689	138	152	0.712	0.808	
Support for learning	6.1	0.559	0.025	0.045	1.607	1.288	545	627	0.509	0.609	
Attendance to early childhood education	6.7	0.028	0.011	0.377	2.602	1.613	545	627	0.007	0.050	
Birth registration	8.1	0.996	0.002	0.002	1.251	1.118	1392	1594	0.992	0.999	

Table SE.19: Sampling errors: Al-MuthannaStandard errors, coefficients of variation, design effects (def), square root of design effects (def), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{x})	Standard error (se)	Coefficient of variation (se/\bar{x})	Design effect (def)	Square root of design effect (def)	Weighted count	Unweighted count	Confidence limits		
									$r - 2se$	$r + 2se$	
Iodized salt consumption	2.16	0.119	0.014	0.120	2.421	1.556	651	1234	0.091	0.148	
Use of improved drinking water sources	4.1	0.837	0.037	0.044	12.368	3.517	5005	1234	0.763	0.911	
Use of improved sanitation facilities	4.3	0.918	0.014	0.015	3.251	1.803	5005	1234	0.889	0.946	
Primary school net attendance ratio (adjusted)	7.4	0.859	0.016	0.019	3.936	1.984	815	1770	0.826	0.892	
Secondary school net attendance ratio (adjusted)	7.5	0.335	0.023	0.070	3.529	1.879	710	1448	0.288	0.382	
Child labour	8.2	0.096	0.014	0.145	6.482	2.546	1358	2909	0.068	0.123	
Prevalence of children with at least one parent dead	9.18	0.047	0.007	0.143	5.361	2.315	2581	5372	0.033	0.060	
School attendance of orphans	9.19	0.726	0.084	0.116	4.120	2.030	43	117	0.557	0.894	
School attendance of non-orphans	9.2	0.758	0.021	0.028	3.005	1.734	586	1232	0.715	0.800	
Violent discipline	8.5	0.811	0.019	0.024	2.541	1.594	1885	1048	0.773	0.850	
Pregnant women	-	0.097	0.010	0.100	2.487	1.577	1140	2294	0.078	0.117	
Early childbearing	5.2	0.126	0.017	0.131	1.015	1.008	208	408	0.093	0.160	
Contraceptive prevalence	5.3	0.441	0.018	0.041	1.983	1.408	760	1491	0.404	0.477	
Unmet need	5.4	0.104	0.009	0.082	1.168	1.081	760	1491	0.087	0.121	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.844	0.020	0.023	1.923	1.387	333	661	0.805	0.883	
Antenatal care coverage – at least four times by any provider	5.5b	0.541	0.033	0.061	2.896	1.702	333	661	0.475	0.607	
Skilled attendant at delivery	5.7	0.891	0.017	0.019	1.956	1.399	333	661	0.857	0.925	
Institutional deliveries	5.8	0.832	0.020	0.024	1.928	1.388	333	661	0.791	0.872	
Caesarean section	5.9	0.207	0.023	0.110	2.083	1.443	333	661	0.162	0.253	
Literacy rate among young women	7.1	0.476	0.028	0.059	3.122	1.767	495	984	0.420	0.533	
Marriage before age 18	8.7	0.288	0.013	0.046	1.439	1.200	853	1718	0.261	0.314	
Polygamy	8.9	0.110	0.014	0.129	3.044	1.745	760	1491	0.081	0.138	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.003	0.001	0.443	1.469	1.212	1140	2294	0.000	0.006	
Comprehensive knowledge about HIV prevention among young people	9.2	0.004	0.003	0.693	1.734	1.317	495	984	0.000	0.009	
Knowledge of mother-to-child transmission of HIV	9.3	0.150	0.013	0.087	3.082	1.755	1140	2294	0.123	0.176	

Table SE.19: Sampling errors: Al-MuthannaStandard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (r)	Standard error (se)	Coefficient of variation (se/r)	Design effect (a_{eff})	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$r - 2se$	$r + 2se$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.016	0.006	0.335	1.307	1.143	414	695	0.005	0.028	
Women who have been tested for HIV and know the results	9.6	0.000	0.000	0.000	NA	NA	1140	2294	0.000	0.000	
UNDER-5s											
Underweight prevalence	2.1a	0.087	0.011	0.125	2.583	1.607	913	1742	0.065	0.109	
Stunting prevalence	2.2a	0.189	0.014	0.073	2.160	1.470	911	1738	0.161	0.216	
Wasting prevalence	2.3a	0.150	0.018	0.118	4.268	2.066	912	1732	0.115	0.186	
Exclusive breastfeeding under 6 months	2.6	0.063	0.015	0.241	0.671	0.819	85	173	0.033	0.093	
Age-appropriate breastfeeding	2.14	0.388	0.026	0.068	2.050	1.432	363	697	0.335	0.441	
Tuberculosis immunization coverage	-	0.970	0.009	0.009	0.853	0.923	190	336	0.952	0.987	
Received polio immunization	-	0.938	0.013	0.014	0.937	0.988	187	331	0.912	0.963	
Received DPT immunization	-	0.704	0.027	0.038	1.154	1.074	191	337	0.650	0.757	
Received measles immunization	-	0.847	0.021	0.025	1.140	1.068	191	337	0.805	0.889	
Received Hepatitis B immunization	-	0.665	0.024	0.036	0.883	0.940	191	336	0.616	0.713	
Diarrhoea in the previous 2 weeks	-	0.128	0.008	0.063	1.024	1.012	914	1754	0.112	0.144	
Illness with a cough in the previous 2 weeks	-	0.052	0.008	0.145	2.041	1.429	914	1754	0.037	0.067	
Oral rehydration therapy with continued feeding	3.8	0.179	0.027	0.149	1.164	1.079	117	241	0.126	0.233	
Antibiotic treatment of suspected pneumonia	3.1	0.801	0.023	0.029	0.407	0.638	48	125	0.755	0.846	
Support for learning	6.1	0.492	0.025	0.050	1.708	1.307	362	711	0.443	0.541	
Attendance to early childhood education	6.7	0.010	0.005	0.495	1.678	1.295	362	711	0.000	0.019	
Birth registration	8.1	0.987	0.003	0.003	1.476	1.215	914	1754	0.980	0.993	

Table SE.20: Sampling errors: Thi-QarStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>n</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/n</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	Confidence limits		
									<i>r - 2se</i>	<i>r + 2se</i>	
Iodized salt consumption	2.16	0.130	0.014	0.110	2.798	1.673	1715	1545	0.101	0.158	
Use of improved drinking water sources	4.1	0.874	0.018	0.020	4.409	2.100	13527	1545	0.838	0.909	
Use of improved sanitation facilities	4.3	0.868	0.012	0.014	1.875	1.369	13527	1545	0.844	0.891	
Primary school net attendance ratio (adjusted)	7.4	0.886	0.009	0.010	1.847	1.359	2336	2203	0.867	0.904	
Secondary school net attendance ratio (adjusted)	7.5	0.422	0.022	0.051	3.415	1.848	1978	1786	0.379	0.465	
Child labour	8.2	0.077	0.008	0.103	3.168	1.780	3817	3569	0.061	0.093	
Prevalence of children with at least one parent dead	9.18	0.051	0.006	0.114	4.383	2.094	6943	6352	0.039	0.062	
School attendance of orphans	9.19	0.814	0.024	0.029	0.443	0.666	126	122	0.767	0.861	
School attendance of non-orphans	9.2	0.822	0.014	0.016	1.935	1.391	1672	1548	0.795	0.849	
Violent discipline	8.5	0.844	0.013	0.015	1.711	1.308	5077	1321	0.818	0.871	
Pregnant women	-	0.089	0.008	0.086	1.972	1.404	3104	2701	0.074	0.105	
Early childbearing	5.2	0.123	0.018	0.143	1.265	1.125	534	443	0.088	0.158	
Contraceptive prevalence	5.3	0.498	0.014	0.028	1.304	1.142	1969	1720	0.471	0.526	
Unmet need	5.4	0.096	0.009	0.097	1.728	1.315	1969	1720	0.077	0.114	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.806	0.020	0.025	1.869	1.367	853	738	0.766	0.846	
Antenatal care coverage – at least four times by any provider	5.5b	0.560	0.026	0.047	2.069	1.438	853	738	0.507	0.612	
Skilled attendant at delivery	5.7	0.938	0.008	0.008	0.751	0.867	853	738	0.923	0.954	
Institutional deliveries	5.8	0.733	0.027	0.037	2.723	1.650	853	738	0.679	0.787	
Caesarean section	5.9	0.206	0.018	0.086	1.399	1.183	853	738	0.171	0.241	
Literacy rate among young women	7.1	0.639	0.020	0.031	1.943	1.394	1297	1119	0.599	0.679	
Marriage before age 18	8.7	0.271	0.014	0.052	2.058	1.434	2341	2025	0.243	0.300	
Polygamy	8.9	0.074	0.009	0.119	1.947	1.396	1969	1720	0.056	0.092	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.000	0.000	0.000	NA	NA	3104	2701	0.000	0.000	
Comprehensive knowledge about HIV prevention among young people	9.2	0.031	0.006	0.205	1.491	1.221	1297	1119	0.018	0.043	
Knowledge of mother-to-child transmission of HIV	9.3	0.278	0.016	0.057	3.414	1.848	3104	2701	0.247	0.310	

Table SE.20: Sampling errors: Thi-QarStandard errors, coefficients of variation, design effects (def), square root of design effects ($\text{def}^{\sqrt{}}$) and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (\bar{x})	Standard error (se)	Coefficient of variation (se/ \bar{x})	Design effect (a eff)	Square root of design effect ($\text{def}^{\sqrt{}}$)	Weighted count	Unweighted count	$\bar{x} - 2\text{se}$	$\bar{x} + 2\text{se}$	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.012	0.003	0.285	1.155	1.075	1364	1154	0.005	0.019	
Women who have been tested for HIV and know the results	9.6	0.001	0.001	0.997	1.914	1.384	3104	2701	0.000	0.002	
UNDER-5s											
Underweight prevalence	2.1a	0.087	0.008	0.093	1.596	1.263	2265	1928	0.071	0.103	
Stunting prevalence	2.2a	0.181	0.013	0.071	2.154	1.468	2256	1920	0.155	0.206	
Wasting prevalence	2.3a	0.078	0.008	0.105	1.797	1.341	2260	1925	0.062	0.094	
Exclusive breastfeeding under 6 months	2.6	0.197	0.034	0.172	1.483	1.218	226	206	0.129	0.264	
Age-appropriate breastfeeding	2.14	0.364	0.022	0.062	1.719	1.311	950	788	0.319	0.409	
Tuberculosis immunization coverage	-	0.887	0.020	0.022	1.498	1.224	459	382	0.847	0.927	
Received polio immunization	-	0.598	0.033	0.055	1.702	1.305	459	382	0.532	0.663	
Received DPT immunization	-	0.560	0.035	0.063	1.933	1.390	459	382	0.489	0.630	
Received measles immunization	-	0.534	0.038	0.071	2.188	1.479	459	381	0.459	0.610	
Received Hepatitis B immunization	-	0.527	0.037	0.071	2.114	1.454	457	378	0.452	0.602	
Diarrhoea in the previous 2 weeks	-	0.265	0.013	0.050	1.757	1.325	2270	1932	0.238	0.291	
Illness with a cough in the previous 2 weeks	-	0.118	0.010	0.081	1.687	1.299	2270	1932	0.099	0.137	
Oral rehydration therapy with continued feeding	3.8	0.276	0.027	0.097	1.844	1.358	601	516	0.222	0.329	
Antibiotic treatment of suspected pneumonia	3.1	0.764	0.029	0.038	1.043	1.021	267	224	0.706	0.822	
Support for learning	6.1	0.316	0.021	0.067	1.626	1.275	913	793	0.274	0.358	
Attendance to early childhood education	6.7	0.008	0.003	0.421	1.159	1.077	913	793	0.001	0.015	
Birth registration	8.1	0.996	0.002	0.002	2.600	1.612	2270	1932	0.992	1.000	

Table SE.21: Sampling errors: MissanStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/r</i>)	Design effect (<i>def</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	Confidence limits		
									<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	
Iodized salt consumption	2.16	0.157	0.032	0.202	13.972	3.738	957	1842	0.094	0.221	
Use of improved drinking water sources	4.1	0.939	0.008	0.009	2.290	1.513	7107	1843	0.923	0.956	
Use of improved sanitation facilities	4.3	0.913	0.011	0.012	2.706	1.645	7107	1843	0.891	0.935	
Primary school net attendance ratio (adjusted)	7.4	0.758	0.016	0.021	3.822	1.955	1244	2666	0.726	0.791	
Secondary school net attendance ratio (adjusted)	7.5	0.314	0.016	0.052	2.603	1.613	983	2071	0.281	0.347	
Child labour	8.2	0.146	0.011	0.073	3.986	1.996	2049	4384	0.124	0.167	
Prevalence of children with at least one parent dead	9.18	0.043	0.005	0.123	5.334	2.310	3767	7787	0.033	0.054	
School attendance of orphans	9.19	0.676	0.027	0.041	0.481	0.694	70	141	0.621	0.731	
School attendance of non-orphans	9.2	0.656	0.018	0.028	2.895	1.702	884	1939	0.619	0.693	
Violent discipline	8.5	0.678	0.019	0.028	2.633	1.623	2789	1572	0.640	0.717	
Pregnant women	-	0.114	0.009	0.081	2.528	1.590	1552	2988	0.095	0.132	
Early childbearing	5.2	0.193	0.034	0.178	3.812	1.953	264	507	0.124	0.261	
Contraceptive prevalence	5.3	0.470	0.020	0.042	2.985	1.728	980	1877	0.430	0.509	
Unmet need	5.4	0.092	0.013	0.136	3.517	1.875	980	1877	0.067	0.117	
Antenatal care coverage - at least once by skilled personnel	5.5a	0.707	0.028	0.039	3.463	1.861	479	948	0.652	0.762	
Antenatal care coverage – at least four times by any provider	5.5b	0.424	0.028	0.065	2.932	1.712	479	948	0.369	0.479	
Skilled attendant at delivery	5.7	0.942	0.010	0.010	1.561	1.249	479	948	0.923	0.961	
Institutional deliveries	5.8	0.763	0.019	0.025	1.978	1.406	479	948	0.724	0.802	
Caesarean section	5.9	0.145	0.019	0.132	2.790	1.670	479	948	0.107	0.184	
Literacy rate among young women	7.1	0.493	0.020	0.040	1.890	1.375	616	1239	0.454	0.532	
Marriage before age 18	8.7	0.300	0.017	0.057	3.201	1.789	1200	2256	0.266	0.335	
Polygamy	8.9	0.072	0.010	0.145	3.052	1.747	980	1877	0.051	0.093	
Prevalence of female genital mutilation/cutting (FGM/C) among women	8.12	0.000	0.000	0.000	NA	NA	1552	2988	0.000	0.000	
Comprehensive knowledge about HIV prevention among young people	9.2	0.064	0.018	0.287	6.955	2.637	616	1239	0.027	0.100	
Knowledge of mother-to-child transmission of HIV	9.3	0.196	0.013	0.065	3.089	1.757	1552	2988	0.170	0.221	

Table SE.21: Sampling errors: MissanStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (se)	Coefficient of variation (se/r)	Design effect (<i>a_{eff}</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r</i> - 2se	<i>r</i> + 2se	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.027	0.009	0.344	3.128	1.789	633	949	0.008	0.046	
Women who have been tested for HIV and know the results	9.6	0.000	0.000	0.000	NA	NA	1552	2988	0.000	0.000	
UNDER-5s											
Underweight prevalence	2.1a	0.076	0.007	0.096	1.834	1.354	1293	2415	0.061	0.090	
Stunting prevalence	2.2a	0.169	0.012	0.070	2.424	1.557	1292	2410	0.145	0.193	
Wasting prevalence	2.3a	0.062	0.006	0.096	1.476	1.215	1291	2410	0.050	0.074	
Exclusive breastfeeding under 6 months	2.6	0.289	0.023	0.080	0.674	0.821	118	263	0.243	0.335	
Age-appropriate breastfeeding	2.14	0.305	0.027	0.088	3.496	1.870	530	1022	0.251	0.359	
Tuberculosis immunization coverage	-	0.966	0.011	0.011	1.681	1.297	264	478	0.944	0.987	
Received polio immunization	-	0.883	0.018	0.021	1.554	1.247	264	478	0.846	0.920	
Received DPT immunization	-	0.889	0.020	0.023	1.982	1.408	264	477	0.848	0.929	
Received measles immunization	-	0.919	0.017	0.018	1.841	1.357	264	477	0.886	0.953	
Received Hepatitis B immunization	-	0.822	0.025	0.031	2.108	1.452	264	477	0.771	0.873	
Diarrhoea in the previous 2 weeks	-	0.209	0.012	0.059	2.215	1.488	1310	2453	0.184	0.233	
Illness with a cough in the previous 2 weeks	-	0.110	0.012	0.109	3.588	1.894	1310	2453	0.086	0.134	
Oral rehydration therapy with continued feeding	3.8	0.143	0.020	0.141	1.843	1.358	273	559	0.103	0.183	
Antibiotic treatment of suspected pneumonia	3.1	0.656	0.033	0.050	1.388	1.178	144	294	0.591	0.722	
Support for learning	6.1	0.440	0.027	0.062	2.868	1.683	524	960	0.385	0.494	
Attendance to early childhood education	6.7	0.021	0.010	0.481	4.804	2.192	524	960	0.001	0.042	
Birth registration	8.1	0.988	0.002	0.002	0.596	0.772	1310	2453	0.985	0.992	

Table SE.22: Sampling errors: BasrahStandard errors, coefficients of variation, design effects (*d_{eff}*), square root of design effects (*d_{eff}*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>t</i>)	Standard error (se)	Coefficient of variation (se/ <i>t</i>)	Design effect (<i>a_{eff}</i>)	Square root of design effect (<i>d_{eff}</i>)	Weighted count	Unweighted count	<i>r</i> - 2 <i>se</i>	<i>r</i> + 2 <i>se</i>	Confidence limits
HOUSEHOLDS											
HOUSEHOLD MEMBERS											
Iodized salt consumption											
4.1											
Use of improved drinking water sources											
4.3											
Use of improved sanitation facilities											
7.4											
Primary school net attendance ratio (adjusted)											
7.5											
Secondary school net attendance ratio (adjusted)											
Child labour											
8.2											
Prevalence of children with at least one parent dead											
9.18											
School attendance of orphans											
9.19											
School attendance of non-orphans											
9.2											
Violent discipline											
8.5											
WOMEN											
Pregnant women											
-											
0.096											
Early childbearing											
5.2											
Contraceptive prevalence											
5.3											
Unmet need											
5.4											
Antenatal care coverage - at least once by skilled personnel											
5.5a											
Antenatal care coverage - at least four times by any provider											
5.5b											
Skilled attendant at delivery											
5.7											
Institutional deliveries											
5.8											
Caesarean section											
5.9											
Literacy rate among young women											
7.1											
Marriage before age 18											
8.7											
Polygamy											
8.9											
Prevalence of female genital mutilation/cutting (FGM/C) among women											
8.12											
Comprehensive knowledge about HIV prevention among young people											
9.2											
Knowledge of mother-to-child transmission of HIV											
9.3											

Table SE.22: Sampling errors: BasrahStandard errors, coefficients of variation, design effects (*def*), square root of design effects (*def*), and confidence intervals for selected indicators, Iraq, 2011

	MICS Indicator	Value (<i>r</i>)	Standard error (<i>se</i>)	Coefficient of variation (<i>se/r</i>)	Design effect (<i>a_{eff}</i>)	Square root of design effect (<i>def</i>)	Weighted count	Unweighted count	<i>r - 2se</i>	<i>r + 2se</i>	Confidence limits
Accepting attitudes towards people living with HIV	9.4	0.021	0.006	0.289	3.280	1.811	2589	1809	0.009	0.034	
Women who have been tested for HIV and know the results	9.6	0.003	0.002	0.641	4.026	2.006	4179	3406	0.000	0.007	
UNDER-5s											
Underweight prevalence	2.1a	0.099	0.010	0.104	2.960	1.721	3098	2512	0.078	0.119	
Stunting prevalence	2.2a	0.216	0.015	0.067	3.143	1.773	3095	2507	0.187	0.245	
Wasting prevalence	2.3a	0.073	0.011	0.148	4.280	2.069	3058	2489	0.051	0.094	
Exclusive breastfeeding under 6 months	2.6	0.156	0.031	0.197	1.671	1.292	312	235	0.094	0.217	
Age-appropriate breastfeeding	2.14	0.270	0.022	0.081	2.463	1.569	1311	1017	0.226	0.313	
Tuberculosis immunization coverage	-	0.967	0.011	0.011	1.882	1.372	667	519	0.946	0.989	
Received polio immunization	-	0.763	0.032	0.041	2.839	1.685	657	514	0.700	0.827	
Received DPT immunization	-	0.771	0.034	0.044	3.296	1.816	664	515	0.704	0.838	
Received measles immunization	-	0.758	0.032	0.042	2.833	1.683	666	518	0.695	0.821	
Received Hepatitis B immunization	-	0.775	0.032	0.041	2.998	1.732	657	511	0.711	0.839	
Diarrhoea in the previous 2 weeks	-	0.209	0.018	0.086	5.052	2.248	3196	2572	0.173	0.245	
Illness with a cough in the previous 2 weeks	-	0.101	0.012	0.122	4.278	2.068	3196	2572	0.076	0.125	
Oral rehydration therapy with continued feeding	3.8	0.309	0.035	0.113	2.519	1.587	669	444	0.239	0.379	
Antibiotic treatment of suspected pneumonia	3.1	0.684	0.036	0.053	1.093	1.046	322	180	0.611	0.757	
Support for learning	6.1	0.510	0.026	0.050	2.681	1.637	1198	1019	0.459	0.562	
Attendance to early childhood education	6.7	0.036	0.013	0.368	5.129	2.265	1198	1019	0.009	0.062	
Birth registration	8.1	0.993	0.003	0.003	3.035	1.742	3196	2572	0.988	0.999	

Appendix D. Data Quality Tables

Table DQ.1: Age distribution of household population

Single-year age distribution of household population by sex, Iraq, 2011

	Males		Females		Number	Percent	Males		Females	
	Number	Percent	Number	Percent			Number	Percent	Number	Percent
0	3681	3.2	3600	3.2	43	0.9	1040	0.9	1077	0.9
1	3675	3.2	3458	3.0	44	0.9	1037	0.9	1018	0.9
2	3709	3.2	3373	3.0	45	0.8	908	0.8	927	0.8
3	3484	3.0	3304	2.9	46	0.8	897	0.8	1004	0.9
4	3211	2.8	3111	2.7	47	0.7	850	0.7	852	0.7
5	3484	3.0	3288	2.9	48	0.7	810	0.7	816	0.7
6	3439	3.0	3326	2.9	49	0.5	632	0.5	556	0.5
7	3197	2.7	2921	2.6	50	0.5	609	0.5	989	0.9
8	3032	2.6	2897	2.5	51	0.4	447	0.4	763	0.7
9	3161	2.7	2951	2.6	52	0.3	398	0.3	543	0.5
10	3036	2.6	2958	2.6	53	0.6	704	0.6	846	0.7
11	3075	2.6	2786	2.4	54	0.6	726	0.6	622	0.5
12	2706	2.3	2648	2.3	55	0.6	648	0.6	840	0.7
13	2834	2.4	2630	2.3	56	0.5	629	0.5	811	0.7
14	2721	2.3	2723	2.4	57	0.5	639	0.5	673	0.6
15	2699	2.3	2356	2.1	58	0.5	566	0.5	639	0.6
16	2610	2.2	2557	2.2	59	0.4	470	0.4	518	0.5
17	2505	2.1	2513	2.2	60	0.5	604	0.5	645	0.6
18	2550	2.2	2411	2.1	61	0.3	371	0.3	452	0.4
19	2375	2.0	2147	1.9	62	0.3	316	0.3	273	0.2
20	2651	2.3	2266	2.0	63	0.3	392	0.3	446	0.4
21	2439	2.1	2301	2.0	64	0.2	256	0.2	235	0.2
22	2135	1.8	1985	1.7	65	0.3	372	0.3	399	0.3
23	2041	1.8	1837	1.6	66	0.2	274	0.2	224	0.2
24	1973	1.7	1777	1.6	67	0.3	332	0.3	246	0.2
25	1946	1.7	1920	1.7	68	0.3	307	0.3	269	0.2
26	1761	1.5	1697	1.5	69	0.1	172	0.1	148	0.1
27	1778	1.5	1689	1.5	70	0.2	219	0.2	317	0.3
28	1785	1.5	1696	1.5	71	0.2	208	0.2	163	0.1
29	1626	1.4	1507	1.3	72	0.1	126	0.1	120	0.1
30	1704	1.5	1551	1.4	73	0.1	160	0.1	295	0.3
31	1587	1.4	1588	1.4	74	0.1	82	0.1	58	0.1
32	1463	1.3	1597	1.4	75	0.1	104	0.1	156	0.1
33	1437	1.2	1480	1.3	76	0.1	127	0.1	86	0.1
34	1427	1.2	1456	1.3	77	0.1	99	0.1	76	0.1
35	1328	1.1	1451	1.3	78	0.1	143	0.1	261	0.2
36	1261	1.1	1415	1.2	79	0.1	71	0.1	39	0.0
37	1371	1.2	1359	1.2	80+	0.5	619	0.5	782	0.7
38	1370	1.2	1434	1.3						
39	1276	1.1	1388	1.2	DK/Missing		13	0.0	7	0.0
40	1300	1.1	1275	1.1						
41	1199	1.0	1297	1.1						
42	1127	1.0	1091	1.0	Total			100.0		100.0

Table DQ.2: Age distribution of eligible and interviewed women

Household population of women age 10-54, interviewed women age 15-49, and percentage of eligible women who were interviewed, by five-year age groups, Iraq, 2011

	Household population of women age 10-54 years	Interviewed women age 15-49 years		Percentage of eligible women interviewed (Completion rate)
	Number	Number	Percent	
Age				
10-14	13745	na	na	na
15-19	11984	11689	21.5	97.5
20-24	10166	9927	18.3	97.6
25-29	8509	8377	15.4	98.4
30-34	7671	7577	14.0	98.8
35-39	7046	6963	12.8	98.8
40-44	5758	5685	10.5	98.7
45-49	4154	4068	7.5	97.9
50-54	3763	na	na	na
Total (15-49)	55288	54286	100.0	98.2
Ratio of 50-54 to 45-49	0.91			

Table DQ.3: Age distribution of under-5s in household and under-5 questionnaires

Household population of children age 0-7, children age 0-4 whose mothers/caretakers were interviewed, and percentage of under-5 children whose mothers/caretakers were interviewed, by single ages, Iraq, 2011

	Household population of children 0-7 years	Interviewed under-5 children		Percentage of eligible under-5s interviewed (Completion rate)
	Number	Number	Percent	
Age				
0	7281	7224	21.0	99.2
1	7133	7089	20.6	99.4
2	7083	7041	20.5	99.4
3	6789	6741	19.6	99.3
4	6322	6281	18.3	99.4
5	6772	na	na	na
6	6765	na	na	na
7	6119	na	na	na
Total (0-4)	34607	34375	100.0	99.3
Ratio of 5 to 4	1.07			

Table DQ.4: Women's completion rates by socio-economic characteristics of households

Household population of women age 15-49, interviewed women age 15-49, and percentage of eligible women who were interviewed, by selected social and economic characteristics of the household, Iraq, 2011

	Household population of women age 15-49 years		Interviewed women age 15-49 years		Percent of eligible women interviewed (Completion rates)
	Number	Percent	Number	Percent	
Governorates					
Dohuk	2199	4.0	2143	3.9	97.5
Ninewa	4782	8.6	4761	8.8	99.6
Suleimaniya	3736	6.8	3570	6.6	95.6
Kirkuk	2365	4.3	2335	4.3	98.7
Erbil	3214	5.8	3063	5.6	95.3
Diyala	2300	4.2	2256	4.2	98.1
Al-Anbar	2384	4.3	2340	4.3	98.2
Baghdad	11163	20.2	11047	20.3	99.0
Babil	3101	5.6	3066	5.6	98.9
Karbala	1772	3.2	1743	3.2	98.4
Wasit	1848	3.3	1826	3.4	98.8
Salahaddin	2335	4.2	2304	4.2	98.6
Al-Najaf	2181	3.9	2165	4.0	99.2
Al-Qadisiya	1916	3.5	1884	3.5	98.3
Al-Muthanna	1142	2.1	1140	2.1	99.8
Thi-Qar	3109	5.6	3064	5.6	98.5
Missan	1555	2.8	1515	2.8	97.4
Basrah	4186	7.6	4065	7.5	97.1
Area					
Urban	39718	71.8	38960	71.8	98.1
Rural	15570	28.2	15326	28.2	98.4
Household size					
1-3	23230	42.0	3775	7.0	98.2
4-6	15505	28.0	18130	33.4	98.5
7+	16553	29.9	32381	59.6	98.0
Education of household head					
None	11244	20.3	10962	20.2	97.5
Primary	17808	32.2	17518	32.3	98.4
Secondary +	25641	46.4	25227	46.5	98.4
Non-standard curriculum	571	1.0	556	1.0	97.4
Missing/DK	24	0.0	23	0.0	96.2
Wealth index quintiles					
Poorest	10111	18.3	9912	18.3	98.0
Second	10581	19.1	10400	19.2	98.3
Middle	11129	20.1	10952	20.2	98.4
Fourth	11428	20.7	11184	20.6	97.9
Richest	12039	21.8	11838	21.8	98.3
Total	55288	100.0	54286	100.0	98.2

Table DQ.5: Completion rates for under-5 questionnaires by socio-economic characteristics of households

Household population of under-5 children, under-5 questionnaires completed, and percentage of under-5 children for whom interviews were completed, by selected socio-economic characteristics of the household, Iraq, 2011

	Household population of under-5 children		Interviewed under-5 children		Percent of eligible under-5s with completed under-5 questionnaires (Completion rates)
	Number	Percent	Number	Percent	
Governorates					
Dohuk	1276	3.7	1258	3.7	98.6
Ninewa	3356	9.7	3352	9.8	99.9
Suleimaniya	1433	4.1	1416	4.1	98.8
Kirkuk	1467	4.2	1467	4.3	100.0
Erbil	1604	4.6	1587	4.6	99.0
Diyala	1350	3.9	1330	3.9	98.5
Al-Anbar	1561	4.5	1540	4.5	98.7
Baghdad	6280	18.1	6257	18.2	99.6
Babil	2115	6.1	2107	6.1	99.6
Karbala	1176	3.4	1173	3.4	99.7
Wasit	1234	3.6	1214	3.5	98.3
Salahaddin	1641	4.7	1631	4.7	99.4
Al-Najaf	1458	4.2	1458	4.2	100.0
Al-Qadisiya	1327	3.8	1321	3.8	99.5
Al-Muthanna	872	2.5	872	2.5	100.0
Thi-Qar	2163	6.3	2155	6.3	99.6
Missan	1249	3.6	1240	3.6	99.3
Basrah	3046	8.8	2999	8.7	98.4
Area					
Urban	23019	66.5	22866	66.5	99.3
Rural	11588	33.5	11510	33.5	99.3
Household size					
1-3	1431	4.1	1181	3.4	98.7
4-6	14524	42.0	13211	38.4	99.4
7+	18652	53.9	19984	58.1	99.3
Education of household head					
None	6185	17.9	6133	17.8	99.2
Primary	12682	36.6	12614	36.7	99.5
Secondary +	15455	44.7	15348	44.6	99.3
Non-standard curriculum	279	0.8	273	0.8	97.9
Missing/DK	7	0.0	7	0.0	100.0
Wealth index quintiles					
Poorest	8413	24.3	8357	24.3	99.3
Second	7704	22.3	7666	22.3	99.5
Middle	7085	20.5	7043	20.5	99.4
Fourth	6252	18.1	6199	18.0	99.1
Richest	5153	14.9	5111	14.9	99.2
Total	34607	100.0	34375	100.0	99.3

Table DQ.6: Completeness of reporting

Percentage of observations that are missing information for selected questions and indicators, Iraq, 2011

Questionnaire and type of missing information	Reference group	Percent with missing/incomplete information*	Number of cases
Household			
Age	All household members	0.0	230755
Salt test result	All households interviewed that have salt	0.0	35701
Starting time of interview	All households interviewed	0.0	35701
Ending time of interview	All households interviewed	0.0	35701
Women			
Woman's date of birth	All women age 15-49		
Only month		0.4	55194
Both month and year		0.0	55194
Date of first birth	All women age 15-49 with at least one live birth		
Only month		1.8	32624
Both month and year		0.2	32624
Completed years since first birth	All women age 15-49 with at least one live birth with year of first birth unknown	3.0	61
Date of last birth	All women age 15-49 with a live birth in last 2 years		
Only month		0.0	32624
Both month and year		0.0	32624
Date of first marriage	All ever married women age 15-49		
Only month		16.8	37022
Both month and year		6.6	37022
Age at first marriage	All ever married women age 15-49 with year of first marriage not known	0.0	37022
Starting time of interview	All women interviewed	0.0	55194
Ending time of interview	All women interviewed	0.0	55194
Under-5			
Date of birth	All under-5 children		
Only month		0.0	36307
Both month and year		0.0	36307
Anthropometric measurements	All under-5 children		
Weight		1.8	36307
Height		1.8	36307
Both weight and height		1.7	36307
Starting time of interview	All under-5 children	0.0	36307
Ending time of interview	All under-5 children	0.0	36307

* Includes "Don't know" responses

Table DQ.7: Completeness of information for anthropometric indicators

Distribution of children under 5 by completeness of information for anthropometric indicators, Iraq, 2011

		Reason for exclusion from analysis																	
		Valid weight and date of birth		Weight not measured		Incomplete date of birth		Weight not measured, incomplete date of birth		Flagged cases (outliers)		Total		Percent of children excluded from analysis		Number of children under 5			
Weight by age																			
<6 months	98.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	100.0	0.2	3882	3882				
6-11 months	98.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	100.0	0.3	3757	3757					
12-23 months	98.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	100.0	0.2	7411	7411						
24-35 months	98.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2	7354	7354						
36-47 months	98.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1	7254	7254						
48-59 months	97.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1	6649	6649						
Total	98.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	100.0	0.2	36307	36307						
		Reason for exclusion from analysis								Flagged cases (outliers)		Total		Percent of children excluded from analysis		Number of children under 5			
		Valid height and date of birth		Height not measured		Incomplete date of birth		Height not measured, incomplete date of birth		Flagged cases (outliers)		Total							
Height by age																			
<6 months	97.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	100.0	1.3	3882	3882					
6-11 months	97.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	100.0	1.1	3757	3757						
12-23 months	97.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	100.0	0.9	7411	7411						
24-35 months	97.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	100.0	0.6	7354	7354						
36-47 months	97.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	100.0	0.3	7254	7254						
48-59 months	97.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	100.0	0.2	6649	6649						
Total	97.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	100.0	0.6	36307	36307						
		Reason for exclusion from analysis								Weight and height not measured, incomplete date of birth		Flagged cases (outliers)		Total		Percent of children excluded from analysis		Number of children under 5	
		Valid weight and height		Weight not measured		Height not measured		Incomplete date of birth		Weight not measured, incomplete date of birth		Flagged cases (outliers)		Total					
Weight by height																			
<6 months	95.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	3.4	3882	3882				
6-11 months	98.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	100.0	0.6	3757	3757						
12-23 months	97.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	100.0	0.6	7411	7411						
24-35 months	97.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	100.0	0.9	7354	7354						
36-47 months	97.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	100.0	0.8	7254	7254						
48-59 months	97.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	100.0	0.8	6649	6649						
Total	97.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	100.0	1.0	36307	36307						

Table DQ.8: Heaping in anthropometric measurements

Distribution of weight and height/length measurements by digits reported for decimals, Iraq, 2011

Digits	Weight		Height	
	Number	Percent	Number	Percent
0	6617	18.6	20193	56.6
1	2964	8.3	1884	5.3
2	4115	11.5	2986	8.4
3	3342	9.4	1951	5.5
4	2842	8.0	1180	3.3
5	4600	12.9	4096	11.5
6	2840	8.0	994	2.8
7	2812	7.9	859	2.4
8	2899	8.1	792	2.2
9	2640	7.4	772	2.2
0 or 5	11217	31.4	24289	68.0
Total	35671	100.0	35707	100.0

Table DQ.9: Observation of places for hand washing

Percentage of places for handwashing observed by the interviewer in all interviewed households, Iraq, 2011

	Place for handwashing					Number of households interviewed
	Observed	Not in the dwelling, plot or yard	No permission to see	Other	Total	
Governorates						
Dohuk	87.5	8.6	0.0	3.9	100.0	2090
Ninewa	92.8	7.2	0.0	0.0	100.0	2139
Suleimaniya	99.2	0.5	0.0	0.3	100.0	4717
Kirkuk	100.0	0.0	0.0	0.0	100.0	1227
Erbil	94.9	4.7	0.3	0.0	100.0	2910
Diyala	85.3	8.1	2.8	3.8	100.0	1825
Al-Anbar	96.1	1.4	1.6	0.9	100.0	2430
Baghdad	99.7	0.1	0.1	0.1	100.0	3019
Babil	87.9	12.0	0.1	0.0	100.0	1228
Karbala	99.9	0.1	0.0	0.0	100.0	924
Wasit	89.8	9.3	0.1	0.8	100.0	1822
Salahaddin	87.4	10.6	0.0	1.9	100.0	2450
Al-Najaf	98.9	0.7	0.4	0.0	100.0	919
Al-Qadisiya	91.3	7.2	0.3	1.1	100.0	1224
Al-Muthanna	77.8	22.0	0.0	0.2	100.0	1234
Thi-Qar	84.8	12.4	1.2	1.6	100.0	1545
Missan	85.3	14.4	0.2	0.1	100.0	1843
Basrah	89.6	0.6	0.8	9.0	100.0	2155
Area						
Urban	96.0	2.3	0.4	1.3	100.0	21406
Rural	86.8	11.2	0.5	1.5	100.0	14295

Table DQ.9: Observation of places for hand washing

Percentage of places for handwashing observed by the interviewer in all interviewed households, Iraq, 2011

	Place for handwashing					Number of households interviewed	
	Not observed						
	Observed	Not in the dwelling, plot or yard	No permission to see	Other	Total		
Wealth index quintiles							
Poorest	83.1	14.0	0.6	2.2	100.0	10834	
Second	93.4	4.5	0.4	1.7	100.0	8213	
Middle	96.2	2.2	0.5	1.1	100.0	6685	
Fourth	98.4	0.8	0.2	0.5	100.0	5456	
Richest	99.4	0.2	0.3	0.2	100.0	4513	
Total	92.3	5.9	0.4	1.4	100.0	35701	

Table DQ.10: Observation of women's health cards

Percent distribution of women with a live birth in the last 2 years by presence of a health card, and the percentage of health cards seen by the interviewers, Iraq, 2011

	Woman has health card					Percent of health cards seen by the interviewer (1)/(1+2)*100	Number of women with a live birth in the last two years
	Woman does not have health card	Seen by the interviewer (1)	Not seen by the interviewer (2)	Missing/DK	Total		
Governorates							
Dohuk	46.8	25.0	27.7	0.5	100.0	47.5	819
Ninewa	70.6	13.5	14.5	1.4	100.0	48.1	1048
Suleimaniya	20.0	52.5	27.2	0.3	100.0	65.9	971
Kirkuk	63.2	20.4	16.3	0.0	100.0	55.6	514
Erbil	60.4	10.6	28.1	0.9	100.0	27.4	783
Diyala	50.3	22.0	27.0	0.6	100.0	44.9	640
Al-Anbar	60.6	17.2	22.0	0.3	100.0	43.9	1088
Baghdad	40.0	21.6	37.3	1.0	100.0	36.7	975
Babil	49.3	13.6	37.2	0.0	100.0	26.7	538
Karbala	28.6	45.9	25.2	0.3	100.0	64.6	381
Wasit	59.0	14.7	25.9	0.4	100.0	36.2	761
Salahaddin	70.2	11.4	18.1	0.3	100.0	38.7	1156
Al-Najaf	41.7	24.7	33.6	0.0	100.0	42.4	384
Al-Qadisiya	53.6	13.7	32.4	0.3	100.0	29.7	629
Al-Muthanna	62.9	10.7	26.2	0.2	100.0	29.1	661
Thi-Qar	60.0	14.1	25.7	0.1	100.0	35.4	738
Missan	44.3	14.2	41.4	0.1	100.0	25.6	948
Basrah	38.8	22.1	38.3	0.8	100.0	36.6	960
Area							
Urban	40.8	25.0	33.6	0.5	100.0	42.7	7778
Rural	65.8	13.4	20.4	0.5	100.0	39.6	6216

Table DQ.10: Observation of women's health cards

Percent distribution of women with a live birth in the last 2 years by presence of a health card, and the percentage of health cards seen by the interviewers, Iraq, 2011

	Woman has health card				Total	Percent of health cards seen by the interviewer (1)/(1+2)*100	Number of women with a live birth in the last two years
	Woman does not have health card	Seen by the interviewer (1)	Not seen by the interviewer (2)	Missing/DK			
Wealth index quintiles							
Poorest	68.3	11.3	19.6	0.7	100.0	36.5	4587
Second	50.7	22.7	26.2	0.4	100.0	46.4	3263
Middle	42.7	24.1	32.8	0.4	100.0	42.4	2641
Fourth	40.5	23.3	36.0	0.2	100.0	39.3	2020
Richest	35.9	27.8	35.9	0.4	100.0	43.6	1483
Total	51.9	19.9	27.7	0.5	100.0	41.7	13994

Table DQ.11: Observation of under-5s birth certificates

Percent distribution of children under 5 by presence of birth certificates, and percentage of birth calendar seen, Iraq, 2011

	Child has birth certificate				Total	Percent of birth certificates seen by the interviewer (1)/(1+2)*100	Number of children under age 5
	Child does not have birth certificate	Seen by the interviewer (1)	Not seen by the interviewer (2)	Don't know/Missing			
Governorates							
Dohuk	1.0	96.7	2.3	0.0	100.0	97.7	2191
Ninewa	4.3	83.8	11.9	0.0	100.0	87.6	2646
Suleimaniya	1.1	93.8	5.0	0.0	100.0	94.9	2578
Kirkuk	2.6	80.8	16.6	0.1	100.0	83.0	1358
Erbil	1.2	65.9	32.9	0.0	100.0	66.7	2060
Diyala	1.9	76.0	22.1	0.1	100.0	77.5	1627
Al-Anbar	1.0	85.1	13.9	0.0	100.0	86.0	2825
Baghdad	3.7	75.9	20.5	0.0	100.0	78.8	2507
Babil	3.2	91.6	5.2	0.1	100.0	94.6	1388
Karbala	2.5	91.7	5.8	0.0	100.0	94.1	950
Wasit	3.6	89.4	6.9	0.1	100.0	92.9	1982
Salahaddin	4.0	77.6	18.4	0.0	100.0	80.8	2909
Al-Najaf	3.2	88.3	8.6	0.0	100.0	91.2	981
Al-Qadisiya	2.1	93.4	4.5	0.0	100.0	95.4	1594
Al-Muthanna	2.2	70.9	26.9	0.0	100.0	72.5	1754
Thi-Qar	1.1	93.7	5.2	0.0	100.0	94.8	1932
Missan	4.6	91.4	4.0	0.0	100.0	95.8	2453
Basrah	1.7	95.2	3.1	0.0	100.0	96.9	2572
Area							
Urban	2.1	87.5	10.5	0.0	100.0	89.3	19653
Rural	3.0	83.1	13.9	0.0	100.0	85.7	16654
Child's age							
0	7.3	79.3	13.4	0.1	100.0	85.6	7585
1	1.8	86.4	11.8	0.0	100.0	87.9	7405
2	1.3	87.3	11.4	0.0	100.0	88.5	7350
3	1.1	86.8	12.1	0.0	100.0	87.8	7272
4	0.9	87.7	11.4	0.0	100.0	88.5	6695
Total	2.5	85.4	12.0	0.0	100.0	87.7	36307

Table DQ.12: Observation of vaccination cards

Percent distribution of children under 5 by presence of a vaccination card, and the percentage of vaccination cards seen by the interviewers, Iraq, 2011

	Child does not have vaccination card		Child has vaccination card				Percent of vaccination cards seen by the interviewer (1)/(1+2)*100	Number of children under age 5
	Had vaccination card previously	Never had vaccination card	Seen by the interviewer (1)	Not seen by the interviewer (2)	Don't know/Missing	Total		
Governorates								
Dohuk	4.2	1.6	80.7	13.4	0.0	100.0	85.7	2191
Ninewa	13.8	17.3	55.3	13.6	0.0	100.0	80.3	2646
Suleimaniya	4.2	3.9	77.5	14.4	0.0	100.0	84.3	2578
Kirkuk	10.9	10.1	55.9	23.1	0.0	100.0	70.7	1358
Erbil	3.7	11.7	65.1	19.5	0.0	100.0	77.0	2060
Diyala	8.4	11.7	66.6	13.2	0.0	100.0	83.4	1627
Al-Anbar	9.8	14.4	43.4	32.4	0.0	100.0	57.3	2825
Baghdad	9.4	12.4	53.9	24.3	0.0	100.0	69.0	2507
Babil	15.6	15.6	54.3	14.5	0.0	100.0	79.0	1388
Karbala	9.5	8.3	66.8	15.4	0.0	100.0	81.3	950
Wasit	17.3	11.0	51.0	20.6	0.0	100.0	71.2	1982
Salahaddin	11.2	20.6	40.3	27.8	0.0	100.0	59.2	2909
Al-Najaf	5.9	16.4	55.8	21.9	0.0	100.0	71.8	981
Al-Qadisiya	14.7	13.3	54.1	17.8	0.0	100.0	75.2	1594
Al-Muthanna	9.4	15.7	52.9	22.0	0.0	100.0	70.6	1754
Thi-Qar	8.7	11.5	55.0	24.7	0.0	100.0	69.0	1932
Missan	5.8	5.6	68.3	20.3	0.0	100.0	77.1	2453
Basrah	4.2	9.0	77.5	9.3	0.0	100.0	89.3	2572
Area								
Urban	7.4	8.1	65.1	19.5	0.0	100.0	76.9	19653
Rural	11.1	15.9	53.1	19.9	0.0	100.0	72.8	16654
Child's age								
0	2.8	14.4	73.5	9.3	0.0	100.0	88.8	7585
1	6.1	9.4	69.2	15.3	0.0	100.0	81.9	7405
2	8.8	10.2	59.8	21.1	0.0	100.0	73.9	7350
3	13.0	11.6	49.8	25.5	0.0	100.0	66.1	7272
4	15.4	12.8	43.6	28.3	0.0	100.0	60.6	6695
Total	9.1	11.7	59.6	19.7	0.0	100.0	75.2	36307

Table DQ.13: Presence of mother in the household and the person interviewed for the under-5 questionnaire

Distribution of children under five by whether the mother lives in the same household, and the person interviewed for the under-5 questionnaire, Iraq, 2011

	Mother in the household		Mother not in the household			Total	Number of children under 5
	Mother interviewed	Father interviewed	Other adult female interviewed	Other adult male interviewed	Other person interviewed		
Age							
0	99.5	0.0	0.5	0.0	0.0	100.0	7281
1	99.5	0.0	0.5	0.0	0.0	100.0	7133
2	99.4	0.0	0.6	0.0	0.0	100.0	7083
3	99.3	0.0	0.6	0.0	0.0	100.0	6789
4	99.0	0.0	0.9	0.0	0.0	100.0	6322
Total	99.4	0.0	0.6	0.0	0.0	100.0	34607

Table DQ.14: Selection of children age 2-14 years for the child discipline module

Percent of households with at least two children age 2-14 years where correct selection of one child for the child discipline module was performed, Iraq, 2011

	Percent of households where correct selection was performed	Number of households with 2 or more children age 2-14 years
Governorates		
Dohuk	99.1	1363
Ninewa	96.5	1465
Suleimaniya	99.4	2225
Kirkuk	95.5	696
Erbil	99.5	1542
Diyala	96.5	1118
Al-Anbar	92.7	1665
Baghdad	94.3	1757
Babil	96.6	827
Karbala	96.0	598
Wasit	94.2	1252
Salahaddin	92.9	1656
Al-Najaf	96.8	624
Al-Qadisiya	95.7	880
Al-Muthanna	94.0	900
Thi-Qar	93.2	1170
Missan	92.0	1358
Basrah	95.0	1547
Area		
Urban	96.2	12766
Rural	94.8	9877
Number of children age 2-14 years		
2	97.7	6637
3	97.1	5990
4	96.6	4600
5+	90.6	5416
Total	95.6	22643

Table DQ.15: School attendance by single age

Distribution of household population age 5-24 by educational level and educational level and grade attended in the current (or most recent) school year, Iraq, 2011

Age at beginning of school year	Not attending school	Currently attending						Missing/DK	Number of household members		
		Primary school Grade			Intermediate Grade		Higher Studies				
		1	2	3	4	5	6				
5	67.6	3.6	28.3	0.4	0.0	0.0	0.0	0.0	0.0	100.0	
6	14.2	0.1	61.5	22.9	1.3	0.0	0.0	0.0	0.0	100.0	
7	7.1	0.0	13.5	56.4	22.1	0.9	0.0	0.0	0.0	100.0	
8	6.1	0.0	3.9	17.3	48.6	23.2	0.9	0.0	0.0	100.0	
9	7.3	0.0	1.5	7.7	17.6	46.8	18.3	0.7	0.0	100.0	
10	9.7	0.0	0.5	2.8	9.9	20.5	42.6	13.6	0.0	100.0	
11	14.2	0.0	0.4	0.9	4.4	11.6	22.9	33.6	0.0	100.0	
12	19.7	0.0	0.4	0.2	2.0	5.6	13.1	18.6	0.0	100.0	
13	25.9	0.0	0.1	0.2	0.5	2.5	7.5	12.0	0.0	100.0	
14	34.0	0.0	0.3	0.2	0.1	0.8	3.4	6.5	0.0	100.0	
15	42.2	0.0	0.0	0.1	0.3	1.0	2.7	0.0	6.7	100.0	
16	50.9	0.0	0.0	0.0	0.2	0.4	0.8	0.0	2.5	100.0	
17	55.6	0.0	0.0	0.0	0.1	0.1	0.3	0.0	1.4	100.0	
18	58.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	1.0	100.0	
19	65.7	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.3	100.0	
20	70.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	100.0	
21	74.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.4	100.0	
22	83.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	100.0	
23	86.5	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	100.0	
24	93.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	100.0	

Table DQ.16: Sex ratio at birth among children ever born and living

Sex ratio (number of males per 100 females) among children ever born (at birth), children living, and deceased children, by age of women, Iraq, 2011

Age	Children Ever Born				Children Living				Children Deceased			
	Number of sons ever born	Number of daughters ever born	Sex ratio at birth	Number of sons living	Number of daughters living	Sex ratio	Number of deceased sons	Number of deceased daughters	Sex ratio	Number of women		
15-19	920	823	1.1	893	802	1.1	27	21	1.3	12373		
20-24	4624	4413	1.0	4426	4276	1.0	198	137	1.4	10477		
25-29	9501	8968	1.1	9117	8627	1.1	384	341	1.1	8826		
30-34	12793	12060	1.1	12211	11604	1.1	582	456	1.3	7636		
35-39	15960	14994	1.1	15142	14314	1.1	818	680	1.2	6990		
40-44	14757	14140	1.0	13877	13416	1.0	880	724	1.2	5441		
45-49	11720	11205	1.0	10847	10548	1.0	873	657	1.3	3881		
Total	70275	66603	1.1	66513	63587	1.1	3762	3016	1.3	55194		

Appendix E. MICS4 Indicators: Numerators and Denominators

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
1. MORTALITY				
1.1 Under-five mortality rate ³	CM - BH	Probability of dying by exact age 5 years		MDG 4.1
1.2 Infant mortality rate ⁴	CM - BH	Probability of dying by exact age 1 year		MDG 4.2
1.3 Neonatal mortality rate	BH	Probability of dying within the first month of life, during the 5-year period preceding the survey		
1.4 Post-neonatal mortality rate	BH	Difference between infant and neonatal mortality rates, during the 5-year period preceding the survey		
1.5 Child mortality rate	BH	Probability of dying between exact ages one and five, during the 5-year period preceding the survey		
2. NUTRITION				
2.1a Underweight prevalence	AN	Number of children under age 5 who (a) fall below minus two standard deviations (moderate and severe) (b) fall below minus three standard deviations (severe)	Total number of children under age 5	MDG 1.8
2.1b		from the median weight for age of the WHO standard		

¹ Some indicators are constructed by using questions in several modules. In such cases, only the module(s) which contains most of the necessary information is indicated.

² MDG indicators as of February 2010

³ Indicator is defined as "Probability of dying between birth and fifth birthday, during the 5-year period preceding the survey" when estimated from the birth history

⁴ Indicator is defined as "Probability of dying between birth and the first birthday, during the 5-year period preceding the survey" when estimated from the birth history

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
2.2a	Stunting prevalence	AN	Number of children under age 5 who (a) fall below minus two standard deviations (moderate and severe) (b) fall below minus three standard deviations (severe)	Total number of children under age 5
2.2b			from the median height for age of the WHO standard	
2.3a	Wasting prevalence	AN	Number of children under age 5 who (a) fall below minus two standard deviations (moderate and severe) (b) fall below minus three standard deviations (severe)	Total number of children under age 5
2.3b			from the median weight for height of the WHO standard	
2.4	Children ever breastfed	MN	Number of women with a live birth in the 2 years preceding the survey who breastfed the child at any time	Total number of women with a live birth in the 2 years preceding the survey
2.5	Early initiation of breastfeeding	MN	Number of women with a live birth in the 2 years preceding the survey who put the newborn infant to the breast within 1 hour of birth	Total number of women with a live birth in the 2 years preceding the survey
2.6	Exclusive breastfeeding under 6 months	BF	Number of infants under 6 months of age who are exclusively breastfed ³	Total number of infants under 6 months of age
2.7	Continued breastfeeding at 1 year	BF	Number of children age 12-15 months who are currently breastfeeding	Total number of children age 12-15 months
2.8	Continued breastfeeding at 2 years	BF	Number of children age 20-23 months who are currently breastfeeding	Total number of children age 20-23 months
2.9	Predominant breastfeeding under 6 months	BF	Number of infants under 6 months of age who received breast milk as the predominant source of nourishment ⁶ during the previous day	Total number of infants under 6 months of age
2.10	Duration of breastfeeding	BF	The age in months when 50 percent of children age 0-35 months did not receive breast milk during the previous day	
2.11	Bottle feeding	BF	Number of children age 0-23 months who were fed with a bottle during the previous day	Total number of children age 0-23 months

5 Infants receiving breast milk, and not receiving any other fluids or foods, with the exception of oral rehydration solution, vitamins, mineral supplements and medicines

6 Infants who receive breast milk and certain fluids (water and water-based drinks, fruit juice, ritual fluids, oral rehydration solution, drops, vitamins, minerals, and medicines), but do not receive anything else (in particular, non-human milk and food-based fluids)

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
2.12 Introduction of solid, semi-solid or soft foods	BF	Number of infants age 6-8 months who received solid, semi-solid or soft foods during the previous day	Total number of infants age 6-8 months	
2.13 Minimum meal frequency	BF	Number of children age 6-23 months receiving solid, semi-solid and soft foods (plus milk feeds for non-breastfed children) the minimum times ⁷ or more, according to breastfeeding status, during the previous day	Total number of children age 6-23 months	
2.14 Age-appropriate breastfeeding	BF	Number of children age 0-23 months appropriately fed ⁸ during the previous day	Total number of children age 0-23 months	
2.15 Milk feeding frequency for non-breastfed children	BF	Number of non-breastfed children age 6-23 months who received at least 2 milk feedings during the previous day	Total number of non-breastfed children age 6-23 months	
2.16 Iodized salt consumption	SI	Number of households with salt testing 15 parts per million or more of iodide/sodate	Total number of households in which salt was tested or with no salt	
2.18 Low birthweight infants	MN	Number of last live births in the 2 years preceding the survey weighing below 2,500 grams at birth	Total number of last live births in the 2 years preceding the survey	
2.19 Infants weighed at birth	MN	Number of last live births in the 2 years preceding the survey who were weighed at birth	Total number of last live births in the 2 years preceding the survey	
3. CHILD HEALTH				
3.1 Tuberculosis immunization coverage	IM	Number of children age 12-23 months ⁹ who received BCG vaccine before their first birthday	Total number of children age 12-23 months	
3.2 Polio immunization coverage	IM	Number of children age 12-23 months who received OPV3 vaccine before their first birthday	Total number of children age 12-23 months	
3.3 Immunization coverage for diphtheria, pertussis and tetanus (DPT)	IM	Number of children age 12-23 months who received DPT3 vaccine before their first birthday	Total number of children age 12-23 months	

⁷ Breastfeeding children: Solid, semi-solid, or soft foods, two times for infants age 6-8 months, 3 times for children 9-23 months; Non-breastfeeding children: Solid, semi-solid, or soft foods, or milk feeds, four times for children age 6-23 months

⁸ Infants age 0-5 who are exclusively breastfed, and children age 6-23 months who are breastfed and ate solid, semi-solid or soft foods

⁹ Indicators 3.1, 3.2, 3.3, 3.4, 3.5 and 3.6 may be calculated for an older age group, such as 15-26 months or 18-29 months, depending on the immunization schedule

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
3.4 Measles immunization coverage	IM	Number of children age 12-23 months who received measles vaccine before their first birthday	Total number of children age 12-23 months	MDG 4.3
3.5 Hepatitis B immunization coverage	IM	Number of children age 12-23 months who received the third dose of Hepatitis B vaccine before their first birthday	Total number of children age 12-23 months	
3.7 Neonatal tetanus protection	MN	Number of women age 15-49 years with a live birth in the 2 years preceding the survey who were given at least two doses of tetanus toxoid vaccine within the appropriate interval ¹⁰ prior to giving birth	Total number of women age 15-49 years with a live birth in the 2 years preceding the survey	
3.8 Oral rehydration therapy with continued feeding	CA	Number of children under age 5 with diarrhoea in the previous 2 weeks who received ORT (ORS packet or recommended homemade fluid or increased fluids) and continued feeding during the episode of diarrhoea	Total number of children under age 5 with diarrhoea in the previous 2 weeks	
3.9 Care-seeking for suspected pneumonia	CA	Number of children under age 5 with suspected pneumonia in the previous 2 weeks who were taken to an appropriate health provider	Total number of children under age 5 with suspected pneumonia in the previous 2 weeks	
3.10 Antibiotic treatment of suspected pneumonia	CA	Number of children under age 5 with suspected pneumonia in the previous 2 weeks who received antibiotics	Total number of children under age 5 with suspected pneumonia in the previous 2 weeks	
3.11 Solid fuels	HC	Number of household members in households that use solid fuels as the primary source of domestic energy to cook	Total number of household members	
4. WATER AND SANITATION				
4.1 Use of improved drinking water sources	WS	Number of household members using improved sources of drinking water	Total number of household members	MDG 7.8
4.2 Water treatment	WS	Number of household members using unimproved drinking water who use an appropriate treatment method	Total number of household members in households using unimproved drinking water sources	
4.3 Use of improved sanitation	WS	Number of household members using improved sanitation facilities which are not shared	Total number of household members	MDG 7.9
4.4 Safe disposal of child's faeces	CA	Number of children age 0-2 years whose (last) stools were disposed of safely	Total number of children age 0-2 years	

10 See MICS4 manual for a detailed description

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
4.5 Place for handwashing	HW	Number of households with a designated place for hand washing where water and soap are present	Total number of households	
4.6 Availability of soap	HW	Number of households with soap anywhere in the dwelling	Total number of households	
5. REPRODUCTIVE HEALTH				
5.1 Adolescent birth rate ¹¹	CM - BH	Age-specific fertility rate for women age 15-19 years for the one year period preceding the survey		MDG 5.4
5.2 Early childbearing	CM - BH	Number of women age 20-24 years who had at least one live birth before age 18	Total number of women age 20-24 years	
5.3 Contraceptive prevalence rate	CP	Number of women age 15-49 years currently married or in union who are using (or whose partner is using) a (modern or traditional) contraceptive method	Total number of women age 15-49 years who are currently married or in union	MDG 5.3
5.4 Unmet need ¹²	UN	Number of women age 15-49 years who are currently married or in union who are fecund and want to space their births or limit the number of children they have and who are not currently using contraception	Total number of women age 15-49 years who are currently married or in union	MDG 5.6
5.5a Antenatal care coverage	MN	Number of women age 15-49 years who were attended during pregnancy in the 2 years preceding the survey (a) at least once by skilled personnel (b) at least four times by any provider	Total number of women age 15-49 years with a live birth in the 2 years preceding the survey	MDG 5.5
5.5b Content of antenatal care	MN	Number of women age 15-49 years with a live birth in the 2 years preceding the survey who had their blood pressure measured and gave urine and blood samples during the last pregnancy	Total number of women age 15-49 years with a live birth in the 2 years preceding the survey	

¹¹ Indicator is defined as "Age-specific fertility rate for women age 15-19 years, for the 3-year period preceding the survey" when estimated from the birth history

¹² See MICS4 manual for a detailed description

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
5.7 Skilled attendant at delivery	MN	Number of women age 15-49 years with a live birth in the 2 years preceding the survey who were attended during childbirth by skilled health personnel	Total number of women age 15-49 years with a live birth in the 2 years preceding the survey	MDG 5.2
5.8 Institutional deliveries	MN	Number of women age 15-49 years with a live birth in the 2 years preceding the survey who delivered in a health facility	Total number of women age 15-49 years with a live birth in the 2 years preceding the survey	
5.9 Caesarean section	MN	Number of last live births in the 2 years preceding the survey who were delivered by caesarean section	Total number of last live births in the 2 years preceding the survey	
6. CHILD DEVELOPMENT				
6.1 Support for learning	EC	Number of children age 36-59 months with whom an adult has engaged in four or more activities to promote learning and school readiness in the past 3 days	Total number of children age 36-59 months	
6.2 Father's support for learning	EC	Number of children age 36-59 months whose father has engaged in one or more activities to promote learning and school readiness in the past 3 days	Total number of children age 36-59 months	
6.3 Learning materials: children's books	EC	Number of children under age 5 who have three or more children's books	Total number of children under age 5	
6.4 Learning materials: playthings	EC	Number of children under age 5 with two or more playthings	Total number of children under age 5	
6.5 Inadequate care	EC	Number of children under age 5 left alone or in the care of another child younger than 10 years of age for more than one hour at least once in the past week	Total number of children under age 5	
6.6 Early child development Index	EC	Number of children age 36-59 months who are developmentally on track in literacy-numeracy, physical, social-emotional, and learning domains	Total number of children age 36-59 months	
6.7 Attendance to early childhood education	EC	Number of children age 36-59 months who are attending an early childhood education programme	Total number of children age 36-59 months	

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
7. LITERACY AND EDUCATION				
7.1 Literacy rate among young women	WB	Number of women age 15-24 years who are able to read a short simple statement about everyday life or who attended secondary or higher education	Total number of women age 15-24 years	MDG 2.3
7.2 School readiness	ED	Number of children in first grade of primary school who attended pre-school during the previous school year	Total number of children attending the first grade of primary school	
7.3 Net intake rate in primary education	ED	Number of children of school-entry age who enter the first grade of primary school	Total number of children of school-entry age	
7.4 Primary school net attendance ratio (adjusted)	ED	Number of children of primary school age currently attending primary or secondary school	Total number of children of primary school age	MDG 2.1
7.5 Secondary school net attendance ratio (adjusted)	ED	Number of children of secondary school age currently attending secondary school or higher	Total number of children of secondary-school age	
7.6 Children reaching last grade of primary	ED	Proportion of children entering the first grade of primary school who eventually reach last grade		MDG 2.2
7.7 Primary completion rate	ED	Number of children (of any age) attending the last grade of primary school (excluding repeaters)	Total number of children of primary school completion age (age appropriate to final grade of primary school)	
7.8 Transition rate to secondary school	ED	Number of children attending the last grade of primary school during the previous school year who are in the first grade of secondary school during the current school year	Total number of children attending the last grade of primary school during the previous school year	
7.9 Gender parity index (primary school)	ED	Primary school net attendance ratio (adjusted) for girls	Primary school net attendance ratio (adjusted) for boys	MDG 3.1
7.10 Gender parity index (secondary school)	ED	Secondary school net attendance ratio (adjusted) for girls	Secondary school net attendance ratio (adjusted) for boys	
8. CHILD PROTECTION				
8.1 Birth registration	BR	Number of children under age 5 whose births are reported registered	Total number of children under age 5	
8.2 Child labour	CL	Number of children age 5-14 years who are involved in child labour	Total number of children age 5-14 years	

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
8.3 School attendance among child labourers	ED - CL	Number of children age 5-14 years who are involved in child labour and are currently attending school	Total number of children age 5-14 years involved in child labour	
8.4 Child labour among students	ED - CL	Number of children age 5-14 years who are involved in child labour and are currently attending school	Total number of children age 5-14 years attending school	
8.5 Violent discipline	CD	Number of children age 2-14 years who experienced psychological aggression or physical punishment during the past month	Total number of children age 2-14 years	
8.6 Marriage before age 15	MA	Number of women age 15-49 years who were first married or in union by the exact age of 15	Total number of women age 15-49 years	
8.7 Marriage before age 18	MA	Number of women age 20-49 years who were first married or in union by the exact age of 18	Total number of women age 20-49 years	
8.8 Young women age 15-19 years currently married or in union	MA	Number of women age 15-19 years who are currently married or in union	Total number of women age 15-19 years	
8.9 Polygamy	MA	Number of women age 15-49 years who are in a polygynous union	Total number of women age 15-49 years who are currently married or in union	
8.10a Spousal age difference	MA	Number of women currently married or in union whose spouse is 10 or more years older, (a) for women age 15-19 years, (b) for women age 20-24 years	Total number of women currently married or in union (a) age 15-19 years, (b) age 20-24 years	
8.11 Approval for female genital mutilation/cutting (FGM/C)	FG	Number of women age 15-49 years favouring the continuation of female genital mutilation/cutting (FGM/C)	Total number of women age 15-49 years who have heard of FGM/C	
8.12 Prevalence of female genital mutilation/cutting (FGM/C) among women	FG	Number of women age 15-49 years who report to have undergone any form of female genital mutilation/cutting (FGM/C)	Total number of women age 15-49 years	
8.14 Attitudes towards domestic violence	DV	Number of women who state that a husband/partner is justified in hitting or beating his wife in at least one of the following circumstances: (1) she goes out without telling him, (2) she neglects the children, (3) she argues with him, (4) she refuses sex with him, (5) she burns the food	Total number of women age 15-49 years	

MICS4 INDICATOR	Module ¹	Numerator	Denominator	MDG ²
9.1 Comprehensive knowledge about HIV prevention	HA	Number of women age 15-49 years who correctly identify two ways of preventing HIV infection ¹³ , know that a healthy looking person can have HIV, and reject the two most common misconceptions about HIV transmission	Total number of women age 15-49 years	
9.2 Comprehensive knowledge about HIV prevention among young people	HA	Number of women age 15-24 years who correctly identify two ways of preventing HIV infection ¹² , know that a healthy looking person can have HIV, and reject the two most common misconceptions about HIV transmission	Total number of women age 15-24 years	MDG 6.3
9.3 Knowledge of mother-to-child transmission of HIV	HA	Number of women age 15-49 years who correctly identify all three means ¹⁴ of mother-to-child transmission of HIV	Total number of women age 15-49 years	
9.4 Accepting attitudes towards people living with HIV	HA	Number of women age 15-49 years expressing accepting attitudes on all four questions ¹⁵ toward people living with HIV	Total number of women age 15-49 years who have heard of HIV	
9.5 Women who know where to be tested for HIV	HA	Number of women age 15-49 years who state knowledge of a place to be tested for HIV	Total number of women age 15-49 years	
9.6 Women who have been tested for HIV and know the results	HA	Number of women age 15-49 years who have been tested for HIV in the 12 months preceding the survey and who know their results	Total number of women age 15-49 years	
9.8 HIV counselling during antenatal care	HA	Number of women age 15-49 years who gave birth in the 2 years preceding the survey and received antenatal care, reporting that they received counselling on HIV during antenatal care	Total number of women age 15-49 years who gave birth in the 2 years preceding the survey	
9.9 HIV testing during antenatal care	HA	Number of women age 15-49 years who gave birth in the 2 years preceding the survey and received antenatal care, reporting that they were offered and accepted an HIV test during antenatal care and received their results	Total number of women age 15-49 years who gave birth in the 2 years preceding the survey	

13 Using condoms and limiting sex to one faithful, uninfected partner

14 Transmission during pregnancy, during delivery, and by breastfeeding

15 Women (1) who think that a female teacher with the AIDS virus should be allowed to teach in school, (2) who would buy fresh vegetables from a shopkeeper or vendor who has the AIDS virus, (3) who would not want to keep it as a secret if a family member became infected with the AIDS virus, and (4) who would be willing to care for a family member who became sick with the AIDS virus

MICS4 INDICATOR [M]	Module ¹	Numerator	Denominator	MDG ²
9.17 Children's living arrangements	HL	Number of children age 0-17 years not living with a biological parent	Total number of children age 0-17 years	
9.18 Prevalence of children with at least one parent dead	HL	Number of children age 0-17 years with at least one dead parent	Total number of children age 0-17 years	
9.19 School attendance of orphans	HL - ED	Number of children age 10-14 years who have lost at least one parent and are attending school	Total number of children age 10-14 years who have lost both parents	MDG 6.4
9.20 School attendance of non-orphans	HL - ED	Number of children age 10-14 years, whose parents are alive, who are living with at least one parent, and who are attending school	Total number of children age 10-14 years, whose parents are alive, and who are living with at least one parent	MDG 6.4

Appendix F. Questionnaires



HOUSEHOLD QUESTIONNAIRE IRAQ 2011

HOUSEHOLD INFORMATION PANEL		HH	
HH1. Cluster number:	_____	HH2. Household number:	_____
HH2a. Geographical Location (GPS coordinates)		Longitude	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
		Latitude	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
HH3. Field interviewer (researcher) name and number: Name _____	_____	HH4. Field supervisor name and number: Name _____	_____
HH5. Day / Month / Year of interview: _____ / _____ / _____			
HH6. Area: Urban..... Rural.....	1 2	HH7. Location: 1.Governorate 2.District 3.Sub-district 4. <i>Mahalah</i> (quarter) 5. County..... 6. Village 7. Block 8. Census- Building number.....	_____ _____ _____ _____ _____ _____ _____ _____

WE ARE FROM (***the Central Organisation for Statistics (CSO) and the Ministry of Health***). WE ARE WORKING ON A PROJECT CONCERNED WITH FAMILY HEALTH AND EDUCATION. I WOULD LIKE TO TALK TO YOU ABOUT THESE SUBJECTS. THE INTERVIEW WILL TAKE ABOUT THIRTY MINUTES. ALL THE INFORMATION WE OBTAIN WILL REMAIN STRICTLY CONFIDENTIAL AND YOUR ANSWERS WILL NEVER BE SHARED WITH ANYONE OTHER THAN OUR PROJECT TEAM. WE WOULD LIKE TO TALK TO YOU; THEREFORE, WE HOPE YOU CAN PARTICIPATE IN THIS SURVEY, BECAUSE YOUR OPINION / VIEWS ARE IMPORTANT.

MAY I START NOW?

- Yes, permission is given ⇒ Go to HH18 to record the time and then begin the interview.
- No, permission is not given ⇒ Complete HH9. Discuss this result with your supervisor.

<i>After all questionnaires for the household have been completed, fill in the following information:</i>	
HH8. Name of head of household:	_____
HH9. Result of household interview: Completed 01 No household member or no competent respondent at home at time of visit 02 Entire household absent for extended period of time 03 Refused 04 Dwelling vacant / Address not a dwelling 05 Dwelling destroyed 06 Dwelling not found 07 Other (specify) _____ 96	HH10. Respondent to household questionnaire: Name: _____ Line Number: ____-____
HH12. Number of women age 15-49 years: _____	HH11. Total number of household members: _____
HH14. Number of children under age 5: _____	HH13. Number of woman's questionnaires completed: _____
HH16. Field edited by (Name and number): Name _____	HH17. Locally edited by (Name and number): Name _____
HH17A. Centrally edited by (Name and number): Name _____	HH17B. Data entry clerk (Name and number): Name _____

HH18.
Record the time.
Morning 1
Evening 2
Hour ____
Minutes..... ____

HOUSEHOLD LISTING FORM

HL

FIRST, PLEASE TELL ME THE NAME OF EACH PERSON WHO USUALLY LIVES HERE, STARTING WITH THE HEAD OF THE HOUSEHOLD.
List the head of the household in line 01. List all household members (HL2), their relationship to the household head (HL3), and their sex (HL4). Then ask: ARE THERE ANY OTHERS WHO LIVE HERE, EVEN IF THEY ARE NOT AT HOME NOW? If yes, complete listing for questions HL2-HL4. Then, ask questions starting with HL5 for each person at a time. Use additional questionnaire if there are more than 15 members in the household.

Line	Name	Relation*	M	F	Month	Year	Age	15-49	Mother	Mother	Y	N	DK	Father
			For women	For children age 5-14	For children under age 5	For children age 0-17 years								
01	HL2. Name	HL3. WHAT IS THE RELATION -SHIP OF (name) TO THE HEAD OF HOUSEHOLD?	HL4. Is (name) MALE OR FEMALE?	HL5. WHAT IS (name)'S DATE OF BIRTH?	HL6. How old is (name)? <i>Record in completed years. If age is 95 or above, record '95', if less than one year write '00'</i>	HL7. WHO IS THE MOTHER OR PRIMARY CARETAKER OF THIS CHILD? <i>Circle line number if woman is age 15-49</i>	HL8. WHO IS THE MOTHER OR PRIMARY CARETAKER OF THIS CHILD? <i>Record line number of mother/ caretaker</i>	HL9. WHO IS THE MOTHER OR PRIMARY CARETAKER OF THIS CHILD?	HL10. Is (name)'S NATURAL MOTHER ALIVE? <i>If YES: WHAT IS HER NAME?</i>	HL11. Is (name)'S NATURAL MOTHER ALIVE? <i>If YES: WHAT IS HER NAME?</i>	HL12. Does (name)'s NATURAL MOTHER LIVE IN THIS HOUSEHOLD? <i>Record line number of mother or 00 for "No"</i>	HL13. Is (name)'S NATURAL MOTHER ALIVE? <i>Record line number of mother or 00 for "No"</i>	HL14. Does (name)'s NATURAL FATHER LIVE IN THIS HOUSEHOLD? <i>If YES: WHAT IS HIS NAME?</i>	
02											1 Yes	2 No	8 DK	1 Yes
03											Next Line	Next Line	Next Line	Record line number of father or 00 for "No"
04														
05														
06														
07														
08														
09														
10														
11														

HL1. Line number	HL2. Name	HL3. WHAT IS THE RELATION SHIP OF (name) TO THE HEAD OF HOUSE- HOLD?	HL4. Is (name) MALE OR FEMALE?	HL5. WHAT IS (name)'S DATE OF BIRTH?	HL6. How old is (name)?	HL7.	HL8. WHO IS THE MOTHER OR PRIMARY CARETAKER OF THIS CHILD?	HL9. WHO IS THE MOTHER OR PRIMARY CARETAKER OF THIS CHILD?	HL11. Is (name)'S NATURAL MOTHER ALIVE?	HL12. Does (name)'s NATURAL MOTHER LIVE IN THIS HOUSEHOLD?	HL13. Is (name)'S NATURAL MOTHER ALIVE?	HL14. Does (name)'s NATURAL FATHER LIVE IN THIS HOUSEHOLD? IF YES: WHAT IS HIS NAME?	
			1 Male 2 Female	98 DK	9998 DK	Record in completed years. If age is 95 or above, record '95' If less than one year write '00'	Circle line number if woman is age 15-49	Record line number of mother/ caretaker	Record line number of mother/ caretaker	1 Yes 2 No 8 DK	Record line number of mother or 00 for "No"	1 Yes 2 No 8 DK	Record line number of father or 00 for "No"
Line	Name	Relation*	M	F	Month	Year	Age	15-49	Mother	Y N DK	Mother	Y N DK	Father
12		— —	1	2	—	— — —	—	12	— —	— —	1 2 8	— —	1 2 8
13		— —	1	2	—	— — —	—	13	— —	— —	1 2 8	— —	1 2 8
14		— —	1	2	—	— — —	—	14	— —	— —	1 2 8	— —	1 2 8
15		— —	1	2	—	— — —	—	15	— —	— —	1 2 8	— —	1 2 8

Tick here if additional questionnaire used

Probe for additional household members.

Probe especially for any infants or small children not listed, and others who may not be members of the family (such as servants, friends) but who usually live in the household.

Insert names of additional members in the household list and complete form accordingly.

Now for each woman age 15-49 years, write her name and line number and other identifying information in the information panel of a separate Individual Women's Questionnaire.
 For each child under age 5, write his/her name and line number AND the line number of his/her mother or caretaker in the information panel of a separate Under-5 Questionnaire.
 You should now have a separate questionnaire for each eligible woman and each child under five in the household.

* Codes for HL3: Relationship to head of household:

01 Head	06 Parent	11 Niece / Nephew
02 Wife / Husband	07 Parent-In-Law	12 Other relative
03 Son / Daughter	08 Brother / Sister	13 Adopted / Foster / Stepchild
04 Son-In-Law / Daughter-In-Law	09 Brother-In-Law / Sister-In-Law	14 Not related
05 Grandchild	10 Uncle / Aunt	98 Don't know

EDUCATION
ED

For household members age 5 and above										For household members age 5-24 years									
Line number	Name and age Copy from Household Listing Form, HL2 and HL6	ED2.	ED3. HAS (name) EVER ATTENDED SCHOOL OR PRE-SCHOOL?	ED4. WHAT IS THE HIGHEST LEVEL OF SCHOOL (name) ATTENDED? WHAT IS THE HIGHEST GRADE (name) COMPLETED AT THIS LEVEL?	ED5. DURING THE (2010-2011) SCHOOL YEAR, WHICH LEVEL AND GRADE IS/WAS (name) ATTENDING?	ED6. DURING THE (2010-2011) SCHOOL YEAR, WHICH LEVEL AND GRADE IS/WAS (name) ATTENDING?	ED7. DURING THE PREVIOUS SCHOOL YEAR, WHICH LEVEL AND GRADE DID (name) ATTEND THAT IS (2009-2010), DID (name) ATTEND	ED8. DURING THE (2009-2010) SCHOOL YEAR, WHICH LEVEL AND GRADE DID (name) ATTEND?											
Line	Name	Age	Yes	No	Level	Grade	Level	Grade	Level										
01		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
02		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
03		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
04		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
05		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
06		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
07		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
08		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
09		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
10		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
11		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
12		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
13		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
14		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				
15		1	2	0 1 2 3 4 5 6 7 8	—	1	2	0 1 2 3 4 5 6 7 8	—	1	2	8	0 1 2 3 4 5 6 7 8	—	—				

WATER AND SANITATION		WS
WS1. WHAT IS THE <u>MAIN</u> SOURCE OF DRINKING WATER FOR MEMBERS OF YOUR HOUSEHOLD?	Piped water Piped into dwelling.....11 Piped into dwelling yard.....12 Piped to neighbour13 Public tap / standpipe14 Tube Well, Borehole21 Dug well Protected well31 Unprotected well.....32 Water from spring Protected spring41 Unprotected spring42 Rainwater collection51 Tanker-truck61 Cart with small tank / drum71 Surface water (river, stream, dam, lake, pond, canal, irrigation channel)81 Bottled water.....91 Reverse osmosis.(RO).....92 Other (<i>specify</i>)96	11⇒WS6 12⇒WS6 13⇒WS6 14⇒WS3 21⇒WS3 31⇒WS3 32⇒WS3 41⇒WS3 42⇒WS3 51⇒WS3 61⇒WS3 71⇒WS3 81⇒WS3
WS2. WHAT IS THE <u>MAIN</u> SOURCE OF WATER USED BY YOUR HOUSEHOLD FOR OTHER PURPOSES SUCH AS COOKING AND HANDWASHING?	Piped water (tap water) Piped into dwelling.....11 Piped into compound, yard or plot.....12 Piped to neighbour13 Public tap / standpipe14 Tube Well, Borehole21 Dug well Protected well31 Unprotected well.....32 Water from spring Protected spring41 Unprotected spring42 Rainwater collection51 Tanker-truck61 Cart with small tank / drum71 Surface water (river, stream, dam, lake, pond, canal, irrigation channel)81 Reverse osmosis.(RO).....92 Other (<i>specify</i>)96	11⇒WS6 12⇒WS6 13⇒WS6
WS3. WHERE IS THAT WATER SOURCE LOCATED?	In own dwelling1 In own yard / plot2 Elsewhere.....3	1⇒WS6 2⇒WS6
WS4. HOW LONG DOES IT TAKE TO GO THERE, GET WATER, AND COME BACK?	Number of minutes DK.....998	

WATER AND SANITATION		WS
WS5. WHO USUALLY GOES TO THIS SOURCE TO COLLECT THE WATER FOR YOUR HOUSEHOLD? <i>Probe:</i> IS THIS PERSON UNDER AGE 15? WHAT SEX?	Adult woman (age 15+ years) 1 Adult man (age 15+ years) 2 Female child (under 15) 3 Male child (under 15) 4 DK 8	
WS6. DO YOU DO ANYTHING TO THE WATER TO MAKE IT SAFER TO DRINK?	Yes 1 No 2 DK 8	2⇒WS8 8⇒WS8
WS7. WHAT DO YOU USUALLY DO TO MAKE THE WATER SAFER TO DRINK? <i>Probe:</i> ANYTHING ELSE? <i>Record all items mentioned.</i>	Boil A Add bleach / chlorine B Strain it through a cloth C Use water filter (ceramic, sand, composite, etc.) D Solar disinfection E Let it stand and settle F Other (specify) _____ X DK Z	
WS8. WHAT KIND OF TOILET FACILITY DO MEMBERS OF YOUR HOUSEHOLD USUALLY USE? <i>If "flush" or "pour flush", probe:</i> WHERE DOES IT FLUSH TO? <i>If necessary, ask permission to observe the facility.</i>	Flush / Pour flush Flush to piped sewer system 11 Flush to septic tank 12 Flush to pit (latrine) 13 Flush to somewhere else 14 Flush to unknown place / Not sure / DK where 15 Pit latrine Ventilated Improved Pit latrine (VIP) 21 Pit latrine with slab 22 Pit latrine without slab / Open pit 23 Composting toilet 31 Bucket 41 No facility, Bush, Field 95 Other (specify) 96	95⇒ WS12
WS9. DO YOU SHARE THIS FACILITY WITH OTHERS WHO ARE NOT MEMBERS OF YOUR HOUSEHOLD?	Yes 1 No 2	2⇒ WS12
WS10. DO YOU SHARE THIS FACILITY ONLY WITH MEMBERS OF OTHER HOUSEHOLDS THAT YOU KNOW, OR IS THE FACILITY OPEN TO THE USE OF THE GENERAL PUBLIC?	Other households only (not public) 1 Public facility 2	2⇒ WS12
WS11. HOW MANY HOUSEHOLDS IN TOTAL USE THIS TOILET FACILITY, INCLUDING YOUR OWN HOUSEHOLD?	Number of households (if less than 10) 0 ____ Ten or more households 10 DK 98	

WATER AND SANITATION		WS
WS12: HOW DO YOU USUALLY DISPOSE OF WASTE (GARBAGE)?	Collection from dwelling Closable containers.....1 No containers.....2 Uncovered containers on streets.....3 Closable containers on streets4 Waste disposed of in the open5 Burning.....6 Used as organic fertilizer (compost)7 Burying.....8 Other (specify).....9	03⇒ HC 04⇒ HC 05⇒ HC 06⇒ HC 07⇒ HC 08⇒ HC 09⇒ HC
WS13: HOW MANY TIMES WASTE IS COLLECTED IN THE PAST 14 DAYS BEFORE THE DAY OF THE VISIT?	Once in 2 weeks1 Once a week2 Twice a week or more3 Once a day4 Twice a day5	
WS6A. TESTING CHLORINE (CONCENTRATION) IN WATER	Less than (0.5).....1 (0.5 – 1).....2 (1 – 1.5).....3	

HOUSEHOLD CHARACTERISTICS		HC
HC2. HOW MANY ROOMS IN THIS HOUSEHOLD ARE USED FOR SLEEPING?	Number of rooms	— —
HC3. Main material of the dwelling floor. <i>Record observation.</i>	<p>Natural floor</p> <p>Earth / Sand 11</p> <p>Clay / stony soil / rocky ground 12</p> <p>Rudimentary floor</p> <p>Wood planks 21</p> <p>Palm / Bamboo / Grass 22</p> <p>Canes / reeds 23</p> <p>Finished floor</p> <p>Parquet or polished wood 31</p> <p>Asphalt strips 32</p> <p><i>Kashi "tiles"</i> (mosaic, marble, ceramic) 33</p> <p>Cement (slab) 34</p> <p>Carpet or permanent moquette 35</p> <p>Plastic strips 36</p> <p>Other (<i>specify</i>) 96</p>	
HC4. Main material of the roof. <i>Record observation.</i>	<p>Natural roofing</p> <p>No Roof 11</p> <p>Mud with dry hard straw 12</p> <p>Grass stems 13</p> <p>Rudimentary Roofing</p> <p>Rustic mat 21</p> <p>Palm / Bamboo 22</p> <p>Wood planks 23</p> <p>Cardboard 24</p> <p>Canes / reeds 25</p> <p>Finished (modern) roofing</p> <p>Metal 31</p> <p>Wooden 32</p> <p>Jenco (Metal sheets) or Asbestos sheets 33</p> <p>Ceramic tiles 34</p> <p>Cement (reinforced concrete) 35</p> <p>Roofing shingles 36</p> <p><i>Shelman</i> (Bricks and T-steel / Akada (bricks and gypsum) 37</p> <p>Other (<i>specify</i>) 96</p>	

HOUSEHOLD CHARACTERISTICS		HC
HC5. Main material of the exterior walls. <i>Record observation.</i>	Natural walls No walls.....11 Cane / Palm / Trunks12 Mud13 Rudimentary walls Bamboo with mud21 Stone with mud22 Uncovered adobe.....23 Plywood.....24 Cardboard25 Reused wood26 Finished walls Cement.....31 Stone with lime / cement.....32 Bricks.....33 Cement blocks34 Clay bricks35 Wood planks / shingles36 Metal sheets (<i>Jenco</i>)37 Taboog38 Other (<i>specify</i>)96	
HC6. WHAT TYPE OF FUEL DOES YOUR HOUSEHOLD MAINLY USE FOR COOKING?	Electricity01 Gas.....02 Kerosene05 Charcoal.....07 Wood08 Straw / Shrubs / Grass09 Animal dung10 Agricultural crop residue11 No food cooked in household95 Other (<i>specify</i>)96	01⇒HC8 02⇒HC8 05⇒HC8 95⇒HC8
HC7. IS THE COOKING USUALLY DONE IN THE HOUSE, IN A SEPARATE BUILDING, OR OUTDOORS? <i>If 'In the house', probe: IS IT DONE IN A SEPARATE ROOM USED AS A KITCHEN?</i>	In the house In a separate room used as kitchen.....1 Elsewhere in the house2 In a separate building.....3 Outdoors4 Other (<i>specify</i>)6	
HC8. DOES YOUR HOUSEHOLD HAVE: [A] ELECTRICITY? [B] A RADIO? [C] A TELEVISION? [D] A NON-MOBILE TELEPHONE? [E] AN ELECTRIC REFRIGERATOR? [F] A SATELLITE SYSTEM (PARABOLIC DISH)?	Yes No Electricity, national grid.....1 2 Radio1 2 Television1 2 Non-mobile telephone1 2 Refrigerator1 2 Satellite system (arabolic dish)1 2 Internet connection1 2	

HOUSEHOLD CHARACTERISTICS			HC
[G] INTERNET CONNECTION?	Shared grid (External generator)1	. 2	
[H] SHARED GRID (EXTERNAL GENERATOR)?	Power generator1	2	
[I] OWN POWER GENERATOR?	Deep freezer1	2	
[J] DEEP FREEZER?	Split unit air conditioner1	2	
[K] SPLIT UNIT AIR CONDITIONER?	Air cooler1	2	
[L] AIR COOLER?	Cold box1	2	
[M] COLD BOX (WOOD OR ASBESTOS)?	Earthen water container1	2	
[M] EARTHEN WATER CONTAINER?			
HC9. DOES ANY MEMBER OF YOUR HOUSEHOLD OWN:	Yes	No	
[A] A WRIST WATCH?	Watch.....1	2	
[B] A MOBILE TELEPHONE?	Mobile telephone.....1	2	
[C] A BICYCLE?	Bicycle.....1	2	
[D] A MOTORCYCLE?	Motorcycle.....1	2	
[E] AN ANIMAL-DRAWN CART?	Animal drawn-cart.....1	2	
[F] A CAR OR TRUCK?	Car / Truck.....1	2	
[G] A BOAT WITH A MOTOR?	Boat with motor.....1	2	
[H] COMPUTER?	Boat with motor.....1	2	
HC10. DO YOU OR SOMEONE LIVING IN THIS HOUSEHOLD OWN THIS DWELLING?	Own	1	
	Rent	2	
<i>If "No", then ask: DO YOU RENT THIS DWELLING FROM SOMEONE NOT LIVING IN THIS HOUSEHOLD?</i>	Other (Not owned or rented)	6	
<i>If "Rented from someone else", circle "2". For other responses, circle "6".</i>			
HC11. DOES ANY MEMBER OF THIS HOUSEHOLD OWN ANY LAND THAT CAN BE USED FOR AGRICULTURE?	Yes	1	
	No.....	2	2⇒HC13
HC12. HOW MANY DUNUMS (HECTARS) OF AGRICULTURAL LAND DO MEMBERS OF THIS HOUSEHOLD OWN?	Dunums (Hectares)	—	
<i>If less than 1, record "00". If 95 or more, record '95'. If unknown, record '98'.</i>			
HC13. DOES THIS HOUSEHOLD OWN ANY LIVESTOCK, HERDS, OTHER FARM ANIMALS, OR POULTRY?	Yes	1	
	No.....	2	2⇒HC15

HOUSEHOLD CHARACTERISTICS		HC
<p>HC14. HOW MANY OF THE FOLLOWING ANIMALS DOES THIS HOUSEHOLD HAVE?</p> <p>[A] CATTLE, MILK COWS, OR BULLS? [B] HORSES, DONKEYS, OR MULES? [C] GOATS? [D] SHEEP? [E] CHICKENS?</p> <p><i>If none, record '00'. If 95 or more, record '95'. If unknown, record '98'.</i></p>	<p>Cattle, milk cows, or bulls _____</p> <p>Horses, donkeys, or mules _____</p> <p>Goats..... _____</p> <p>Sheep..... _____</p> <p>Chickens</p>	
<p>HC15. DOES ANY MEMBER OF THIS HOUSEHOLD HAVE A BANK ACCOUNT?</p>	<p>Yes 1</p> <p>No..... 2</p>	

CHILD LABOUR

To be administered for mother/ care taker of all children in the household age 5-14 years. For household members below age 5 or above age 14, leave rows blank.

CL												
CHILD LABOUR												
Now I WOULD LIKE TO ASK ABOUT ANY WORK CHILDREN IN THIS HOUSEHOLD MAY DO.												
CL1. Line number	CL2. Name and Age <i>Copy from Household Listing Form, HL2 and HL6</i>	CL3. DURING THE PAST (day) OF THE WEEK, DID (name) DO ANY KIND OF WORK FOR SOMEONE WHO IS NOT A MEMBER OF THIS HOUSEHOLD?	CL4. SINCE LAST (day) OF THE WEEK, DID (name) ABOUT HOW MANY HOURS DID HE/SHE DO THIS WORK FOR SOMEONE WHO IS NOT A MEMBER OF THIS HOUSEHOLD?	CL5. DURING THE PAST (day) OF THE WEEK, DID (name) FETCH WATER OR COLLECT FIREWOOD FOR HOUSEHOLD USE?	CL6. SINCE LAST (day) OF THE WEEK, ABOUT HOW MANY HOURS DID HE/SHE DO FIREWATER OR COLLECT FIREWOOD FOR HOUSEHOLD USE?	CL7. DURING THE PAST WEEK, DID (name) DO ANY PAID OR UNPAID WORK ON A FAMILY FARM OR IN A FAMILY BUSINESS OR SELLING GOODS IN THE STREET?	CL8. SINCE LAST (day) OF THE PAST WEEK, DID (name) HELP WITH HOUSEHOLD CHORES ABOUT HOW MANY HOURS DID HE/SHE DO THIS WORK FOR HIS/HER FAMILY OR HIMSELF/ HERSELF?	CL9. DURING THE PAST WEEK, DID (name) HELP WITH HOUSEHOLD CHORES ABOUT HOW MANY HOURS SUCH AS SHOPPING, CLEANING, WASHING CLOTHES, COOKING; SPEND DOING THESE CHORES?	CL10. SINCE LAST (day) OF THE WEEK, DID (name)			
<i>If more than one job, include all hours at all jobs.</i>												
1 Yes, for pay (cash or kind) 2 Yes, unpaid 3 No ⇨ CL5												
1 Yes 2 No ⇨ CL7												
1 Yes 2 No ⇨ CL9												
1 Yes 2 No ⇨ Next Line												
Line	Name	Age	Yes	No	Number of hours	Yes	No	Number of hours	Yes	No	Number of hours	
01			1	2	3	—	—	1	2	—	1	2
02			1	2	3	—	—	1	2	—	1	2
03			1	2	3	—	—	1	2	—	1	2
04			1	2	3	—	—	1	2	—	1	2
05			1	2	3	—	—	1	2	—	1	2
06			1	2	3	—	—	1	2	—	1	2
07			1	2	3	—	—	1	2	—	1	2
08			1	2	3	—	—	1	2	—	1	2
09			1	2	3	—	—	1	2	—	1	2
10			1	2	3	—	—	1	2	—	1	2
11			1	2	3	—	—	1	2	—	1	2
12			1	2	3	—	—	1	2	—	1	2
13			1	2	3	—	—	1	2	—	1	2
14			1	2	3	—	—	1	2	—	1	2
15			1	2	3	—	—	1	2	—	1	2

CHILD DISCIPLINE
CD
Table 1: Children Aged 2-14 Years Eligible for Child Discipline Questions

- List each of the children aged 2-14 years below in the order they appear in the Household Listing Form. Do not include other household members outside of the age range 2-14 years.
- Record the line number, name, sex, and age for each child.
- Then record the total number of children aged 2-14 in the box provided (CD6).

CD1. Rank number	CD2. Line number from HL1	CD3. Name from HL2	CD4. Sex from HL4	CD5. Age from HL6	
Rank	Line	Name	M	F	Age
1	— —		1	2	— —
2	— —		1	2	— —
3	— —		1	2	— —
4	— —		1	2	— —
5	— —		1	2	— —
6	— —		1	2	— —
7	— —		1	2	— —
8	— —		1	2	— —
CD6. Total children age 2-14 years					— —

- If there is only one child age 2-14 years in the household, then skip table 2 and go to CD8; write down '1' and continue with CD9

Table 2: Selection of Random Child for Child Discipline Questions

- Use Table 2 to select one child between the ages of 2 and 14 years, if there is more than one child in that age range in the household.
- Check household number (HH2) from the cover page. This is the number of the row you should go to in the table below.
- Check the total number of eligible children (2-14) in CD6 above. This is the number of the column you should go to.
- Find the box where the row and the column meet and circle the number that appears in the box. This is the rank number of the child (CD1) about whom the questions will be asked.

CD7. Household number (HH2)	Total Number of Eligible Children in the Household (CD6)							
	1	2	3	4	5	6	7	8+
01	1	1	3	1	4	1	6	5
02	1	2	1	2	5	2	7	6
03	1	1	2	3	1	3	1	7
04	1	2	3	4	2	4	2	8
05	1	1	1	1	3	5	3	1
06	1	2	2	2	4	6	4	2
07	1	1	3	3	5	1	5	3
08	1	2	1	4	1	2	6	4
09	1	1	2	1	2	3	7	5
10	1	2	2	4	3	6	5	4

CD8. Record the rank number of the selected child —

CHILD DISCIPLINE		CD
CD9. Write the name and line number of the child selected for the module from CD3 and CD2, based on the rank number in CD8.	Name Line number	
CD10. ADULTS USE CERTAIN WAYS TO TEACH CHILDREN THE RIGHT BEHAVIOUR OR TO ADDRESS A BEHAVIOUR PROBLEM. I WILL READ VARIOUS METHODS THAT ARE USED AND I WANT YOU TO TELL ME IF <u>YOU OR ANYONE ELSE IN YOUR HOUSEHOLD HAS USED THIS METHOD WITH (name) IN THE PAST MONTH.</u>		
CD11. TOOK AWAY PRIVILEGES, FORBADE SOMETHING (name) LIKED OR DID NOT ALLOW HIM/HER TO LEAVE HOUSE.	Yes.....1 No2	
CD12. EXPLAINED WHY (name)'S BEHAVIOR WAS WRONG.	Yes.....1 No2	
CD13. SHOOK HIM/HER.	Yes.....1 No2	
CD14. SHOUTED, YELLED AT OR SCREAMED AT HIM/HER.	Yes.....1 No2	
CD15. GAVE HIM/HER SOMETHING ELSE TO DO.	Yes.....1 No2	
CD16. SPANKED, HIT OR SLAPPED HIM/HER ON THE BOTTOM WITH BARE HAND.	Yes.....1 No2	
CD17. HIT HIM/HER ON THE BOTTOM OR ELSEWHERE ON THE BODY WITH SOMETHING LIKE A BELT, HAIRBRUSH, STICK OR OTHER HARD OBJECT.	Yes.....1 No2	
CD18. CALLED HIM/HER DUMB, LAZY, OR ANOTHER NAME LIKE THAT.	Yes.....1 No2	
CD19. HIT OR SLAPPED HIM/HER ON THE FACE, HEAD, NECK OR EARS.	Yes.....1 No2	
CD20. HIT OR SLAPPED HIM/HER ON THE HAND, ARM, OR LEG.	Yes.....1 No2	
CD21. BEAT HIM/HER UP, THAT IS HIT HIM/HER OVER AND OVER AS HARD AS ONE COULD.	Yes.....1 No2	
CD21A. BURN HIM/HER USING A HOT METAL OR ANYTHING ELSE?	Yes.....1 No2	
CD21B. BIT/HIT HIM/HER?	Yes.....1 No2	
CD22. DO YOU BELIEVE THAT IN ORDER TO BRING UP, RAISE, OR EDUCATE A CHILD PROPERLY, THE CHILD NEEDS TO BE PHYSICALLY PUNISHED?	Yes.....1 No2 Don't know / No opinion.....8	

HANDWASHING		HW
HW1. PLEASE SHOW ME WHERE MEMBERS OF YOUR HOUSEHOLD MOST OFTEN WASH THEIR HANDS.	Observed 1 Not observed Not in dwelling / plot / yard 2 No permission to see 3 Other reason 6	2⇒HW4 3⇒HW4 6⇒HW4
HW2. <i>Observe presence of water at the specific place for handwashing.</i> <i>Verify by checking the tap/pump, or basin, bucket, water container or similar objects for presence of water.</i>	Water is available 1 Water is not available 2	
HW3. <i>Record if soap or detergent is present at the specific place for handwashing.</i> <i>Circle all that apply.</i> <i>Skip to HH19 if any soap or detergent code (A, B, C or D) is circled. If "None" (Y) is circled, continue with HW4.</i>	Bar soap A Detergent (Powder / Liquid / Paste) B Liquid soap C Ash / Mud / Sand D None Y	A⇒HH19 B⇒HH19 C⇒HH19 D⇒HH19
HW4. DO YOU HAVE ANY SOAP OR DETERGENT IN YOUR HOUSEHOLD FOR WASHING HANDS?	Yes 1 No 2	2⇒HH19
HW5. CAN YOU PLEASE SHOW IT TO ME? <i>Record observation. Circle all that apply.</i>	Bar soap A Detergent (Powder / Liquid / Paste) B Liquid soap C Ash / Mud / Sand D Not able / Does not want to show Y	

SALT IODIZATION		SI
SI1. WE WOULD LIKE TO CHECK WHETHER THE SALT USED IN YOUR HOUSEHOLD IS IODIZED. MAY I HAVE A SAMPLE OF THE SALT USED TO COOK MEALS IN YOUR HOUSEHOLD? <i>Once you have tested the salt, circle number that corresponds to test outcome.</i>	Not iodized 0 PPM 1 Less than 15 PPM 2 15 PPM or more 3 No salt in the house 6 Salt not tested 7	

WATER TESTING		WT		
<p><i>Check if WS1 and WS2 is 11, 12, 13 14.</i></p> <p><input type="checkbox"/> Yes, , proceed with WT1</p> <p><input type="checkbox"/> No, skip to HH20</p>				
<p>WT1 WE WOULD LIKE TO CHECK WHETHER PIPED WATER USED IN YOUR HOUSEHOLD IS CHLORINATED.</p> <p>MAY I HAVE A SAMPLE OF THE WATER FROM YOUR HOUSEHOLD?</p>	<p>Yes, got water 1</p> <p>No 2</p>	<p>2⇒HH20</p>		
<p>WT2. TESTING CHLORINE (CONCENTRATION) IN WATER</p>	<p>Less than 0.5 1</p> <p>0.5 – 0.9 2</p> <p>1-1.5 3</p> <p>1.6 – 2.5 4</p> <p>Greater than 2.5..... 5</p> <p>Does not have chlorine 6</p> <p>Did not test the water..... 7</p>			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">HH19. Record the time.</td> <td style="width: 50%; padding: 5px;"> Hour Minutes..... </td> </tr> </table>			HH19. Record the time.	Hour Minutes.....
HH19. Record the time.	Hour Minutes.....			
<p>HH20. Does any eligible woman age 15-49 reside in the household?</p> <p><i>Check Household Listing Form, column HL7 for any eligible woman. You should have a questionnaire with the Information Panel filled in for each eligible woman.</i></p> <p><input type="checkbox"/> Yes ⇒ Go to QUESTIONNAIRE FOR INDIVIDUAL WOMEN to administer the questionnaire to the first eligible woman.</p> <p><input type="checkbox"/> No ⇒ Continue.</p>				
<p>HH21. Does any child under the age of 5 reside in the household?</p> <p><i>Check Household Listing Form, column HL9 for any eligible child under age 5. You should have a questionnaire with the Information Panel filled in for each eligible child.</i></p> <p><input type="checkbox"/> Yes ⇒ Go to QUESTIONNAIRE FOR CHILDREN UNDER FIVE to administer the questionnaire to mother or caretaker of the first eligible child.</p> <p><input type="checkbox"/> No ⇒ End the interview by thanking the respondent for his/her cooperation. Gather together all questionnaires for this household and complete HH8 to HH15 on the cover page.</p>				

Interviewer's Observations

Field Editor's Observations

Name: Signature: Date: \ \

Local Supervisor's Observations

Name: Signature: Date: \ \

Central Supervisor's Observations

Name: Signature: Date: \ \



QUESTIONNAIRE FOR INDIVIDUAL WOMEN IRAQ 2011

WOMAN'S INFORMATION PANEL		WM
<i>This questionnaire is to be administered to all women age 15 through 49 (see Household Listing Form, column HL7). A separate questionnaire should be used for each eligible woman.</i>		
WM1. Cluster number: ____ - ____ - ____	WM2. Household number: ____ - ____	
WM3. Woman's name: Name _____	WM4. Woman's line number: ____ - ____	
WM5. Interviewer name and number: Name _____	WM6. Day / Month / Year of interview: ____ / ____ / ____ - ____	

Repeat greeting if not already read to this woman:

WE ARE FROM *the Central Organisation for Statistics (CSO) and the Ministry of Health.*

WE ARE WORKING ON A PROJECT CONCERNED WITH FAMILY HEALTH AND EDUCATION. I WOULD LIKE TO TALK TO YOU ABOUT THESE SUBJECTS. THE INTERVIEW WILL TAKE ABOUT 45 MINUTES. ALL THE INFORMATION WE OBTAIN WILL REMAIN STRICTLY CONFIDENTIAL AND YOUR ANSWERS WILL NEVER BE SHARED WITH ANYONE OTHER THAN OUR PROJECT TEAM.

If greeting at the beginning of the household questionnaire has already been read to this woman, then read the following:

NOW I WOULD LIKE TO TALK TO YOU MORE ABOUT YOUR HEALTH AND OTHER TOPICS. THIS INTERVIEW WILL TAKE ABOUT 45 MINUTES. AGAIN, ALL THE INFORMATION WE OBTAIN WILL REMAIN STRICTLY CONFIDENTIAL AND YOUR ANSWERS WILL NEVER BE SHARED WITH ANYONE OTHER THAN OUR PROJECT TEAM.

MAY I START NOW?

Yes, permission is given ⇒ Go to WM10 to record the time and then begin the interview.

No, permission is not given ⇒ Complete WM7. Discuss this result with your supervisor.

WM7. Result of woman's interview	Completed 01 Not at home 02 Refused 03 Partly completed 04 Incapacitated 05 Other (specify) _____ 96
----------------------------------	---

WM8. Field edited by (Name and number): Name _____	WM9. Local editor (Name and number): Name _____
WM9A. Central editor (Name and number): Name _____	WM9B. Data entry clerk (Name and number): Name _____

WM10. Record the time.	AM.....1 Hour minutes	PM.....2
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WOMAN'S BACKGROUND		WB
WB1. IN WHAT MONTH AND YEAR WERE YOU BORN?	Date of birth Month DK month 98 Year DK year 9998	
WB2. HOW OLD ARE YOU? <i>Probe: HOW OLD WERE YOU AT YOUR LAST BIRTHDAY?</i> <i>Compare and correct WB1 and/or WB2 if inconsistent</i>	Age (in completed years)	
WB2A. ARE YOU CURRENTLY WORKING / EMPLOYED ELSEWHERE? IF YES, ASK: WHETHER IN THE PUBLIC SECTOR OR IN THE PRIVATE SECTOR?	Public Sector: Desk work..... 1 Physical (field) work..... 2 Private Sector: Desk work..... 3 Physical (field) work..... 4 In the household (specify)..... 5 Other (specify)..... 6 Do not have work 7	
WB3. HAVE YOU EVER ATTENDED SCHOOL OR PRESCHOOL?	Yes 1 No 2	2⇒WB7
WB4. WHAT IS THE HIGHEST LEVEL OF SCHOOL YOU ATTENDED? <i>If less than 1 grade, enter "00"</i>	Preschool 0 Primary 1 Intermediate 2 Secondary 3 Diploma 4 Bachelor 5 Higher studies 6 DK 8	0⇒ WB7
WB5. WHAT IS THE HIGHEST GRADE YOU COMPLETED AT THAT LEVEL?	Grade	
WB6. Check WB4:	<input type="checkbox"/> Secondary or higher. ⇒ Go to Next Module <input type="checkbox"/> Primary ⇒ Continue with WB7	

WB7. NOW I WOULD LIKE YOU TO READ THIS SENTENCE TO ME. <i>Show sentence on the card to the respondent.</i> <i>If respondent cannot read whole sentence, probe:</i> CAN YOU READ PART OF THE SENTENCE TO ME?	Cannot read at all.....1 Able to read only parts of sentence2 Able to read whole sentence.....3 No sentence in required language _____ 4 (specify language) Blind / mute, visually / speech impaired.....5	
--	---	--

MARRIAGE		MA
MA1. ARE YOU CURRENTLY MARRIED?	Yes, currently married.....1 No, not married3	3⇒MA5
MA2. HOW OLD WAS YOUR HUSBAND ON HIS LAST BIRTHDAY?	Age in years..... DK.....98	
MA3. BESIDES YOURSELF, DOES YOUR HUSBAND HAVE ANY OTHER WIVES?	Yes.....1 No2	2⇒MA7
MA4. HOW MANY OTHER WIVES DOES HE HAVE?	Number, DK.....98	⇒MA7 98⇒MA7
MA5. HAVE YOU EVER BEEN MARRIED?	Yes, formerly married1 No3	3 ⇒Domestic violence Module
MA6. WHAT IS YOUR MARITAL STATUS NOW: ARE YOU WIDOWED, DIVORCED OR SEPARATED?	Widowed1 Divorced.....2 Separated3	
MA7. HAVE YOU BEEN MARRIED ONLY ONCE OR MORE THAN ONCE?	Only once.....1 More than once2	
MA8. IN WHAT MONTH AND YEAR DID YOU FIRST MARRY?	Date of first marriage Month..... DK month.....98 Year DK year.....9998	⇒ MA 9A

MARRIAGE		MA
MA9. HOW OLD WERE YOU WHEN YOU GOT MARRIED TO YOUR FIRST HUSBAND?	Age in years.....	
MA9A. WAS YOUR FIRST HUSBAND OF ANY KIN (A BLOOD RELATIVE, ETC) TO YOU?	Yes.....1 No.....2	2 → NEXT MODULE
MA9B. WHAT WAS YOUR RELATIONSHIP / KINSHIP WITH YOUR HUSBAND?	First degree cousin (paternal).....1 First degree cousin (maternal).....2 Second degree paternal or maternal cousin.....3 Other blood (consanguinity) relatives4 Relatives by marriage.....5	

CHILD MORTALITY		CM
<i>This module is administered to all currently or formerly married women aged 15 – 49 years. All questions refer only to LIVE births.</i>		
CM1. NOW I WOULD LIKE TO ASK ABOUT ALL THE LIVE BIRTHS YOU HAVE HAD DURING YOUR LIFE. HAVE YOU EVER GIVEN BIRTH?	Yes1 No2	2⇒CM10
CM2. WHAT WAS THE DATE OF YOUR FIRST BIRTH? I MEAN THE VERY FIRST TIME YOU GAVE BIRTH, EVEN IF THE CHILD IS NO LONGER LIVING, OR WHOSE FATHER IS NOT YOUR CURRENT PARTNER. <i>Skip to CM4 only if year of first birth is given. Otherwise, continue with CM3.</i>	Date of first birth Day DK day.....98 Month..... DK month.....98 Year DK year.....9998	⇒CM4
CM3. HOW MANY YEARS AGO DID YOU HAVE YOUR FIRST BIRTH?	Completed years since first birth.....	
CM4. DO YOU HAVE ANY SONS OR DAUGHTERS TO WHOM YOU HAVE GIVEN BIRTH WHO ARE NOW LIVING WITH YOU?	Yes1 No2	2⇒CM6
CM5. HOW MANY SONS LIVE WITH YOU? HOW MANY DAUGHTERS LIVE WITH YOU? <i>If none, record '00'.</i>	Sons at home, Daughters at home.....	
CM6. DO YOU HAVE ANY SONS OR DAUGHTERS TO WHOM YOU HAVE GIVEN BIRTH WHO ARE ALIVE BUT DO NOT LIVE WITH YOU?	Yes1 No2	2⇒CM8
CM7. HOW MANY SONS ARE ALIVE BUT DO NOT LIVE WITH YOU? HOW MANY DAUGHTERS ARE ALIVE BUT DO NOT LIVE WITH YOU? <i>If none, record '00'.</i>	Sons elsewhere..... Daughters elsewhere	

CHILD MORTALITY		CM
CM8. HAVE YOU EVER GIVEN BIRTH TO A BOY OR GIRL WHO WAS BORN ALIVE BUT LATER DIED? <i>If "No" probe by asking:</i> I MEAN, TO A CHILD WHO EVER BREATHED OR CRIED OR SHOWED OTHER SIGNS OF LIFE – EVEN IF HE OR SHE LIVED ONLY A FEW MINUTES OR HOURS?	Yes 1 No 2	2⇒CM10
CM9. HOW MANY BOYS HAVE DIED? HOW MANY GIRLS HAVE DIED? <i>If none, record '00'.</i>	Boys dead..... Girls dead	
CM10. <i>Sum answers to CM5, CM7, and CM9.</i> If the answer to CM1 is 'No', then record '00'.	Sum	
CM11. JUST TO MAKE SURE THAT I HAVE THIS RIGHT, YOU HAVE HAD IN TOTAL (<i>total number in CM10</i>) LIVE BIRTHS DURING YOUR LIFE. IS THIS CORRECT? <input type="checkbox"/> No. ⇒ Check responses to CM1-CM10 and make corrections as necessary before proceeding. <input type="checkbox"/> Yes. Check below: <input type="checkbox"/> No births (CM10=00) ⇒ Go to BH13 <input type="checkbox"/> One or more births ⇒ Continue with Birth history module		

BIRTH HISTORY MODULE
BH

**I WOULD LIKE NOW TO RECORD THE NAMES OF ALL THE CHILDREN YOU HAVE GIVEN BIRTH TO,
WHETHER ALIVE OR NOT, STARTING FROM YOUR FIRST CHILD.**

**FEMALE INTERVIEWER: RECORD THE NAMES OF ALL CHILDREN UNDER BH1. RECORD TWINS IN
SEPARATE ROWS.**

BH1	BH2	BH3	BH4	BH5	BH6	BH7	BH8	BH9	BH10	
					If alive			If dead		
	WHAT IS THE NAME OF YOUR (FIRST / NEXT) CHILD?	Is ANY OF THESE CHILDREN A TWIN?	IS THE (NAME) A BOY OR A GIRL?	In what month and year was the (name) born? Probe: what is his or her birthday?	IS THE (NAME) STILL ALIVE?	How old was he or she on his or her last birthday? Record age in completed years	Does the (name) live with you?	Record the child's number in family. Record 00 (if not listed in the household form)	How old was the (name) when he died? IF LESS THAN A MONTH, RECORD AGE IN DAYS. IF LESS THAN TWO YEARS, RECORD AGE IN MONTHS. IF TWO OR MORE YEARS, RECORD AGE IN YEARS.	WAS THERE ANOTHER LIVE BIRTH BETWEEN (NAME OF PREVIOUS CHILD) AND (NAME)?
01		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ Next line	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	
02		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ BH10	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
03		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ BH10	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
04		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ BH10	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
05		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ BH10	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
06		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ BH10	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
07		Single 1 Twins 2	Boy..1 Girl ..2	Month ____ Year ____	Yes.. 1 No....2 ⇒BH9	— —	Yes 1 No 2 ⇒ BH10	— — — ⇒ BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2

BIRTH HISTORY MODULE										BH
08		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
09		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
10		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
11		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
12		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
13		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
14		Single 1 Twins 2	Boy.. 1 Girl.. 2	Month ____ Year ____	Yes.. 1 No....2 \Leftrightarrow BH9	— —	Yes 1 No 2	— \Leftrightarrow BH10	Days ____ 1 Months ____ 2 Years ____ 3	Yes1 No2
BH11. HAVE YOU GIVEN ANY LIVE BIRTH SINCE THE BIRTH OF (NAME OF LAST CHILD)?										Yes.....1 No.....2
BH12. Compare CM10 with the number of children in the previous birth history table. Tick the box corresponding to the result of the comparison:										
<input type="checkbox"/> Numbers are consistent. <input type="checkbox"/> Numbers are inconsistent → probe and reconsider the case.										
Then check:										
For every child				year of birth recorded				<input type="checkbox"/>		
For every living child				current age recorded				<input type="checkbox"/>		
For every dead child				age at death registered				<input type="checkbox"/>		
Death at 12 months or one year				probe to count the exact number of months				<input type="checkbox"/>		
BH13. SOME PREGNANCIES END WITH ABORTION OR MISCARRIAGE BEFORE THE 24 WEEK OF PREGNANCY. HAVE YOU EXPERIENCED ANY ABORTION OR MISCARRIAGE?						Yes.....1 No.....2		2 \Rightarrow BH15		

BIRTH HISTORY MODULE		BH
BH 14. HOW MANY ABORTIONS OR MISCARRIAGES DID YOU EXPERIENCE?	No of abortions/miscarriages DK/Don't remember.....98	
BH 15. HAVE YOU EVER DELIVERED A STILLBIRTH - 24 WEEKS AFTER PREGNANCY?	Yes.....1 No.....2	2⇒ CM12
BH 16 HOW MANY STILLBIRTHS HAVE YOU DELIVERED?	Number of stillbirths..... DK/Don't remember.....98	
CM12. COPY MONTH AND YEAR OF LAST BIRTH FROM BH4 AND ASK THE RESPONDENT FOR THE DAY OF LAST BIRTH	Date of last birth Day..... DK day.....98 Month..... Year	
CM13. Check CM12: Last birth occurred within the last 2 years, that is, since (day and month of interview) in 2009 ? <input type="checkbox"/> No live birth in last 2 years. ⇒ Go to ILLNESS SYMPTOMS module. <input type="checkbox"/> Yes, live birth in last 2 years. ⇒ Ask for the name of the child Name of child_____		
If child has died, take special care when referring to this child by name in the following modules. Continue with the next module.		

DESIRE FOR LAST BIRTH			DB
<p><i>This module is to be administered to all women with a live birth in the 2 years preceding date of interview.</i></p> <p>Record name of last-born child here _____ From CM13</p> <p>Use this child's name in the following questions, where indicated.</p>			
DB1. WHEN YOU GOT PREGNANT WITH (name), DID YOU WANT TO GET PREGNANT AT THAT TIME?	Yes.....1 No.....2	1⇒Next Module	
DB2. DID YOU WANT TO HAVE A BABY LATER ON, OR DID YOU NOT WANT ANY (MORE) CHILDREN?	Later.....1 No more.....2	2 ⇒ DB4	
DB3. HOW MUCH LONGER DID YOU WANT TO WAIT?	Months.....1 ____ Years.....2 ____ DK.....998		
DB4. DID YOUR HUSBAND WANT YOU TO GET PREGNANT?	Yes.....1 No.....2	1 ⇒ Next Module	
DB5. DID YOUR HUSBAND WANT TO HAVE A BABY LATER ON, OR DID NOT HE WANT ANY (MORE) CHILDREN?	Later.....1 No more.....2	2 ⇒ Next Module	
DB6. HOW MUCH LONGER DID YOUR HUSBAND WANT TO WAIT?	Months.....1 ____ Years.....2 ____ DK.....998		

MATERNAL AND NEWBORN HEALTH
MN

This module is to be administered to all currently or formerly married women women with a live birth in the 2 years preceding date of interview.

Check child mortality module CM13 and record name of last-born child here _____.

Use this child's name in the following questions, where indicated.

MN1. DID YOU SEE ANYONE FOR ANTEPARTUM CARE DURING YOUR PREGNANCY WITH (name)?	Yes No	1 2 2⇒MN5
MN2. WHOM DID YOU SEE? <i>Probe: ANYONE ELSE?</i> <i>Probe for the type of person seen and circle all answers given.</i>	Health professional: Public doctor..... Private doctor, Nurse / licensed midwife..... Other person Traditional birth attendant.....F A female relative or a friendG Other (specify) _____X	A B C F G X
MN2A. IN WHICH MONTH OF PREGNANCY DID YOU RECEIVE ANTEPARTUM CARE FOR THE FIRST TIME?	Month..... DK.....	— 98
MN2B. IN MOST INSTANCES DID YOU VISIT A PUBLIC OR PRIVATE HEALTH INSTITUTION, TO RECEIVE ANTEPARTUM CARE DURING YOUR PREGNANCY?	Yes, Public hospital Yes, Primary health care centre Yes, Popular medicine clinic. Yes, Private hospital..... Yes, Private clinic No	1 2 3 4 5 6 6⇒MN3
MN2C. WHY DID YOU CHOOSE THE INSTITUTION YOU VISITED TO RECEIVE ANTEPARTUM CARE?	Proximity..... Usually go there Cost Security..... Told to go there Referred to it to receive specialised care .. Trust Don't know other institution .. Other (specify) _____	01 02 03 04 05 06 07 08 96
MN3. HOW MANY TIMES DID YOU RECEIVE ANTEPARTUM CARE DURING THIS PREGNANCY? <i>(See the medical card if available)</i>	Number of times, DK.....	— 98
MN4. AS PART OF YOUR ANTEPARTUM CARE DURING THIS PREGNANCY, WERE ANY OF THE FOLLOWING DONE AT LEAST ONCE: [A] WAS YOUR BLOOD PRESSURE MEASURED? [B] DID YOU GIVE A URINE SAMPLE? [C] DID YOU GIVE A BLOOD SAMPLE? [D] WERE YOU WEIGHED?	Yes No Blood pressure Urine sample Blood sample..... Weighed.....	1 2 1 2 1 2 1 2

MATERNAL AND NEWBORN HEALTH			MN
MN5. DO YOU HAVE A CARD OR OTHER DOCUMENT WITH YOUR OWN IMMUNIZATIONS LISTED?	Yes (card seen) Yes (card not seen) No DK	1 2 3 8	
MAY I SEE IT PLEASE? <i>If a card is presented, use it to assist with answers to the following questions.</i>			
MN6. WHEN YOU WERE PREGNANT WITH (<i>name</i>), DID YOU RECEIVE ANY INJECTION IN THE ARM OR SHOULDER TO PREVENT THE BABY FROM GETTING TETANUS, THAT IS CONVULSIONS AFTER BIRTH?	Yes No DK	1 2 8	2⇒MN9 8⇒MN9
MN7. HOW MANY TIMES DID YOU RECEIVE THIS TETANUS INJECTION DURING YOUR PREGNANCY WITH (<i>name</i>)? <i>If 7 or more times, record '7'</i>	Number of times..... DK	— 8	8⇒MN9
MN8. How many tetanus injections during last pregnancy were reported in MN7?			
<input type="checkbox"/> At least two tetanus injections during last pregnancy. ⇒ Go to MN12 <input type="checkbox"/> Fewer than two tetanus injections during last pregnancy. ⇒ Continue with MN9			
MN9. DID YOU RECEIVE ANY TETANUS INJECTION AT ANY TIME BEFORE YOUR PREGNANCY WITH (<i>name</i>), EITHER TO PROTECT YOURSELF OR ANOTHER BABY?	Yes No DK	1 2 8	2⇒MN12 8⇒MN12
MN10. HOW MANY TIMES DID YOU RECEIVE A TETANUS INJECTION BEFORE YOUR PREGNANCY WITH (<i>name</i>)? <i>If 7 or more times, record '7'.</i>	Number of times..... DK	— 8	8⇒MN12
MN11. HOW MANY YEARS AGO DID YOU RECEIVE THE LAST TETANUS INJECTION BEFORE YOUR PREGNANCY WITH (<i>name</i>)?	Years ago	—	
MN12. Check MN1 for presence of antenatal care during this pregnancy:			
<input type="checkbox"/> Yes, antenatal care received. ⇒ Continue with MN13A <input type="checkbox"/> No antenatal care received ⇒ Go to MN17			
MN13A. DID YOU TAKE FEROFOL CAPSULE SINCE THE FOURTH MONTH OF PREGNANCY?	Yes No DK.....	1 2 8	2⇒MN17 8⇒MN17
MN13B. DID YOU TAKE THE FEROFOL CAPSULE CONSTANTLY OR INTERMITTENTLY?	Constantly Intermittently	1 2	

MATERNAL AND NEWBORN HEALTH			MN
MN13C DID YOU TAKE VITAMIN "A" SUPPLEMENTATION DURING POSTPARTUM PERIOD	Yes 1 No 2 DK 8		
MN17. WHO ASSISTED WITH THE DELIVERY OF (name)? <i>Probe:</i> ANYONE ELSE? <i>Probe for the type of person assisting and circle all answers given.</i> <i>If respondent says no one assisted, probe to determine whether any adults were present at the delivery.</i>	Health professional: Public Doctor A Private doctor B Nurse / licensed midwife C Other person Traditional birth attendant F A female relative / friend G Other (specify) _____ X No one _____ Y		
MN18. WHERE DID YOU GIVE BIRTH TO (name)? <i>Probe to identify the type of source.</i> <i>If unable to determine whether public or private, write the name of the place.</i> _____ (Name of place)	Home Your home 11 Midwife (grandmother) home 12 Other home 13 Public sector Govt. hospital 21 Delivery theatre in a primary health care centre / Govt. health centre 22 Other public facility (specify) 26 Private Medical Sector Private hospital 31 Private clinic 32 Other private medical (specify) 36 Other (specify) 96	11⇒MN20 12⇒MN20 96⇒MN20	
MN19. WAS (name) DELIVERED BY CAESAREAN SECTION? THAT IS, DID THEY CUT YOUR BELLY OPEN TO TAKE THE BABY OUT?	Yes 1 No 2		
MN19A DURING YOUR VISIT TO THE INSTITUTION, WERE YOU PRESCRIBED ANY METHOD FOR FAMILY PLANNING?	Yes 1 No 2	2 ⇒ MN20	
MN 19B. WERE YOU ABLE TO GET THE PRESCRIBED METHOD FROM THE SAME INSTITUTION?	Yes 1 No 2		
MN20. WHEN (name) WAS BORN, WAS HE/SHE VERY LARGE, LARGER THAN AVERAGE, AVERAGE, SMALLER THAN AVERAGE, OR VERY SMALL?	Very large 1 Larger than average 2 Average 3 Smaller than average 4 Very small 5 DK 8		

MATERNAL AND NEWBORN HEALTH			MN
MN21. WAS (name) WEIGHED AT BIRTH? <i>Probe if there is a medical card</i>	Yes No DK.....	1 2 8	2⇒MN23 8⇒MN23
MN22. HOW MUCH DID (name) WEIGH? <i>Record weight from health card, if available.</i>	From card From recall..... DK.....	1 (kg) _____. ____ ____ 2 (kg) _____. ____ ____ 99.998	
MN23. HAS YOUR MENSTRUAL PERIOD RETURNED SINCE THE BIRTH OF (name)?	Yes No	1 2	
MN24. DID YOU EVER BREASTFEED (name)?	Yes No	1 2	2⇒Next Module
MN25. HOW LONG AFTER BIRTH DID YOU FIRST PUT (name) TO THE BREAST? <i>If less than 1 hour, record '00' hours. If less than 24 hours, record hours. Otherwise, record days.</i>	Immediately Hours Days Don't know / remember	000 _____. ____ 1 _____. ____ 2 998	
MN26. IN THE FIRST THREE DAYS AFTER DELIVERY, WAS (name) GIVEN ANYTHING TO DRINK OTHER THAN BREAST MILK?	Yes No	1 2	2⇒NEXT MODULE
MN27. WHAT WAS (name) GIVEN TO DRINK? <i>ANYTHING ELSE?</i>	Milk (other than breast milk) Plain water..... Sugar or glucose water Gripe water..... Sugar-salt-water solution..... Fruit juice..... Infant formula Tea / Infusions..... Honey Other (specify) _____	A B C D E F G H I X	

ILLNESS SYMPTOMS

IS

IS1. Check Household Listing, column HL9

Is the respondent the mother or caretaker of any child under age 5?

Yes ⇔ Continue with IS2.

No ⇔ Go to Next Module.

IS2. SOMETIMES CHILDREN HAVE SEVERE
ILLNESSES AND SHOULD BE TAKEN
IMMEDIATELY TO A HEALTH FACILITY.
WHAT TYPES OF SYMPTOMS WOULD CAUSE
YOU TO TAKE YOUR CHILD TO A HEALTH
FACILITY RIGHT AWAY?

Probe:

ANY OTHER SYMPTOMS?

*Keep asking for more signs or symptoms until
the mother/caretaker cannot recall any
additional symptoms.*

*Circle all symptoms mentioned, but do NOT
prompt with any suggestions*

- | | |
|---|---|
| Child not able to drink or breastfeed | A |
| Child becomes sicker | B |
| Child develops a fever..... | C |
| Child has fast breathing | D |
| Child has difficult breathing | E |
| Child has blood in stool..... | F |
| Child is drinking poorly | G |
| Frequent vomiting | H |
| Convulsions | I |
| Unconsciousness (Sleepiness) disorder..... | J |
| Child cries a lot..... | K |
| Child has Diarrhoea..... | L |
| Other (specify) _____ | X |
| Other (specify) _____ | Y |
| Other (specify) _____ | Z |

CONTRACEPTION		CP
CP1. I WOULD LIKE TO TALK WITH YOU ABOUT ANOTHER SUBJECT – FAMILY PLANNING. ARE YOU PREGNANT NOW?	Yes, currently pregnant1 No2 Unsure or DK8	1⇒Next Module
CP2. COUPLES USE VARIOUS WAYS OR METHODS TO DELAY OR AVOID A PREGNANCY. ARE YOU CURRENTLY DOING SOMETHING OR USING ANY METHOD TO DELAY OR AVOID GETTING PREGNANT?	Yes.....1 No2	1⇒ CP3
CP2A. WHAT IS THE REASON FOR NOT USING ANY WAYS TO DELAY OR AVOID PREGNANCY? ANY OTHER REASON?	Want to have a baby.....A Health reasons.....B Religious reasons.....C Husband is not convinced.....D Wife is not convinced.....E High cost of contraception.....F Other (specify).....X	A⇒CP6 B⇒CP6 C⇒CP6 D⇒CP6 E⇒CP6 F⇒CP6 X⇒CP6
CP3. WHAT ARE YOU DOING TO AVOID OR DELAY A PREGNANCY? <i>Do not prompt. If more than one method is mentioned, circle each one.</i>	Female sterilization.....A IUD.....C Injectables.....D ImplantsE PillF Male condomG Female condomH DiaphragmI Foam / JellyJ Lactational amenorrhoea method (LAM)K Periodic abstinence/Rhythm (one week after menstruationL WithdrawalM Other (specify) X	K⇒CP6 L⇒CP6 M⇒CP6
CP4. WHERE DID YOU GET THIS CURRENT METHOD FOR THE LAST TIME?	Public sector Governmental hospital.....11 Primary health care centre.....12 Popular medicine clinic.....13 Other (specify).....16 Private medical sector Private hospital or clinic.....21 Private doctor.....22 Private pharmacist.....23 Health worker.....24 Other (specify).....26 Other sources Family.....31 Relative or friend.....32 Shop or druggist / spice dealer.....33	
CP5. DO YOU PAY FOR THIS METHOD OR GET IT FOR FREE?	For free.....1 Pay.....2	
CP6. DID YOU RECEIVE ADVICE / CONSULTATION OR INSTRUCTIONS / GUIDANCE ON FAMILY PLANNING?	Yes.....1 No.....2	2 → NEXT MODULE

CONTRACEPTION	CP																														
CP7. WHO PROVIDED YOU WITH THIS ADVICE / CONSULTATION?	<table> <tr> <td>Public sector</td><td></td></tr> <tr> <td>Governmental hospital.....</td><td>11</td></tr> <tr> <td>Primary health care centre.....</td><td>12</td></tr> <tr> <td>Popular medicine clinic.....</td><td>13</td></tr> <tr> <td>Other (specify).....</td><td>16</td></tr> <tr> <td>Private medical sector</td><td></td></tr> <tr> <td>Private hospital or clinic.....</td><td>21</td></tr> <tr> <td>Private doctor.....</td><td>22</td></tr> <tr> <td>Private pharmacist.....</td><td>23</td></tr> <tr> <td>Health worker.....</td><td>24</td></tr> <tr> <td>Other (specify).....</td><td>26</td></tr> <tr> <td>Other sources</td><td></td></tr> <tr> <td>Family.....</td><td>31</td></tr> <tr> <td>Relative or friend.....</td><td>32</td></tr> <tr> <td>Shop or druggist / spice dealer.....</td><td>33</td></tr> </table>	Public sector		Governmental hospital.....	11	Primary health care centre.....	12	Popular medicine clinic.....	13	Other (specify).....	16	Private medical sector		Private hospital or clinic.....	21	Private doctor.....	22	Private pharmacist.....	23	Health worker.....	24	Other (specify).....	26	Other sources		Family.....	31	Relative or friend.....	32	Shop or druggist / spice dealer.....	33
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Health worker.....	24																														
Other (specify).....	26																														
Other sources																															
Family.....	31																														
Relative or friend.....	32																														
Shop or druggist / spice dealer.....	33																														

UNMET NEED		UN
<p>UN1. Check CP1. Currently pregnant?</p> <p><input type="checkbox"/> Yes, currently pregnant ⇒ Continue with UN2</p> <p><input type="checkbox"/> No, unsure or DK ⇒ Go to UN5</p>		
UN2. Now I WOULD LIKE TO TALK TO YOU ABOUT YOUR CURRENT PREGNANCY. WHEN YOU GOT PREGNANT, DID YOU WANT TO GET PREGNANT AT THAT TIME?	Yes..... No.....	1 2 1⇒UN4
UN3. DID YOU WANT TO HAVE A BABY LATER ON OR DID YOU NOT WANT ANY (MORE) CHILDREN?	Later, No more	1 2 1⇒UN4
UN4. Now I WOULD LIKE TO ASK SOME QUESTIONS ABOUT THE FUTURE. AFTER THE CHILD YOU ARE NOW EXPECTING, WOULD YOU LIKE TO HAVE ANOTHER CHILD, OR WOULD YOU PREFER NOT TO HAVE ANY MORE CHILDREN?	Have another child..... No more / None..... Undecided / Don't know	1 2 8 1⇒UN7 2⇒UN13 8⇒UN13
<p>UN5. Check CP3. Currently using "Female sterilization"?</p> <p><input type="checkbox"/> Yes ⇒ Go to UN13</p> <p><input type="checkbox"/> No ⇒ Continue with UN6</p>		
UN6. Now I WOULD LIKE TO ASK YOU SOME QUESTIONS ABOUT THE FUTURE. WOULD YOU LIKE TO HAVE (A/ANOTHER) CHILD, OR WOULD YOU PREFER NOT TO HAVE ANY (MORE) CHILDREN?	Have (a/another) child..... No more / None..... Says she cannot get pregnant..... Undecided / Don't know	1 2 3 8 2⇒UN9 3⇒UN11 8⇒UN9
UN7. HOW LONG WOULD YOU LIKE TO WAIT BEFORE THE BIRTH OF (A/ANOTHER) CHILD?	Months Years..... Soon / Now Says she cannot get pregnant..... Other Don't know	1 ____ 2 ____ 993 994 996 998 994⇒UN11
<p>UN8. Check CP1. Currently pregnant?</p> <p><input type="checkbox"/> Yes, currently pregnant ⇒ Go to UN13</p> <p><input type="checkbox"/> No, unsure or DK ⇒ Continue with UN9</p>		

UNMET NEED		UN
UN9. Check CP2. Currently using a method?		
<input type="checkbox"/> Yes \Rightarrow Go to UN13 <input type="checkbox"/> No \Rightarrow Continue with UN10		
UN10. DO YOU THINK YOU ARE PHYSICALLY ABLE TO GET PREGNANT AT THIS TIME?	Yes..... No..... DK.....	1 \Rightarrow UN13 2 8 \Rightarrow UN13
UN11. WHY DO YOU THINK YOU ARE NOT PHYSICALLY ABLE TO GET PREGNANT?	Infrequent sex / No sex..... A Menopausal B Never menstruated C Hysterectomy (surgical removal of uterus)..... D Has been trying to get pregnant for 2 years or more without result E Postpartum amenorrheic F Breastfeeding G Fatalistic I Other (specify) _____ X Don't know Z	
UN12. Check UN11. "Never menstruated" mentioned?		
<input type="checkbox"/> Mentioned \Rightarrow Go to Next Module <input type="checkbox"/> Not mentioned \Rightarrow Continue with UN13		
UN13. WHEN DID YOUR LAST MENSTRUAL PERIOD START?	Days ago 1 ____ Weeks ago 2 ____ Months ago 3 ____ Years ago 4 ____ In menopause / Has had hysterectomy 994 Before last birth 995 Never menstruated 996	

ATTITUDES TOWARD DOMESTIC VIOLENCE				DV
		Yes	No	DK
DV1. SOMETIMES A HUSBAND IS ANNOYED OR ANGERED BY THINGS THAT HIS WIFE DOES. IN YOUR OPINION, IS A HUSBAND JUSTIFIED IN HITTING OR BEATING HIS WIFE IN THE FOLLOWING SITUATIONS:				
[A] IF SHE GOES OUT WITHOUT TELLING HIM?	Goes out without telling.....	1	2	8
[B] IF SHE NEGLECTS THE CHILDREN?	Neglects children.....	1	2	8
[C] IF SHE ARGUES WITH HIM?	Argues with him.....	1	2	8
[D] IF SHE REFUSES TO HAVE SEX WITH HIM?	Refuses sex	1	2	8
[E] IF SHE BURNS THE FOOD?	Burns food.....	1	2	8
[F] IF HE FEELS SHE IS A SQUANDERER (CARELESS SPENDER)	Is a squanderer (careless spender).	1	2	8
[G] IF SHE DISCLOSES THE HUSBAND OR HOUSEHOLD SECRETS?	Discloses secrets.....	1	2	8

FEMALE GENITAL MUTILATION/CUTTING			FG
FG1. HAVE YOU EVER HEARD OF FEMALE CIRCUMCISION?	Yes.....1 No2		1 ⇒ FG3
FG2. IN SOME COUNTRIES, THERE IS A PRACTICE IN WHICH A GIRL MAY HAVE PART OF HER GENITALS CUT. HAVE YOU EVER HEARD ABOUT THIS PRACTICE?	Yes.....1 No2		2 ⇒ NEXT MODULE
FG3. HAVE YOU YOURSELF EVER BEEN CIRCUMCISED?	Yes.....1 No2		2 ⇒ FG9A
FG7. HOW OLD WERE YOU WHEN YOU WERE CIRCUMCISED? <i>If the respondent does not know the exact age, probe to get an estimate</i>	Age at circumcision.....— DK / Don't remember / Not sure 98		
FG8. WHO PERFORMED THE CIRCUMCISION?	Health professional Governmental doctor 11 Private doctor 12 Nurse / licensed midwife 13 Other persons Traditional birth attendant 21 Female relative or friend 22 Other (specify) 96 DK / Don't remember / Unsure 98		
<p>FG9A. Check MA1 and MA5 from marriage module: Is the woman single or never married?</p> <p><input type="checkbox"/> Yes, single or never married ⇒ FG22 <input type="checkbox"/> No, Continue FG9</p>			
<p>FG9. Check CM5 and CM7 from child mortality module: Does the woman have one or more living daughters?</p> <p><input type="checkbox"/> Yes, one or more living daughters ⇒ FG10A <input type="checkbox"/> No, Go to ⇒ FG22</p>			
FG10A. HAS/HAVE YOUR LIVING DAUGHTER/ ANY OF YOUR LIVING DAUGHTERS BEEN CIRCUMCISED? <i>If yes: How many?</i>	Number of daughters circumcised: ... — No daughters circumcised 00		00 ⇒ FG22
FG 16A. NUMBER OF YEARS SINCE THE MOST RECENT CIRCUMCISION WAS DONE TO ANY OF YOUR DAUGHTERS	Number of years.....— DK/ Don't remember/Unsure.....98		
FG20A. WHO PERFORMED THIS CIRCUMCISION?	Health professional Governmental doctor A Private doctor B Nurse / licensed midwife C Other persons Traditional (unlicensed) midwife (Arab grandmother) F Female relative or friend G Other (specify)		

FEMALE GENITAL MUTILATION/CUTTING			FG
FG22. DO YOU THINK THIS PRACTICE SHOULD BE CONTINUED OR SHOULD IT BE DISCONTINUED?	Continued 1 Discontinued 2 Depends 3 DK 8		2,3,8 ⇔ NEXT MODULE
FG23. WHY DO YOU THINK THAT THIS PRACTICE SHOULD BE CONTINUED?	Social Norm for purity 1 To maintain the girls chastity 2 Health reasons 3 Other (specify _____) 6 DK 8		

HIV/AIDS		HA
HA1. NOW I WOULD LIKE TO TALK WITH YOU ABOUT SOMETHING ELSE.	Yes.....1 No2	
HAVE YOU EVER HEARD OF AN ILLNESS CALLED AIDS?		2⇒WM11
HA1A. IN CASE OF INFECTION WITH ANY SEXUALLY TRANSMITTED DISEASE (STD), DO YOU BELIEVE THAT IT IS NECESSARY FOR THE HUSBAND / WIFE TO BE TESTED, EVEN IF HE / SHE HAD NO SYMPTOMS?	Yes.....1 No2 DK.....8	
HA2. CAN PEOPLE REDUCE THEIR CHANCE OF GETTING THE AIDS VIRUS BY HAVING JUST ONE UNINFECTED SEX PARTNER WHO HAS NO OTHER SEX PARTNERS?	Yes.....1 No2 DK.....8	
HA3. CAN PEOPLE GET THE AIDS VIRUS BECAUSE OF WITCHCRAFT OR OTHER SUPERNATURAL MEANS?	Yes.....1 No2 DK.....8	
HA3A. IN YOUR OPINION, WHAT IS THE BEST METHOD TO INCREASE PEOPLE'S KNOWLEDGE / AWARENESS ABOUT AIDS?	School curricula.....11 Television messages.....12 Radio messages.....13 Newspapers.....14 Signs / slogans / advertising boards 15 Health education sessions 16 Other (specify) _____ 96	
HA4. CAN PEOPLE REDUCE THEIR CHANCE OF GETTING THE AIDS VIRUS BY USING A CONDOM EVERY TIME THEY HAVE SEX?	Yes.....1 No2 DK.....8	
HA4A. DO YOU BELIEVE IN THE IMPORTANCE OF HIV TESTING AS PART OF PRE-MARRIAGE TESTS?	Yes.....1 No2 DK8	
HA5. CAN PEOPLE GET THE AIDS VIRUS FROM MOSQUITO BITES?	Yes.....1 No2 DK.....8	
HA6. CAN PEOPLE GET THE AIDS VIRUS BY SHARING FOOD WITH A PERSON WHO HAS THE AIDS VIRUS?	Yes.....1 No2 DK.....8	
HA7. IS IT POSSIBLE FOR A HEALTHY-LOOKING PERSON TO HAVE THE AIDS VIRUS?	Yes.....1 No2 DK.....8	
HA7A. CAN AN INDIVIDUAL CONTRACT HIV THROUGH USING AN UNSTERILIZED SYRINGE/ NEEDLE PREVIOUSLY USED BY SOMEONE ELSE?	Yes.....1 No2 DK.....8	

HIV/AIDS			HA	
HA8. CAN THE VIRUS THAT CAUSES AIDS BE TRANSMITTED FROM A MOTHER TO HER BABY:				
[A] DURING PREGNANCY? [B] DURING DELIVERY? [C] BY BREASTFEEDING?	Yes During pregnancy	No During delivery	DK By breastfeeding.....	
HA9. IN YOUR OPINION, IF A FEMALE TEACHER HAS THE AIDS VIRUS BUT IS NOT SICK, SHOULD SHE BE ALLOWED TO CONTINUE TEACHING IN SCHOOL?	Yes.....	1		
	No	2		
	DK / Not sure / Depends.....	8		
HA10. WOULD YOU BUY FRESH VEGETABLES FROM A SHOPKEEPER OR VENDOR IF YOU KNEW THAT THIS PERSON HAD THE AIDS VIRUS?	Yes.....	1		
	No	2		
	DK / Not sure / Depends.....	8		
HA11. IF A MEMBER OF YOUR FAMILY GOT INFECTED WITH THE AIDS VIRUS, WOULD YOU WANT IT TO REMAIN A SECRET?	Yes.....	1		
	No	2		
	DK / Not sure / Depends.....	8		
HA12. IF A MEMBER OF YOUR FAMILY BECAME SICK WITH AIDS, WOULD YOU BE WILLING TO CARE FOR HER OR HIM IN YOUR OWN HOUSEHOLD?	Yes.....	1		
	No	2		
	DK / Not sure / Depends.....	8		
HA12A: Check MA1 and MA5: Is the woman unmarried (MA1=3 and MA5=3)				
<input type="checkbox"/> Yes, go to \Rightarrow WM11				
<input type="checkbox"/> No \Rightarrow Continue with HA13				
HA13. Check CM13: Any live birth in last 2 years?				
<input type="checkbox"/> No live birth in last 2 years \Rightarrow Go to HA24				
<input type="checkbox"/> One or more live births in last 2 years \Rightarrow Continue with HA14				
HA14. Check MN1: Received antenatal care?				
<input type="checkbox"/> Received antenatal care \Rightarrow Continue with HA15				
<input type="checkbox"/> Did not receive antenatal care \Rightarrow Go to HA24				
HA15. DURING ANY OF THE ANTEPARTUM VISITS FOR YOUR PREGNANCY WITH (name),	Y	N	DK	
WERE YOU GIVEN ANY INFORMATION ABOUT: [A] BABIES GETTING THE AIDS VIRUS FROM THEIR MOTHER?	AIDS from mother	1	2	8
[B] THINGS THAT YOU CAN DO TO PREVENT GETTING THE AIDS VIRUS?	Things to do	1	2	8
[C] GETTING TESTED FOR THE AIDS VIRUS?	Tested for AIDS	1	2	8
WERE YOU: [D] OFFERED A TEST FOR THE AIDS VIRUS?	Offered a test	1	2	8

HIV/AIDS			HA
HA16. I DON'T WANT TO KNOW THE RESULTS, BUT WERE YOU TESTED FOR THE AIDS VIRUS AS PART OF YOUR ANTENATAL CARE?	Yes.....1 No2 DK8	2⇒HA19 8⇒HA19	
HA16A. DID YOU REQUEST FOR THIS AIDS VIRUS TEST YOURSELF, OR WAS IT OFFERED TO YOU AND THEN YOU ACCEPTED IT OR WAS IT REQUIRED?	Based on my request.....1 Offered and accepted.....2 Required.....3 DK.....8	1 2 3 8	
HA17. I DON'T WANT TO KNOW THE RESULTS, BUT DID YOU GET THE RESULTS OF THE TEST?	Yes.....1 No2 DK8	1 2 8	2⇒HA22 8⇒HA22
HA18. REGARDLESS OF THE RESULT, ALL WOMEN WHO ARE TESTED ARE SUPPOSED TO RECEIVE COUNSELING AFTER GETTING THE RESULT. AFTER YOU WERE TESTED, DID YOU RECEIVE COUNSELLING?	Yes.....1 No2 DK8	1 2 8	1⇒HA22 2⇒HA22 8⇒HA22
HA19. Check MN17: Birth delivered by health professional (A, B or C)?			
<input type="checkbox"/> Yes, birth delivered by health professional ⇒ Continue with HA20 <input type="checkbox"/> No, birth not delivered by health professional ⇒ Go to HA24			
HA20. I DON'T WANT TO KNOW THE RESULTS, BUT WERE YOU TESTED FOR THE AIDS VIRUS BETWEEN THE TIME YOU WENT FOR DELIVERY BUT BEFORE THE BABY WAS BORN?	Yes.....1 No2	1 2	2⇒HA24
HA21. I DON'T WANT TO KNOW THE RESULTS, BUT DID YOU GET THE RESULTS OF THE TEST?	Yes.....1 No2	1 2	
HA22. HAVE YOU BEEN TESTED FOR THE AIDS VIRUS SINCE THAT TIME YOU WERE TESTED DURING YOUR PREGNANCY?	Yes.....1 No2	1 2	1⇒HA25
HA23. WHEN WAS THE MOST RECENT TIME YOU WERE TESTED FOR THE AIDS VIRUS?	Less than 12 months ago1 12-23 months ago2 2 or more years ago.....3	1 2 3	1⇒WM11 2⇒WM11 3⇒WM11
HA24. I DON'T WANT TO KNOW THE RESULTS, BUT HAVE YOU EVER BEEN TESTED TO SEE IF YOU HAVE THE AIDS VIRUS?	Yes.....1 No2	1 2	2⇒HA27
HA25. WHEN WAS THE MOST RECENT TIME YOU WERE TESTED?	Less than 12 months ago1 12-23 months ago.....2 2 or more years ago3	1 2 3	
HA26. I DON'T WANT TO KNOW THE RESULTS, BUT DID YOU GET THE RESULTS OF THE TEST?	Yes.....1 No2 DK8	1 2 8	1⇒WM11 2⇒WM11 8⇒WM11
HA27. DO YOU KNOW OF A PLACE WHERE PEOPLE CAN GO TO GET TESTED FOR THE AIDS VIRUS?	Yes.....1 No2	1 2	

WM11. Record the time.	1.....AM 2.....Pm Hour and minutes.....__ : __	
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WM12. Check Household Listing Form, column HL9.

Is the respondent the mother or caretaker of any child age 0-4 living in this household?

Yes \Rightarrow Go to QUESTIONNAIRE FOR CHILDREN UNDER FIVE for that child and start the interview with this respondent.

No \Rightarrow End the interview with this respondent by thanking her for her cooperation.
Check for the presence of any other eligible woman or children under-5 in the household.

Interviewer's Observations

Field Supervisor's Observations

Name :.....Signature:.....Date: / /

Local Supervisor's Observations

Name :.....Signature:.....Date: / /

Central Supervisor's Observations

Name :.....Signature:.....Date: / /



QUESTIONNAIRE FOR CHILDREN UNDER FIVE IRAQ 2011

UNDER-FIVE CHILD INFORMATION PANEL		UF
<p><i>This questionnaire is to be administered to all mothers or caretakers (see Household Listing Form, column HL9) who care for a child that lives with them and is under the age of 5 years (see Household Listing Form, column HL6). A separate questionnaire should be used for each eligible child.</i></p>		
UF1. Cluster number: _____	UF2. Household number: _____	
UF3. Child's name: Name _____	UF4. Child's line number: _____	
UF5. Mother's / Caretaker's name: Name _____	UF6. Mother's / Caretaker's line number: _____	
UF7. Interviewer name and number: Name _____	UF8. Day / Month / Year of interview: _____/_____/_____	

Repeat greeting if not already read to this respondent:

If greeting at the beginning of the household questionnaire has already been read to this woman, then read the following:

WE ARE FROM *the Central Organisation for Statistics (CSO) and the Ministry of Health.*

WE ARE WORKING ON A PROJECT CONCERNED WITH FAMILY HEALTH AND EDUCATION. I WOULD LIKE TO TALK TO YOU ABOUT (*name*)'S HEALTH AND WELL-BEING. THE INTERVIEW WILL TAKE ABOUT 30 MINUTES. ALL THE INFORMATION WE OBTAIN WILL REMAIN STRICTLY CONFIDENTIAL AND YOUR ANSWERS WILL NEVER BE SHARED WITH ANYONE OTHER THAN OUR PROJECT TEAM.

MAY I START NOW?

- Yes, permission is given ⇒ Go to UF12 to record the time and then begin the interview.
- No, permission is not given ⇒ Complete UF9. Discuss this result with your supervisor

UF9. Result of interview for children under 5 <i>Codes refer to mother/caretaker.</i>	Completed 01 Not at home 02 Refused 03 Partly completed 04 Incapacitated 05 Other (specify) _____ 96
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UF10. Field editor (Name and number): Name _____	UF11. Local editor (Name and number): Name _____
UF11A. Central supervisor (Name and number): Name _____	UF11B. Data entry clerk (Name and number): Name _____

UF12. Record the time.	1.....AM Hour..... minutes.....	2.....PM
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AGE	AG
<p>AG1. NOW I WOULD LIKE TO ASK YOU SOME QUESTIONS ABOUT THE HEALTH OF (<i>name</i>).</p> <p>IN WHAT MONTH AND YEAR WAS (<i>name</i>) BORN?</p> <p><i>Probe:</i> WHAT IS HIS / HER BIRTHDAY?</p> <p><i>If the mother/caretaker knows the exact birth date, also enter the day; otherwise, circle 98 for day</i></p> <p><i>Month and year must be recorded.</i></p>	<p>Date of birth Day</p> <p>DK day.....98</p> <p>Month.....</p> <p>Year</p>
<p>AG2. HOW OLD IS (<i>name</i>)?</p> <p><i>Probe:</i> HOW OLD WAS (<i>name</i>) AT HIS / HER LAST BIRTHDAY?</p> <p><i>Record age in completed years.</i></p> <p><i>Record '0' if less than 1 year.</i></p> <p><i>Compare and correct AG1 and/or AG2 if inconsistent.</i></p>	<p>Age (in completed years)</p>

BIRTH REGISTRATION		BR
BR1. DOES (<i>name</i>) HAVE A BIRTH CERTIFICATE? <i>If yes, ask:</i> MAY I SEE IT? IF BIRTH CERTIFICATE IS PRESENTED, CHECK THE DATE IN AG1. IF SUCH CERTIFICATE IS NOT SEEN, TRY TO CHECK THE DATE USING ANOTHER DOCUMENT (THE CHILD'S VACCINATION CARD OR HEALTH CARD, ETC). CORRECT THE AGE GIVEN IN EC4 IF NECESSARY.	Yes, seen.....1 Yes, not seen.....2 No3 DK.....8	1⇒Next Module 2⇒Next Module
BR2. HAS (<i>name</i>)'S BIRTH BEEN REGISTERED WITH THE CIVIL AUTHORITIES?	Yes.....1 No2 DK.....8	1⇒Next Module
BR3. DO YOU KNOW HOW TO REGISTER YOUR CHILD'S BIRTH?	Yes.....1 No2	

EARLY CHILDHOOD DEVELOPMENT			EC											
EC1. HOW MANY CHILDREN'S BOOKS OR PICTURE BOOKS DO YOU HAVE FOR (<i>name</i>)?	None 00 Number of children's books 0 ____ Ten or more books 10													
EC2. I AM INTERESTED IN LEARNING ABOUT THE THINGS THAT (<i>name</i>) PLAYS WITH WHEN HE/SHE IS AT HOME. DOES HE/SHE PLAY WITH: [A] HOMEMADE TOYS (SUCH AS DOLLS, CARS, OR OTHER TOYS MADE AT HOME)? [B] TOYS FROM A SHOP OR MANUFACTURED TOYS? [C] HOUSEHOLD OBJECTS (SUCH AS BOWLS OR POTS) OR OBJECTS FOUND OUTSIDE (SUCH AS STICKS, ROCKS, ANIMAL SHELLS OR LEAVES)? <i>If the respondent says "YES" to the categories above, then probe to learn specifically what the child plays with to ascertain the response</i>	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">Y</td> <td style="text-align: center;">N</td> <td style="text-align: left;">DK</td> </tr> <tr> <td colspan="3">Homemade toys 1 2 8</td> </tr> <tr> <td colspan="3">Toys from a shop 1 2 8</td> </tr> <tr> <td colspan="3">Household objects or outside objects 1 2 8</td> </tr> </table>		Y	N	DK	Homemade toys 1 2 8			Toys from a shop 1 2 8			Household objects or outside objects 1 2 8		
Y	N	DK												
Homemade toys 1 2 8														
Toys from a shop 1 2 8														
Household objects or outside objects 1 2 8														
EC3. SOMETIMES ADULTS TAKING CARE OF CHILDREN HAVE TO LEAVE THE HOUSE TO GO SHOPPING, WASH CLOTHES, OR FOR OTHER REASONS AND HAVE TO LEAVE YOUNG CHILDREN. ON HOW MANY DAYS IN THE PAST WEEK WAS (<i>name</i>): [A] LEFT ALONE FOR MORE THAN AN HOUR? [B] LEFT IN THE CARE OF ANOTHER CHILD, THAT IS, SOMEONE LESS THAN 10 YEARS OLD, FOR MORE THAN AN HOUR? <i>If 'none' enter '0'. If 'don't know' enter '8'</i>	Number of days left alone for more than an hour ____ Number of days left with other child for more than an hour ____													
EC4. Check AG2: Age of child														
<input type="checkbox"/> Child age 3 or 4 \Rightarrow Continue with EC5 <input type="checkbox"/> Child age 0, 1 or 2 \Rightarrow Go to Next Module														
EC5. DOES (<i>name</i>) ATTEND ANY ORGANIZED LEARNING OR EARLY CHILDHOOD EDUCATION PROGRAMME, WHETHER IN THE PRIVATE OR GOVERNMENT SECTORS, INCLUDING KINDERGARTEN OR COMMUNITY CHILD CARE? (IF ANY)	Yes 1 No 2 DK 8		2 \Rightarrow EC7 8 \Rightarrow EC7											

EARLY CHILDHOOD DEVELOPMENT						EC
EC6. WITHIN THE LAST SEVEN DAYS, ABOUT HOW MANY HOURS DID (<i>name</i>) ATTEND IN THESE EDUCATIONAL INSTITUTIONS???	Number of hours.....					
EC7. IN THE PAST 3 DAYS, DID YOU OR ANY HOUSEHOLD MEMBER OVER 15 YEARS OF AGE ENGAGE IN ANY OF THE FOLLOWING ACTIVITIES WITH (<i>name</i>): <i>If yes, ask:</i> WHO ENGAGED IN THIS ACTIVITY WITH (<i>name</i>)? <i>CIRCLE ALL THAT APPLY.</i>						
		Mother	Father	Other	No one	
[A] READ BOOKS TO OR LOOKED AT PICTURE BOOKS WITH (<i>name</i>)?	Read books	A	B	X	Y	
[B] TOLD STORIES TO (<i>name</i>)?	Told stories	A	B	X	Y	
[C] SANG SONGS TO (<i>name</i>) OR WITH (<i>name</i>), INCLUDING LULLABIES?	Sang songs	A	B	X	Y	
[D] TOOK (<i>name</i>) OUTSIDE THE HOME, COMPOUND OR YARD?	Took outside	A	B	X	Y	
[E] PLAYED WITH (<i>name</i>)?	Played with	A	B	X	Y	
[F] NAMED, COUNTED, OR DREW THINGS to or with (<i>NAME</i>)?	Named/counted	A	B	X	Y	
G] HELPED HIM / HER MEMORIZE / RECITE RELIGIOUS VERSES?	Helped memorize / recite religious verses	A	B	X	Y	
EC8. I WOULD LIKE TO ASK YOU SOME QUESTIONS ABOUT THE HEALTH AND DEVELOPMENT OF YOUR CHILD. CHILDREN DO NOT ALL DEVELOP AND LEARN AT THE SAME RATE. FOR EXAMPLE, SOME WALK EARLIER THAN OTHERS. THESE QUESTIONS ARE RELATED TO SEVERAL ASPECTS OF YOUR CHILD'S DEVELOPMENT. CAN (<i>name</i>) IDENTIFY OR NAME AT LEAST TEN LETTERS OF THE ALPHABET?						
	Yes	1				
	No	2				
	DK.....	8				
EC9. CAN (<i>name</i>) READ AT LEAST FOUR SIMPLE, POPULAR WORDS?						
	Yes	1				
	No	2				
	DK.....	8				
EC10. DOES (<i>name</i>) KNOW THE NAME AND RECOGNIZE THE SYMBOL OF ALL NUMBERS FROM 1 TO 10?						
	Yes	1				
	No	2				
	DK.....	8				
EC11. CAN (<i>name</i>) PICK UP A SMALL OBJECT WITH	Yes					1

EARLY CHILDHOOD DEVELOPMENT		EC
TWO FINGERS, LIKE A STICK OR A ROCK FROM THE GROUND?	No 2 DK 8	
EC12. Is (<i>name</i>) SOMETIMES TOO SICK TO PLAY?	Yes 1 No 2 DK 8	
EC13. DOES (<i>name</i>) FOLLOW SIMPLE DIRECTIONS ON HOW TO DO SOMETHING CORRECTLY?	Yes 1 No 2 DK 8	
EC14. WHEN GIVEN SOMETHING TO DO, IS (<i>name</i>) ABLE TO DO IT INDEPENDENTLY?	Yes 1 No 2 DK 8	
EC15. DOES (<i>name</i>) GET ALONG WELL WITH OTHER CHILDREN?	Yes 1 No 2 DK 8	
EC16. DOES (<i>name</i>) KICK, BITE, OR HIT OTHER CHILDREN OR ADULTS?	Yes 1 No 2 DK 8	
EC17. DOES (<i>name</i>) GET DISTRACTED EASILY?	Yes 1 No 2 DK 8	

BREASTFEEDING			BF
BF1. HAS <i>(name)</i> EVER BEEN BREASTFED?	Yes 1 No 2 DK 8	2⇒BF3	
BF2. IS HE/SHE STILL BEING BREASTFED?	Yes 1 No 2 DK 8		
I WOULD LIKE TO ASK YOU ABOUT LIQUIDS THAT <i>(name)</i> MAY HAVE HAD YESTERDAY DURING THE DAY OR THE NIGHT. I AM INTERESTED IN WHETHER <i>(name)</i> HAD THE ITEM EVEN IF IT WAS COMBINED WITH OTHER FOODS.			
BF3. DID <i>(name)</i> DRINK PLAIN WATER YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8		
BF4. DID <i>(name)</i> DRINK INFANT FORMULA YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8	2⇒BF6	8⇒BF6
BF5. HOW MANY TIMES DID <i>(name)</i> DRINK INFANT FORMULA?	Number of times ____		
BF6. DID <i>(name)</i> DRINK MILK, SUCH AS TINNED, POWDERED OR FRESH ANIMAL MILK YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8	2⇒BF8	8⇒BF8
BF7. HOW MANY TIMES DID <i>(name)</i> DRINK TINNED, POWDERED OR FRESH ANIMAL MILK?	Number of times ____		
BF8. DID <i>(name)</i> DRINK JUICE OR JUICE DRINKS YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8		
BF9. DID <i>(name)</i> DRINK soup YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8		
BF10. DID <i>(name)</i> DRINK OR EAT VITAMIN OR MINERAL SUPPLEMENTS OR ANY MEDICINES YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8		
BF11. DID <i>(name)</i> DRINK ORS (ORAL REHYDRATION SOLUTION) YESTERDAY, DURING THE DAY OR NIGHT?	Yes 1 No 2 DK 8		

BREASTFEEDING			BF
BF12. DID (<i>name</i>) DRINK ANY OTHER LIQUIDS YESTERDAY, DURING THE DAY OR NIGHT?	Yes	1	
	No	2	
	DK.....	8	
BF13. DID (<i>name</i>) DRINK OR EAT YOGURT YESTERDAY, DURING THE DAY OR NIGHT?	Yes	1	
	No	2	2⇒BF15
	DK.....	8	8⇒BF15
BF14. HOW MANY TIMES DID (<i>name</i>) DRINK OR EAT YOGURT YESTERDAY, DURING THE DAY OR NIGHT?	Number of times.....	—	
BF15. DID (<i>NAME</i>) EAT THIN PORRIDGE YESTERDAY, DURING THE DAY OR NIGHT?	Yes	1	
	No	2	
	DK.....	8	
BF16. DID (<i>name</i>) EAT SOLID OR SEMI-SOLID (SOFT, MUSHY) FOOD YESTERDAY, DURING THE DAY OR NIGHT?	Yes	1	
	No	2	2⇒BF18
	DK.....	8	8⇒BF18
BF17. HOW MANY TIMES DID (<i>name</i>) EAT SOLID OR SEMI-SOLID (SOFT, MUSHY) FOOD YESTERDAY, DURING THE DAY OR NIGHT?	Number of times.....	—	
BF18. YESTERDAY, DURING THE DAY OR NIGHT, DID (<i>name</i>) DRINK ANYTHING FROM A BOTTLE WITH A NIPPLE?	Yes	1	
	No	2	
	DK.....	8	

CARE OF ILLNESS

CA1. IN THE LAST TWO WEEKS, HAS (name) HAD DIARRHOEA? <i>Diarrhoea is determined as perceived by mother or caretaker, or as three or more loose or watery stools per day, or blood in stool</i>	Yes 1 No 2 DK 8	2⇒CA6A 8⇒CA6A
CA2. I WOULD LIKE TO KNOW HOW MUCH (name) WAS GIVEN TO DRINK DURING THE DIARRHOEA (INCLUDING BREASTMILK). DURING THE TIME (name) HAD DIARRHOEA, WAS HE/SHE GIVEN LESS THAN USUAL TO DRINK, ABOUT THE SAME AMOUNT, OR MORE THAN USUAL? <i>If less, probe: WAS HE/SHE GIVEN MUCH LESS THAN USUAL TO DRINK, OR SOMEWHAT LESS?</i>	Much less 1 Somewhat less 2 About the same 3 More 4 Nothing to drink 5 DK 8	
CA3. DURING THE TIME (name) HAD DIARRHOEA, WAS HE/SHE GIVEN LESS THAN USUAL TO EAT, ABOUT THE SAME AMOUNT, MORE THAN USUAL, OR NOTHING TO EAT? <i>If "less", probe: WAS HE/SHE GIVEN MUCH LESS THAN USUAL TO EAT OR SOMEWHAT LESS?</i>	Much less 1 Somewhat less 2 About the same 3 More 4 Stopped food 5 Never given food due to age 6 DK 8	
CA4. DURING THE EPISODE OF DIARRHOEA, WAS (name) GIVEN TO DRINK ANY OF THE FOLLOWING: <i>Read each item aloud and record response before proceeding to the next item.</i> [A] ORS ORAL DEHYDRATION SALTS? [B] FLUID MADE FROM A PACKET CALLED ORAL DEHYDRATION SOLUTION OR DEXTROLYXTE?	Y N DK ORS 1 2 8 Oral dehydration fluid 1 2 8	
CA5. WAS ANYTHING (ELSE) GIVEN TO TREAT THE DIARRHOEA?	Yes 1 No 2 DK 8	2⇒CA7 8⇒CA7

CARE OF ILLNESS

<p>CA6. WHAT (ELSE) WAS GIVEN TO TREAT THE DIARRHOEA?</p> <p><i>Probe:</i> ANYTHING ELSE?</p> <p><i>Record all treatments given. Write brand name(s) of all medicines mentioned.</i></p> <p style="text-align: center;">(Name)</p>	<p>Pill or Syrup</p> <p>Antibiotic A Antimotility B Zinc (anti-diarrhea tablets) C Other (Not antibiotic, antimotility or zinc) G Unknown pill or syrup H</p> <p>Injection</p> <p>Antibiotic L Non-antibiotic M Unknown injection N</p> <p>Intravenous O</p> <p>Home remedy / Herbal medicine Q</p> <p>Other (<i>specify</i>) X</p>	
<p>CA6A. HAVE YOU EVER HEARD OF A SPECIAL MEDICINE CALLED “ORAL DEHYDRATION SOLUTION” (DEXTROLYTE) FOR DIARRHOEA TREATMENT?</p>	<p>Yes 1 No 2</p>	<p>2⇒CA7</p>
<p>CA6B. HAVE YOU EVER PREPARED IT?</p>	<p>Yes 1 No 2</p>	<p>2⇒CA7</p>
<p>CA6C. HOW MUCH WATER DID YOU USE TO PREPARE DEXTROLYTE?</p>	<p>Half a litre 1 One litre 2 2 litres 3 Other 4 DK 8</p>	
<p>CA6D. WHAT TYPE OF WATER DID YOU USE TO DISSOLVE DEXTROLYTE?</p>	<p>Piped water 1 Boiled water 2 Bottled water 3 Other 4 DK 8</p>	
<p>CA7. AT ANY TIME IN THE LAST TWO WEEKS, HAS (name) HAD AN ILLNESS WITH A COUGH?</p>	<p>Yes 1 No 2 DK 8</p>	<p>2⇒CA14 8⇒CA14</p>
<p>CA8. WHEN (name) HAD AN ILLNESS WITH A COUGH, DID HE/SHE BREATHE FASTER THAN USUAL WITH SHORT, RAPID BREATHS OR HAVE DIFFICULTY BREATHING?</p>	<p>Yes 1 No 2 DK 8</p>	<p>2⇒CA14 8⇒CA14</p>
<p>CA9. WAS THE FAST OR DIFFICULT BREATHING DUE TO A PROBLEM IN THE CHEST OR A BLOCKED OR RUNNY NOSE?</p>	<p>Problem in chest only 1 Blocked or runny nose only 2 Both 3 Other (<i>specify</i>) 6 DK 8</p>	<p>2⇒CA14 6⇒CA14</p>
<p>CA10. DID YOU SEEK ANY ADVICE OR TREATMENT FOR THE ILLNESS FROM ANY SOURCE?</p>	<p>Yes 1 No 2 DK 8</p>	<p>2⇒CA12 8⇒CA12</p>

CARE OF ILLNESS

<p>CA11. FROM WHERE DID YOU SEEK ADVICE OR TREATMENT?</p> <p><i>Probe:</i> ANYWHERE ELSE?</p> <p><i>Circle all providers mentioned, but do NOT prompt with any suggestions.</i></p> <p><i>Probe to identify each type of source.</i></p> <p><i>If unable to determine if public or private sector, write the name of the place.</i></p> <p>_____ <i>(Name of place)</i></p>	<p>Public sector</p> <p>Govt. hospital A Govt. health centre B Govt. health post C Health worker D Team during health campaigns E Other public (specify) _____ F</p> <p>Private medical sector</p> <p>Private hospital / clinic G Private physician H Private pharmacy I Other private medical (specify) _____ J</p> <p>Other source</p> <p>Relative / Friend P Herbal medicine shop/ attar Q Traditional practitioner R</p> <p>Other (specify) _____ X</p>	
<p>CA12. WAS (name) GIVEN ANY MEDICINE TO TREAT THIS ILLNESS?</p>	<p>Yes 1 No 2 DK 8</p>	<p>2⇒CA14 8⇒CA14</p>
<p>CA13. WHAT MEDICINE WAS (name) GIVEN?</p> <p><i>Probe:</i> ANY OTHER MEDICINE?</p> <p><i>Circle all medicines given. Write brand name(s) of all medicines mentioned.</i></p> <p>_____ <i>(Names of medicines)</i></p>	<p>Antibiotic</p> <p>Pill / Syrup A Injection B</p> <p>Antipyretics C</p> <p>Decongestant D Antitusive E Paracetamol / Panadol / Acetaminophen P Aspirin Q Ibuprofen R</p> <p>Other (specify) _____ X DK Z</p>	
<p>CA14. Check AG2: Child aged under 3?</p>		
<p><input type="checkbox"/> Yes ⇒ Continue with CA15</p>		
<p><input type="checkbox"/> No ⇒ Go to Next Module</p>		
<p>CA15. THE LAST TIME (name) PASSED STOOLS, WHAT WAS DONE TO DISPOSE OF THE STOOLS?</p>	<p>Child used sanitation utilities 01 Put / Rinsed into toilet or latrine 02 Put / Rinsed into drain or ditch 03 Thrown into garbage (solid waste) 04 Buried 05 Left in the open 06</p> <p>Other (specify) _____ 96 DK 98</p>	

IMMUNIZATION MODULE
IM

If an immunization card is available, copy the dates in IM3 for each type of immunization recorded on the card.
IM5-IM17 are for registering vaccinations that are not recorded on the card.

IM1. DO YOU HAVE A CARD WHERE (name)'S VACCINATIONS ARE WRITTEN DOWN? (If yes) MAY I SEE IT PLEASE?		Yes, seen	1	Yes, not seen	2	No card.....	3	1⇒IM3 2⇒IM6
IM2. DID YOU EVER HAVE A VACCINATION CARD FOR (name)?		Yes	1	No.....	2			1⇒IM6 2⇒IM6
IM3. (a) Copy dates for each vaccination from the card. (b) Write '44' in day column if card shows that vaccination was given but no date recorded.		Date of Immunization						
		Day	Month	Year				
DURING THE FIRST WEEK OF THE CHILD'S BIRTH								
BACILLUS CALMETTE-GUERIN (OR BACILLE CALMETTE-GUERIN) BCG								
ORAL POLIOVIRUS VACCINE AT BIRTH (POLIO 0) OPV 0								
HEPATITIS B1 (HB1)								
WHEN THE CHILD COMPLETES TWO MONTHS OF AGE								
POLIO 1 OPV 1								
DIPHTHERIA, PERTUSSIS (WHOOPING COUGH), AND TETANUS (DOSE 1) DPT1								
HEPATITIS B2 HB2								
WHEN THE CHILD COMPLETES FOUR MONTHS OF AGE								
POLIO 2 OPV 2								
DIPHTHERIA, PERTUSSIS (WHOOPING COUGH), AND TETANUS (DOSE 2) DPT2								
WHEN THE CHILD COMPLETES OF SIX MONTHS OF AGE								
POLIO 3 OPV 3								
DIPHTHERIA, PERTUSSIS (WHOOPING COUGH), AND TETANUS (DOSE 3) DPT3								
HEPATITIS B3 HB3								
WHEN THE CHILD COMPLETES NINE MONTHS OF AGE								
SINGLE MEASLES DOSE MEASLES								
VITAMIN A SUPPLEMENTATION (ONE ORAL DOSE) 100000 INTERNATIONAL UNITS (THE BLUE CAPSULE) VITAMIN A								
WHEN THE CHILD COMPLETES 15 MONTHS OF AGE								

IMMUNIZATION MODULE								IM	
MEASLES COMBINED WITH OTHER VACCINES (MUMPS, MEASLES AND RUBELLA)	MMR								
WHEN CHILD COMPLETES 18 MONTHS OF AGE									
POLIO (FIRST BOOSTER DOSE)	OPV								
DPT (FIRST BOOSTER DOSE)	DPT								
VITAMIN A SUPPLEMENTATION (ONE DOSE), 200000 INTERNATIONAL UNITS	VIT A								
IM4. Check IM3. Are all vaccines (Starting from BCG to DPT (FIRST BOOSTER DOSE)) recorded? <input type="checkbox"/> Yes \Rightarrow Continue with IM18.									
IM5. IN ADDITION TO WHAT IS RECORDED ON THIS CARD, DID (name) RECEIVE ANY OTHER VACCINATIONS – INCLUDING VACCINATIONS RECEIVED DURING NATIONAL IMMUNIZATION CAMPAIGNS OR OTHER HEALTH CAMPAIGNS?	Yes 1 <i>(Probe for vaccinations and write '66' in the corresponding day column for each vaccine mentioned. Then skip to IM18)</i> Record 'Yes' only if respondent mentions vaccines shown in the table above.								
No.....	2	DK.....	8	2 \Rightarrow IM18	8 \Rightarrow IM18				
IM6. HAS (name) EVER RECEIVED ANY VACCINATIONS TO PREVENT HIM/HER FROM GETTING DISEASES, INCLUDING VACCINATIONS RECEIVED IN NATIONAL IMMUNIZATION CAMPAIGNS OR OTHER HEALTH CAMPAIGNS?	Yes 1 No..... 2 DK..... 8							2 \Rightarrow IM18 8 \Rightarrow IM18	
IM7. HAS (name) EVER BEEN GIVEN A BCG VACCINATION AGAINST TUBERCULOSIS – THAT IS, AN INJECTION IN THE ARM OR SHOULDER THAT USUALLY CAUSES A SCAR (ON THE SPOT WHERE INJECTION IS GIVEN)?	Yes 1 No..... 2 DK..... 8								
IM8. HAS (name) EVER RECEIVED ANY "VACCINATION DROPS IN THE MOUTH" TO PROTECT HIM / HER FROM GETTING DISEASES – THAT IS, POLIO?	Yes 1 No..... 2 DK..... 8							2 \Rightarrow IM11 8 \Rightarrow IM11	
IM9. WAS THE FIRST POLIO VACCINE RECEIVED IN THE FIRST TWO WEEKS AFTER BIRTH OR LATER?	First two weeks 1 Later 2								
IM10. HOW MANY TIMES WAS THE POLIO VACCINE RECEIVED?	Number of times —								
IM11. HAS (name) EVER BEEN GIVEN "DPT VACCINATION" – THAT IS, AN INJECTION IN THE THIGH OR BUTTOCKS – TO PREVENT HIM / HER FROM GETTING TETANUS, WHOOPING COUGH AND DIPHTHERIA?	Yes 1 No..... 2 DK..... 8							2 \Rightarrow IM13 8 \Rightarrow IM13	
<i>Probe by indicating that DPT vaccination is often given at the same time as Polio</i>									
IM12. HOW MANY TIMES WAS (name) THE DPT VACCINE RECEIVED?	Number of times —								

IMMUNIZATION MODULE		IM
IM13. HAS (<i>name</i>) EVER BEEN GIVEN HEPATITIS B VACCINATION – THAT IS, AN INJECTION IN THE THIGH OR BUTTOCKS – TO PREVENT HIM / HER FROM GETTING HEPATITIS B? THE FIRST DOSE OF HEPATITIS B IS USUALLY GIVEN AT THE SAME TIME AS THE ORAL OPV 0 AND BCG, WHEREAS THE SECOND AND THIRD DOSES OF HEPATITIS B ARE GIVEN AT THE SAME TIME AS DPT AND ORAL POLIO VACCINATION.	Yes 1 No 2 DK 8	2⇒IM16 8⇒IM16
<i>Probe by indicating that the Hepatitis B vaccine is sometimes given at the same time as Polio and DPT vaccines</i>		
IM14. WAS THE FIRST HEPATITIS VACCINE RECEIVED WITHIN 24 HOURS AFTER BIRTH, OR LATER?	Within 24 hours 1 Later 2	
IM15. HOW MANY TIMES WAS THE HEPATITIS B VACCINE RECEIVED	Number of times.....	
IM16. HAS (<i>name</i>) EVER RECEIVED “SINGLE MEASLES VACCINATION INJECTION” – THAT IS, A SHOT IN THE ARM GIVEN AT THE AGE OF 9 MONTHS OR OLDER - TO PREVENT HIM / HER FROM GETTING MEASLES?	Yes 1 No 2 DK 8	
IM17. HAS (<i>name</i>) EVER RECEIVED THE MEASLES VACCINATION MIXED WITH OTHER VACCINES (MMR) – THAT IS A SHOT IN THE ARM WHEN THE CHILD COMPLETES 15 MONTHS OR OLDER - TO PREVENT HIM / HER FROM GETTING MEASLES?	Yes 1 No 2 DK 8	
IM18. HAS (<i>name</i>) RECEIVED A PREVENTIVE VITAMIN A SUPPLEMENTATION DOSE LIKE (THIS / ANY OF THESE) WITHIN THE LAST 6 MONTHS? <i>Show common types of ampoules / capsules / syrups</i>	Yes 1 No 2 DK 8	
IM19. Please tell me if (<i>name</i>) has participated in any of the following national immunization campaigns, other health campaigns or child health days: Polio spring campaign (0-59 months) [A] First campaign 2-6/5/2010 [B] First campaign 6-10/6/2010 Polio autumn campaign (0-59 months) [D] First campaign 3-7/10/2010 [E] First campaign 7-11/11/2010 Measles campaign [F] Measles campaign (6–36 months) 5-21/12/2010[Y N DK Campaign A.....1 2 8 Campaign B.....1 2 8 Campaign D1 2 8 Campaign E.....1 2 8 Campaign F.....1 2 8	

IMMUNIZATION MODULE
IM

IM20. Was a growth chart drawn to check on your child's development?

Interviewer: help the respondent in checking if there is a growth chart on the card, if any.

Yes, drawn chart seen.....	1
No, drawn chart seen	2
Yes, no card.....	3
No, no card.....	4
DK.....	8

IM21. In the last six months, was (name) weighed during your visit to a health facility?

Yes, weighed regularly	1
Yes, weighed once, but not regularly.....	2
No, never weighed.....	3
Did not visit a health facility.....	4
DK.....	8

UF13. Record the time.

1.....AM	2.....PM
Hour.....	— —
Minutes.....	— —

UF14. Is the respondent the mother or caretaker of another child age 0-4 living in this household?

Yes \Rightarrow Indicate to the respondent that you will need to measure the weight and height of the child later. Go to the next QUESTIONNAIRE FOR CHILDREN UNDER FIVE to be administered to the same respondent

No \Rightarrow End the interview with this respondent by thanking him/her for his/her cooperation and tell her/him that you will need to measure the weight and height of the child

Check to see if there are other woman's or under-5 questionnaires to be administered in this household.

Move to another woman's or under-5 questionnaire, or start making arrangements for anthropometric measurements of all eligible children in the household.

ANTHROPOMETRY

AN

After questionnaires for all children are complete, the measurer weighs and measures each child.

Record weight and length/height below, taking care to record the measurements on the correct questionnaire for each child. Check the child's name and line number on the household listing before recording measurements.

AN1. Measurer's name and number:	Name _____	
AN2. Result of height / length and weight measurement	Either or both measured..... 1 Child not present 2 Child or caretaker refused..... 3 Other (specify) _____ 6	2⇒AN6 3⇒AN6 6⇒AN6
AN3. Child's weight	Kilograms (kg) ____ . __ Weight not measured 99.9	
AN4. Child's length or height Check age of child in AG2: <input type="checkbox"/> Child under 2 years old. ⇒ Measure length (lying down). <input type="checkbox"/> Child age 2 or more years. ⇒ Measure height (standing up).	Length (cm) Lying down 1 ____ . __ Height (cm) Standing up 2 ____ . __ Length / Height not measured 999.9	
AN5a. Check left shoulder (which is the right place for BCG vaccination) to identify the scar resulting from vaccination. OBSERVE AND RECORD	Checked Scar present 1 Scar not present 2 Unsure if scar is present 3 Not checked (specify reason) 7	

AN6. Is there another child in the household who is eligible for measurement?

- Yes ⇒ Record measurements for next child.
- No ⇒ End the interview with this household by thanking all participants for their cooperation.

Gather together all questionnaires for this household and check that all identification numbers are inserted on each page. Tally on the Household Information Panel the number of interviews completed.

Interviewer's Observations

Field Supervisor's Observations

Name:..... Signature..... Date: / /

Local Supervisor's Observations

Name:..... Signature..... Date: / /

Central Supervisor's Observations

Name:..... Signature..... Date: / /