

**Mercy Corps Azerbaijan
Child Survival Project**

**Yardimli, Lerik, and Masalli district mountainous area
Southern Azerbaijan**

Cooperative agreement number HFP-A-00-01-00014-00

Project period: September 30, 2001-September 29, 2006

**Final Survey Report
25 June 2006**

Prepared by Karunesh Tuli, Consultant

Mercy Corps
79, Fizuli Street, Apt. 16/18
Baku
Azerbaijan
Tel: 994 (12) 497-51-72/73
Email: uma@mercycorps.az

Mercy Corps
3015 SW 1st Avenue
Portland, OR 97201
USA
Tel: 503-796-6800
Email: kmoseley@mercycorps.org

TABLE OF CONTENTS

I. BACKGROUND	1
A. DESCRIPTION OF PROJECT AREA	1
B. PROJECT GOAL AND OBJECTIVES	1
C. PROJECT STRATEGY AND INTERVENTIONS	1
D. OBJECTIVES OF THE SURVEY	1
II. METHODS	2
A. QUESTIONNAIRE	2
B. SURVEY INDICATORS	2
C. SAMPLING DESIGN	2
D. TRAINING OF SUPERVISORS AND INTERVIEWERS	2
E. DATA COLLECTION	3
F. DATA ANALYSIS	3
III. RESULTS	4
A. PROJECT INDICATORS: FINAL SURVEY	4
B. RAPID CATCH INDICATORS: FINAL SURVEY	5
C. COMPARISON OF BASELINE AND FINAL SURVEY RESULTS	6
D. COMPARISON OF FINAL SURVEY RESULTS WITH PROJECT TARGETS	8
E. WEIGHT FOR AGE Z-SCORES	9
IV. DISCUSSION	11
A. KEY FINDINGS AND PROGRAMMATIC IMPLICATIONS	11
B. NEXT STEPS IN INFORMATION GATHERING	11
C. PLAN FOR COMMUNITY FEEDBACK AND DISSEMINATION OF FINDINGS	11
ANNEXURES	12
ANNEXURE A: SAMPLING FRAME	12
ANNEXURE B: RESPONSES TO FINAL SURVEY QUESTIONS	15
ANNEXURE C: EPIINFO PROGRAMS	48
ANNEXURE D: AGENDA FOR TRAINING OF SURVEY TEAMS	64
ANNEXURE E: QUESTIONNAIRE	65

I. BACKGROUND

A. Description of project area

The project area comprises the districts of Lerik and Yardimli and a part of Masally district, in southeastern Azerbaijan. The number of total direct beneficiaries is estimated to be 57,863 (19,328 children under five years of age and 38,535 women of reproductive age). The beneficiaries live in isolated, under-served mountainous areas that are difficult to reach during winter months because of snow and mud. The population has poor access to health services and high levels of unemployment. Literacy levels are high, both among men and women. However, the educational system, like the health system, has declined in recent years.

The health situation in Azerbaijan has deteriorated during the post-Soviet period. The United Nation's Children's Fund estimated the infant mortality rate at 74 per thousand live births in 2001 and the under-five mortality rate at 105 per thousand live births in 2002.

B. Project goal and objectives

The goal of the project was to increase the survival of infants, children under five and mothers in the project area through community-based preventive actions coupled with improvement in the quality and increased utilization of primary health care.

The project aimed to achieve the following results:

- Sustained changes in care giving and seeking behavior
- Improved quality of health services
- Increased community health initiatives
- Improved support of primary health care by district health authorities
- Increased capacity for health programming among Mercy Corps staff

C. Project strategy and interventions

In order to attain its objectives, the project:

- Promoted behavior change and appropriate care-seeking practices by training community educators who conducted group education sessions and home visits
- Initiated community action through mobilizers who worked with community educators to establish health councils and motivate councils to plan and conduct health activities
- Increased the capacity of Ministry of Health staff to manage childhood illness and provide maternal and neonatal care through training and supportive supervision

The level of effort was allocated as follows among project interventions: maternal and newborn care (25%); control of diarrheal disease (20%); management of acute respiratory infections (20%); child spacing (15%); breastfeeding (15%); and nutrition (5%).

D. Objectives of the survey

The objectives of the survey were:

- To obtain population-based information on key knowledge, practices, and coverage from mothers of children age 0-23 months.
- To assess the effect of project interventions on knowledge, practices, and coverage.

II. METHODS

A. Questionnaire

The survey questionnaire included questions on anthropometry, prenatal care, delivery and immediate newborn care, breastfeeding, childhood immunizations, care of the sick child (including acute respiratory infections and diarrheal diseases), child spacing, postnatal care, and HIV/AIDS. Except for two changes, the survey questionnaire was the same as the one used during the baseline assessment. A question on mothers' handwashing practices that had inadvertently been left out of the baseline questionnaire was included. A series of instructions for the interviewer to copy immunization data from children's cards was unintentionally excluded.

Interviewers used an Azeri version of the questionnaire during data collection. The English version of the questionnaire is included as an annexure.

B. Survey indicators

The survey questionnaire was designed to yield data for two kinds of measures, the first chosen by the project team to assess specific interventions and the second to provide information on a standard set of Child Survival indicators, called the Rapid Core Assessment Tool on Child Health (Rapid CATCH) indicators. Both sets are described in Section III, "Results".

C. Sampling design

The survey team used two-stage thirty-cluster sampling. Administrative territories in the three project districts comprised the sampling frame. The territories usually include a group of villages (often one large village and a few smaller adjoining villages). Project staff listed names and total population of sixty-six administrative territories from Yardimly, Lerik, and Masally along with a column for cumulative population. They used the "probability-proportionate-to-size" method to select thirty territories (clusters). They replaced sampled territories that they knew were inaccessible with nearby accessible territories. A list of administrative territories and the thirty sampled territories is included as an annexure.

Survey teams interviewed mothers of ten children less than twenty-four months of age in each cluster. They used simple random sampling to select one village in each cluster. They went to the approximate center of the village and randomly selected a starting direction by spinning a bottle. They counted and numbered all the households between the center of the village and the edge of the village in the chosen direction, and randomly selected one of the households as a starting point. They then visited each consecutive household until they found a household with a child less than twenty-four months of age. They administered a questionnaire to the mother of the child and continued the process until ten questionnaires had been completed. If the edge of the village was reached before the total had been attained, the teams went to the nearest non-visited household and worked back towards the center of the village. If all the households in a village had been visited before ten children had been found, the next nearest village was selected and the procedure repeated until mothers of ten children less than twenty-four months of age had been interviewed. If the mother of a sampled child was not available on the day the survey team was in the village, the next nearest household was sampled.

D. Training of supervisors and interviewers

The project manager and a consultant carried out the training of supervisors and interviewers over a two-day period (27-28 April 2006). Supervisors included two project staff members and the consultant. The six interviewers were physicians from the Ministry of Health (recruited as volunteers following a request from the project). Interviewers and supervisors conducted a test of the sampling process and interview methodology on 1 May in a non-sampled village in Masally district prior to actual data collection. The training agenda is included as an annexure.

E. Data collection

The survey was conducted over a five-day period (2-6 May 2006). There were three teams with two interviewers and one supervisor in each team. The supervisor of each team was responsible for selecting the starting household and assigning interviewers to households. Supervisors also checked all completed questionnaires for errors.

In order to obtain consent and assure respondents of confidentiality, interviewers read out a consent form to the mother before starting the interview. Each interview took approximately 20 minutes to complete.

F. Data analysis

A project staff member and the consultant entered data into a computer database using EpiInfo. Another consultant edited the data using Microsoft Access (rectifying errors such as ages that did not match those calculated from birthdates) and carried out data analysis with EpiInfo.

III. RESULTS

A. Project indicators: Final survey

Project indicator	Num*	Den*	%*	95% CI†
	8	8	100%	93% - 100%††
	136	300	45%	37% – 54% de 2.25
	209	300	70%	62% – 77% de 1.75
	14	23	61%	38% – 84% de 1.11
	9	13	69%	43% – 96% de 0.85
	59	244	24%	16% – 32% de 1.93
	9	300	3%	1% – 5% de 1.22

* Num = numerator, Den = denominator, % = percent, CI = confidence interval

† All confidence intervals were calculated taking into consideration the design effect that resulted from the survey's cluster sample design; de = design effect.

†† Lower (one-sided) confidence limit calculated assuming indicator value of 99% and design effect of 1.5 (average design effect for the other project indicators and Rapid CATCH indicators).

††† Proportion of mothers stating cough or rapid breathing as danger signs of childhood illness was 37% (111 of 300 mothers, 95% confidence interval 31% - 43%, de 1.25).

B. Rapid CATCH indicators: Final survey

Rapid CATCH indicator	Num*	Den*	%*	95% CI†
	22	290	8%	5% – 11% de 0.95
	60	134	45%	34% – 56% de 1.49
	267	300	89%	83% – 95% de 2.70
	41	77	53%	40% – 67% de 1.38
	28	54	52%	38% – 66% de 0.95
	121	144	84%	77% – 91% de 1.26
	260	300	87%	82% – 91% de 1.27
	14	66	21%	9% – 33% de 1.31
	82	300	27%	21% – 34% de 1.42
	212	300	71%	62% – 79% de 1.96

* Num = numerator, Den = denominator, % = percent, CI = confidence interval

† All confidence intervals were calculated taking into consideration the design effect that resulted from the survey's cluster sample design; de = design effect.

‡ Among those sick children who were not being exclusively breastfed, 12 of 58 (21%) received increased fluids and continued feeding during the illness.

C. Comparison of baseline and final survey results

Project indicators

Project indicator	Baseline		Final	
	%*	95% CI†	%*	95% CI†
	40%	29% - 51%	100%	93% - 100%††
	5%	1% - 8%	45%	37% - 54%
	32%	26% - 39%	70%	62% - 77%
	11%	3% - 20%	61%	38% - 84%
	53%	29% - 76%	69%	43% - 96%
	5%	1% - 8%	24%	16% - 32%
	2%	1% - 4%	3%	1% - 5%

* % = percent, CI = confidence interval

† All confidence intervals were calculated taking into consideration the design effect that resulted from the survey's cluster sample design.

†† Lower (one-sided) confidence limit calculated assuming indicator value of 99% and design effect of 1.5 (average design effect for the other project indicators and Rapid CATCH indicators).

††† Proportion of mothers stating cough or rapid breathing as danger signs of childhood illness was 37% (111 of 300 mothers, 95% confidence interval 31% - 43%).

Rapid CATCH indicators

Rapid CATCH indicator	Baseline		Final	
	%*	95% CI†	%*	95% CI†
	11%	7% - 17%	8%	5% – 11%
	38%	29% - 47%	45%	34% – 56%
	69%	58% - 81%	89%	83% – 95%
	15%	7% - 22%	53%	40% – 67%
	54%	37% - 71%	52%	38% – 66%
	33%	23% - 44%	84%	77% – 91%
	55%	49% - 62%	87%	82% – 91%
	10%	4% - 16%	21%	9% – 33%
	6%	3% - 9%	27%	21% – 34%
	_‡‡‡	_‡‡‡	71%	62% – 79%

* % = percent, CI = confidence interval

† All confidence intervals were calculated taking into consideration the design effect that resulted from the survey's cluster sample design.

‡‡ During the baseline survey, among those sick children who were not being exclusively breastfed, 10% were reported to have received increased fluids and continued feeding during the illness; the corresponding proportion was 21% for the final survey (thus, the proportions were the same in the sub-group as the proportions among all sick children reported above in the table).

‡‡‡ Data were not collected for this indicator during the baseline survey.

D. Comparison of final survey results with project targets

Indicator	Target (%)*	Final survey result (%)*
Pneumonia case management		
	20%	3%
	46%	100%
Control of diarrheal disease		
	40%	61%
	40%	21%
Child spacing		
	10%	24%
Maternal and newborn care		
	30%	45%
	37%	70%
	76%	89%
Nutrition		
	30%	53%
	30%	58%

* % = percent

† Proportion of mothers stating cough or rapid breathing as danger signs of childhood illness during the final survey was 37%.

E. Weight for age Z-scores



Table 1. Distribution of weight for age Z-scores

Weight for age Z- score	Males		Females		Both sexes	
(-5.0 to -4.5)	0	0%	0	0%	0	0%
(-4.5 to -4.0)	0	0%	0	0%	0	0%
(-4.0 to -3.5)	2	1.3%	0	0%	2	0.7%
(-3.5 to -3.0)	3	1.9%	1	0.7%	4	1.4%
(-3.0 to -2.5)	5	3.2%	3	2.2%	8	2.8%
(-2.5 to -2.0)	4	2.6%	4	3.0%	8	2.8%
(-2.0 to -1.5)	16	10.3%	11	8.1%	27	9.3%
(-1.5 to -1.0)	26	16.8%	12	8.9%	38	13.1%
(-1.0 to -0.5)	24	15.5%	27	20.0%	51	17.6%
(-0.5 to 0.0)	31	20.0%	19	14.1%	50	17.2%
(0.0 to 0.5)	20	12.9%	20	14.8%	40	13.8%
(0.5 to 1.0)	11	7.1%	12	8.9%	23	7.9%
(1.0 to 1.5)	8	5.2%	11	8.1%	19	6.6%
(1.5 to 2.0)	2	1.3%	5	3.7%	7	2.4%
(2.0 to 2.5)	2	1.3%	7	5.2%	9	3.1%
(2.5 to 3.0)	1	0.6%	1	0.7%	2	0.7%
(3.0 to 3.5)	0	0%	1	0.7%	1	0.3%
(3.5 to 4.0)	0	0%	1	0.7%	1	0.3%
(4.0 to 4.5)	0	0%	0	0%	0	0%
(4.5 to 5.0)	0	0%	0	0%	0	0%
TOTAL	155	100.0%	135	100.0%	290	100.0%

Characteristics of weight for age Z-score distribution

Weight for age Z-scores

	Males		Females		Both sexes	
Proportion <-2.0	14	9.0%	8	5.9%	22	7.6%
95% cluster CI	(5.3-14.8)		(2.8-11.5)		(5.0-11.3)	
<hr/>						
Proportion <-3.0	5	3.2%	1	0.7%	6	2.1%
95% cluster CI	1.1, 8.1	0.0, 5.1	0.8, 4.9			
Median	-0.54	-0.24	-0.43			
Mean	-0.62	-0.14	-0.39			
95% CI	-0.80,-0.43		-0.36,-0.08		-0.54,-0.25	
Standard deviation	1.08	1.30	1.25			

IV. DISCUSSION

A. Key findings and programmatic implications

The project has been successful in improving mothers' health knowledge and practices and in increasing coverage with health interventions. As shown in Section III "Results", final values were better than baseline values for almost all indicators. The sole exception was the indicator "Proportion of infants age 6–9 months receiving breastmilk and complementary foods". For most indicators that showed improvement, the difference in values between the two surveys was statistically significant (as shown by the lack of overlap in 95% confidence intervals for the values found in the two surveys). The decline in the indicator on complementary feeding was small and was not statistically significant.

The project also achieved all except two of the targets that were assessed through knowledge, practice, and coverage surveys. The two exceptions were "Proportion of mothers stating both cough and rapid breathing as danger signs of childhood illness" and "Proportion of sick children age 0–23 months who received increased fluids and continued feeding during an illness in the past two weeks (among all sick children)". During discussions of survey findings project staff explained to the survey consultant that the project emphasized both "cough" and "rapid breathing" (individually) as signs that indicate the need to seek care. Assessed in this way (mothers stating cough or rapid breathing as danger signs), the project target was achieved.

The project also achieved the target for appropriate home management of diarrhea (indicated by administration of oral rehydration salt solution and home-made fluids). Thus, while the broader target for fluids and feeding for sick children was not met, it was achieved for provision of fluids to children during diarrhea, a common illness whose management depends critically on adequate hydration.

As can be seen in the tables in Section III, there is scope for further improvement in knowledge, practices, and coverage. Two areas where mothers' knowledge levels are low -- even though significant gains have been made during the project period -- are pregnancy-related danger signs and ways of reducing the risk of HIV infection. Similarly, while there has been progress in improving breastfeeding practices and contraceptive use, additional effort could augment these practices further.

Project partners need to continue their endeavors in Southern Azerbaijan to ensure that the gains achieved during the last five years are sustained and to attain additional improvements in maternal and child health.

B. Next steps in information gathering

To supplement information obtained from the knowledge, practice, and coverage survey, project staff and consultants conducted two other data-gathering exercises. The first was a health facility assessment, done at the same time as the survey. The second, a qualitative assessment, followed the survey and consisted of interviews with key individuals and groups in the project area and in the Ministry of Health. Data obtained from the two assessments will help in identifying important factors that contributed to project successes and in developing future interventions.

C. Plan for community feedback and dissemination of findings

Project staff members plan to share survey findings with the Ministry of Health at the district, regional and national levels. Ministry employees at health facilities will then discuss the findings with community members with assistance from community-based educators and mobilizers. Survey findings will also be shared with the United States Agency for International Development mission in Azerbaijan and with other Child Survival projects in the region.

ANNEXURES

Annexure A: Sampling frame

Name of administrative territory	Population	Cumulative Total	Cluster Number	Comments
Yardimli				
1.Bozayran	2813	2813	1	
2.Ostair	1973	4786		
3.Shilavanga	1770	6556	2	
4.Shafagli	2305	8861		
5.Perimbel	628	9489		
6.Chayiuzyu	1651	11140	3	
7.Uragaran	1283	12423		
8.Yolojag	2367	14790	4	
9.Aruz	3305	18095		
10.Khamar kend	2256	20351	5	
11.Alar	2032	22383		Not accessible
12.Arsila	806	23189		
13.Porsova	1380	24569	6	
14.Khonuba	1377	25946		
15.Kyurakchi	1892	27838		
16.Avash	1175	29013	7	
17.Barjan	796	29809		
18.Shikhlar	1035	30844		
19.Astanli	1949	32793		
20.Zevin	1383	34176	8	
21.Velikhanli	3054	37230	8	
22.Sirig	2222	39452	9	
23.Telavar	1527	40979		
24.Vargaduz	1621	42600	10	
25.Peshtasar	508	43108		Not accessible
26.Arvana	581	43689		
27.Khoravar	1217	44906		Not accessible
28.Varov	670	45576		Not accessible
Lerik				
1.Livadirga	3742	49318	11	
2.Pirasora	2287	51605		
3.Orand	1416	53021	12	Not accessible
4.Gosmalian	1347	54368	12	
5.Kalakhan	1166	55534		
6.Mistan	618	56152		
7.Nuravud	1436	57588	13	
8.Chayrud	2389	59977		
9.Veri	2778	62755	14	Not accessible
10.Mondigah	1877	64632	14	
11.Tikaband	1648	66280	15	Not accessible
12.Siyov	1133	67413	15	
13.Piran	1218	68631		
14.Hamarat	1213	69844		Not accessible
15.Bursulum	1126	70970	16	Not accessible
16.Tyulu-Joni	1443	72413	16	Not accessible

Name of administrative territory	Population	Cumulative Total	Cluster Number	Comments
17.Noda	2104	74517	16	
18.Blaband	3115	77632	17	
19.Jangamiran	1463	79095		
20.Vizazamin	2697	81792	18	
21.Nuvadi	2067	83859		
22.Aliabad	2530	86389	19	
23.Kiravud	1831	88220		
24.Nuju	2426	90646	20	
25.Shingadulan	2468	93114		
26.Molalan	1600	94714	21	
27.Osyodara	2944	97658		Not accessible
28.Zuvuj	1742	99400	22	
Masalli				
1.Gullutepe	5705	105105	23	
2.Kolatan	4205	109310	24	
3.Makhmudavar	6742	116052	25	
4.Sigdash	3017	119069	26	
5.Khishkadara	3115	122184	27	
6.Turkoba	5489	127673	28	
7.Tukla	2282	129955		
8.Yeyakand	2504	132459	29	
9.Miyanku	4253	136712	30	
10.Gizilavar	3604	140316		
Grand total		140316		

Random number: 245

Sampling interval: 4,677 (140316 / 30)

Annexure B: Responses to final survey questions
(Computer tables for each survey question)

Interview date

INTERVIEW DATE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
2 MAY 2006	60	20.0%	20.0%
3 MAY 2006	60	20.0%	40.0%
4 MAY 2006	70	23.3%	63.3%
5 MAY 2006	70	23.3%	86.7%
6 MAY 2006	40	13.3%	100.0%
TOTAL	300	100.0%	100.0%

Reschedule interview (None reported)

Interviewer's name

INTERVIEWER'S NAME	FREQUENCY	PERCENT	CUMULATIVE PERCENT
ALIYEVA AYGUN	52	17.3%	17.3%
ALIZADA TAMILLA	52	17.3%	34.7%
FARRUHOVA RENA	46	15.3%	50.0%
HASANOVA LALA	58	19.3%	69.3%
ISKANDAROVA LALA	44	14.7%	84.0%
KULIYEVA SAIDA	48	16.0%	100.0%
TOTAL	300	100.0%	100.0%

Supervisor's name

SUPERVISOR'S NAME	FREQUENCY	PERCENT	CUMULATIVE PERCENT
AKHUNDOVA GULSHAN	90	30.0%	30.0%
HASANOVA HURAMAN	110	36.7%	66.7%
MAMMADOVA AFAT	100	33.3%	100.0%
TOTAL	300	100.0%	100.0%

Community

COMMUNITY	FREQUENCY	PERCENT	CUMULATIVE PERCENT
ALIBAD	7	2.3%	2.3%
ANBU	2	0.7%	3.0%
ARUZ	10	3.3%	6.3%
AVASH	10	3.3%	9.7%
BLABAND	6	2.0%	11.7%
BOZAYRAN	10	3.3%	15.0%
CHANGAMIRAN	10	3.3%	18.3%
CHAYUZU	10	3.3%	21.7%
GOZMALION	6	2.0%	23.7%
GULLUTAPA	10	3.3%	27.0%
HALIFAKUCHA	2	0.7%	27.7%
HONUBA	10	3.3%	31.0%

Community (continued from previous page)

COMMUNITY	FREQUENCY	PERCENT	CUMULATIVE PERCENT
KALAHAN	4	1.3%	32.3%
KISHKADARA	10	3.3%	35.7%
KOLATAN	10	3.3%	39.0%
KORYADI	7	2.3%	41.3%
MAHMUDAVAR	10	3.3%	44.7%
MIYANKU	10	3.3%	48.0%
MOLALAN	10	3.3%	51.3%
MONDIGAH	10	3.3%	54.7%
NODA	10	3.3%	58.0%
PIRAN	10	3.3%	61.3%
PIRASORA	10	3.3%	64.7%
SHILAVANGA	10	3.3%	68.0%
SHINGADULAN	3	1.0%	69.0%
SIGDASH	10	3.3%	72.3%
SIOV	10	3.3%	75.7%
SIRIG	10	3.3%	79.0%
TURKOBA	10	3.3%	82.3%
URAGARAN	10	3.3%	85.7%
VALIHANLY	3	1.0%	86.7%
VARGADUZ	10	3.3%	90.0%
VISTAN	10	3.3%	93.3%
VIZAZAMIN	10	3.3%	96.7%
YEYAKAND	10	3.3%	100.0%
TOTAL	300	100.0%	100.0%

Age & sex information for youngest child

Sex

SEX	FREQUENCY	PERCENT	CUMULATIVE PERCENT
MALE	161	53.7%	53.7%
FEMALE	139	46.3%	100.0%
TOTAL	300	100.0%	100.0%

Age (in completed months)

AGE GROUP	FREQUENCY	PERCENT	CUMULATIVE PERCENT
0 - 5 MONTHS	77	25.7%	25.7%
6 - 11 MONTHS	79	26.3%	52.0%
12 - 17 MONTHS	75	25.0%	77.0%
18 - 23 MONTHS	69	23.0%	100.0%
TOTAL	300	100.0%	100.0%

Range 0 – 23 months; mean 11; median 11

- How old are you? (Mother's age)
 Range 15-43 years; mean 26.7; median 26.0
 25th percentile 22; 75th percentile 30
 1 mother (0.3%) was 15 years old
 1 mother (0.3%) was 17 years old
 22 mothers (7.3%) were 18-19 years old
 4 mothers (1.3%) were over 40 years (41-43 years) old

- How many children living in this household are under age five?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
1	146	48.7%	48.7%
2	131	43.7%	92.3%
3	22	7.3%	99.7%
4	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

Range 1-4; mean 1.6

- How many of those children are your biological children?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
1	157	52.3%	52.3%
2	127	42.3%	94.7%
3	16	5.3%	100.0%
TOTAL	300	100.0%	100.0%

Range 1-3; mean 1.5

- What are the names, sexes, and dates of birth of your two youngest children?

Child	Sex	Age distribution
Youngest	Male 161 (53.7%) Female 139 (46.3%)	Number of respondents 300 Range 0 – 23 months Mean 11; median 11
Older	Male 70 (52.2%) Female 64 (47.8%)	Number of respondents 134 Range 13 – 61 months Mean 35; median 35

(Additional data are presented in the section 'Child Spacing')

ANTHROPOMETRY

- May I weigh (NAME)?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	289	96.3%	96.3%
NO	10	3.3%	99.7%
NO RESPONSE	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

- If mother agrees, weigh the child and record weight.

WEIGHT FOR AGE Z-SCORES	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN -3	6	2.1%	2.1%
-3 TO -2	16	5.5%	7.6%
-2 TO -1	65	22.4%	30.0%
-1 TO 0	101	34.8%	64.8%
0 TO 1	63	21.7%	86.5%
1 TO 2	26	9.0%	95.5%
2 TO 3	11	3.8%	99.3%
3 OR MORE	2	0.7%	100.0%
TOTAL	290	100.0%	100.0%

Weight range 3 – 15 kilogram

Weight for age Z-Scores: range -3.62 to 3.83; mean - 0.39; median - 0.43

25th percentile -1.2; 75th percentile 0.34

(10 children were excluded because their weight was not recorded)

7. Was (NAME) weighed at birth?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	142	47.3%	47.3%
NO	149	49.7%	97.0%
DON'T KNOW	9	3.0%	100.0%
TOTAL	300	100.0%	100.0%

8. If yes, how much did (NAME) weigh?

Range: 1,000–6,000 gram

(124 respondents mentioned the birth weight; 18 respondents said “Don’t Know”)

Mean 3,024; median 3,000; 25th percentile 2,800; 75th percentile 3,300

PRENATAL CARE

9. Did you see anyone for prenatal care while you were pregnant with (NAME)?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	247	82.3%	82.3%
NO	53	17.7%	100.0%
TOTAL	300	100.0%	100.0%

10. If yes, who did you see?

(Number of respondents 247; multiple responses allowed)

Response	Frequency	Percent
Doctor	142	57.5%
Midwife	98	39.7%
Feldsher	14	5.7%
Traditional birth attendant	8	3.2%

Not mentioned: nurse; other

11. How many times were you seen for care during the pregnancy with (NAME)?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
1	38	15.4%	15.4%
2	50	20.2%	35.6%
3	48	19.4%	55.1%
4	44	17.8%	72.9%
5	14	5.7%	78.5%
6	21	8.5%	87.0%
7	11	4.5%	91.5%
8	12	4.9%	96.4%
9	3	1.2%	97.6%
10	3	1.2%	98.8%
12	2	0.8%	99.6%
13	1	0.4%	100.0%
TOTAL	247	100.0%	100.0%

Mean 3.7; median 3

No respondent mentioned "11 times"

12. During your prenatal check, were you counseled on the following?

TOPIC	YES	NO	NUMBER OF RESPONDENTS
DELIVERY PREPARATIONS	181 (73.6%)	65 (26.4%)	246
BREASTFEEDING	203 (82.2%)	44 (17.8%)	247
CHILD SPACING	163 (66.3%)	83 (33.7%)	246
IMMUNIZATION	198 (80.2%)	49 (19.8%)	247
DANGER SIGNS OF PREGNANCY	177 (72.5%)	67 (27.5%)	244

13. How would you get to the nearest health facility?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Walk	247	82.3%
Car	55	18.3%

Not mentioned: horse or mule; ox cart; other

14. How long would it take you to get to nearest health facility?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN ONE HOUR	281	93.7%	93.7%
ONE TO THREE HOURS	17	5.7%	99.3%
GREATER THAN THREE HOURS	2	0.7%	100.0%
TOTAL	300	100.0%	100.0%

15. Who would decide that you should go there?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Respondent	42	14.0%
Husband/partner	168	56.0%
Respondent's mother	6	2.0%
Mother-in-law	139	46.3%
Friends/neighbors	1	0.3%
Other	24	8.0%

“Other” included father-in-law (23 responses, 7.7%) and sister-in-law (1 response, 0.3%)

16. What are symptoms during pregnancy indicating the need to seek health care?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Fever	69	23.0%
Shortness of breath	23	7.7%
Bleeding	192	64.0%
Swelling of the body/hands/face	119	39.7%
Don't know	21	7.0%
Other (see Annex B)	192	64.0%

17. Where is the place you would go for first care if you had these symptoms?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
HOSPITAL	155	51.7%	51.7%
DOCTOR AMBULATORY CENTER	66	22.0%	73.7%
FELDSHER MIDWIFE POINT	72	24.0%	97.7%
HOME VISIT BY DOCTOR	1	0.3%	98.0%
TRADITIONAL PRACTITIONER	3	1.0%	99.0%
NONE	2	0.7%	99.7%
NO RESPONSE	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: health center, shop, pharmacy, community mobilizer, friend/relative

DELIVERY AND IMMEDIATE NEWBORN CARE

18. Where did you give birth?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
RESPONDENT'S HOME	154	51.3%	51.3%
OTHER HOME	9	3.0%	54.3%
HOSPITAL	137	45.7%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: Doctor Ambulatory Center, Feldsher Midwife Point, health center, clinic, other health facility, other
For names of hospitals provided by 99 respondents, see Annex B

19. Who assisted you with (NAME)'s delivery?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Doctor	136	45.3%
Nurse	9	3.0%
Midwife	162	54.0%
Feldsher	17	5.7%
Traditional birth attendant	29	9.7%
Family member	5	1.7%
Neighbor	2	0.7%

20. Was a clean birth kit used?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	288	96.0%	96.0%
NO	6	2.0%	98.0%
DON'T KNOW	6	2.0%	100.0%
TOTAL	300	100.0%	100.0%

21. What instrument was used to cut the cord?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
NEW RAZOR BLADE	114	38.0%	38.0%
OTHER INSTRUMENT	186	62.0%	100.0%
TOTAL	300	100.0%	100.0%

22. Who cut the cord?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
DOCTOR	82	27.3%	27.3%
NURSE	10	3.3%	30.7%
MIDWIFE	155	51.7%	82.3%
FELDSHER	19	6.3%	88.7%
TRADITIONAL BIRTH ATTENDANT	27	9.0%	97.7%
FAMILY MEMBER	4	1.3%	99.0%
OTHER	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

"Family members" included mother-in-law (3 responses, 1.0%) and mother (1 response, 0.3%); of the three respondents who said "other", a specific response was available for two (neighbor, 0.7%)

23. Where was (NAME) put immediately after birth?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
WITH MOTHER	225	75.0%	75.0%
IN A COT	14	4.7%	79.7%
IN A BED	54	18.0%	97.7%
OTHER	4	1.3%	99.0%
DON'T KNOW	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: bathed

“Other” included ‘on the breast’ (2 responses, 0.7%), ‘on the pillow’ (1 response, 0.3%), and ‘...on the floor’ (1 response, 0.3%)

24. What did you do with (NAME) immediately after birth?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
BREASTFEED	249	83.0%	83.0%
BATHED	2	0.7%	83.7%
LET SLEEP	36	12.0%	95.7%
OTHER	10	3.3%	99.0%
DON'T KNOW	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

“Other” included ‘given water to drink’ (9 responses, 3.0%) and ‘given butter with sugar’ (1 response, 0.3%)

BREAST-FEEDING

25. Did you ever breast-feed (NAME)?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	295	98.3%	98.3%
NO	5	1.7%	100.0%
TOTAL	300	100.0%	100.0%

26. If no, why did you not breast-feed?

(Denominator 300; multiple responses allowed)

Response	Frequency	Percent
Mother was sick/weak	1	0.3%
Child was sick/weak	2	0.7%
Child refused	2	0.7%
Cleft palate	1	0.3%

Not mentioned: nipples/ breast/ gland problems; not enough milk; mother worked; preferred artificial nutrient

27. How long after birth did you first put (NAME) to the breast?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
WITHIN FIRST HOUR AFTER DELIVERY	173	57.7%	57.7%
AFTER THE FIRST HOUR	122	40.7%	98.3%
CHILD NEVER BREASTFED	5	1.7%	100.0%
TOTAL	300	100.0%	100.0%

28. During the first three days after delivery, did you give (name) the liquid that came from your breasts?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	287	95.7%	95.7%
NO	8	2.7%	98.3%
CHILD NEVER BREASTFED	5	1.7%	100.0%
TOTAL	300	100.0%	100.0%

29. During the first three days after delivery, did you give (name) anything else to eat or drink before feeding him/her breast milk?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	49	16.3%	16.3%
NO	241	80.3%	96.7%
DON'T KNOW	4	1.3%	98.0%
QUESTION NOT ASKED	6	2.0%	100.0%
TOTAL	300	100.0%	100.0%

30. Are you currently breastfeeding (NAME)?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	184	61.3%	61.3%
NO	111	37.0%	98.3%
CHILD NEVER BREASTFED	5	1.7%	100.0%
TOTAL	300	100.0%	100.0%

31. How long did you breastfeed (NAME)?

RESPONSE (MONTHS)	FREQUENCY	PERCENT	CUMULATIVE PERCENT
0	4	3.6%	3.6%
1	8	7.2%	10.8%
2	8	7.2%	18.0%
3	11	9.9%	27.9%
4	4	3.6%	31.5%
5	6	5.4%	36.9%
6	9	8.1%	45.0%
7	4	3.6%	48.6%
8	2	1.8%	50.5%
9	3	2.7%	53.2%

How long did you breastfeed (NAME)? (continued from previous page)

RESPONSE (MONTHS)	FREQUENCY	PERCENT	CUMULATIVE PERCENT
10	4	3.6%	56.8%
11	5	4.5%	61.3%
12	15	13.5%	74.8%
13	3	2.7%	77.5%
14	2	1.8%	79.3%
15	2	1.8%	81.1%
16	2	1.8%	82.9%
17	3	2.7%	85.6%
18	6	5.4%	91.0%
19	3	2.7%	93.7%
20	6	5.4%	99.1%
21	1	0.9%	100.0%
TOTAL	111	100.0%	100.0%

Mean 8.9; median 8

32. What did you give (NAME) immediately after birth?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Breast milk	281	93.7%
Plain water	21	7.0%
Sugar or glucose water	15	5.0%
Infant formula	1	0.3%
Butter with sugar	4	1.3%
Butter	1	0.3%

Not mentioned: milk (other than breast milk); sugar-salt water solution; fruit juice; tea/infusions; honey

33. Did (NAME) drink any of the following liquids yesterday during the day or at night?

(Number of respondents 300; multiple responses allowed)

Liquid	Frequency	Percent
Breast milk	179	59.7%
Plain water	208	69.3%
Commercially produced infant formula	20	6.7%
Other milk such as tinned, powdered, or fresh animal milk	129	43.0%
Fruit juice	67	22.3%
Other liquids (sugar water, tea, coffee, carbonated drinks, or soup broth)	217	72.3%

Responses by age group

Liquid	Children 0 to 5 months of age (77 children)		Children 6 to 23 months of age (223 children)	
	Frequency	Percent	Frequency	Percent
Breast milk	70	90.9%	109	48.9%
Plain water	22	28.6%	186	83.4%
Infant formula	5	6.5%	15	6.7%
Other milk	11	14.3%	118	52.9%
Fruit juice	1	1.3%	66	29.6%
Other liquids	21	27.3%	196	87.9%

Did (NAME) eat any of the following foods yesterday during the day or at night?

(Number of respondents 300; multiple responses allowed)

Food	Frequency	Percent
Food made from grains	161	53.7%
Pumpkin, red or yellow yams or squash, carrots, or red sweet potatoes	94	31.3%
Other food made from roots or tubers	101	33.7%
Green leafy vegetables	52	17.3%
Vitamin A rich fruits	15	5.0%
Other fruits or vegetables	144	48.0%
Meat, poultry, fish, or eggs	130	43.3%
Foods made from legumes	30	10.0%
Cheese or yogurt	149	49.7%
Food made with oil, fat, or butter	194	64.7%

Responses by age group

Food	Children 0 to 5 months of age (77 children)		Children 6 to 23 months of age (223 children)	
	Frequency	Percent	Frequency	Percent
Grains	9	11.7%	152	68.2%
Pumpkin	6	7.8%	88	39.5%
Roots or tubers	1	1.3%	100	44.8%
Green leafy vegetables	0	0%	52	23.3%
Vitamin A rich fruits	0	0%	15	6.7%
Other fruits or vegetables	4	5.2%	140	62.8%
Meat, poultry, fish, or eggs	1	1.3%	129	57.8%
Foods made from legumes	1	1.3%	29	13.0%
Cheese or yogurt	3	3.9%	146	65.5%
Food made with oil, fat, or butter	6	7.8%	188	84.3%

34. How many times did (NAME) eat semi-solid (mashed or pureed) food yesterday during the day or at night?

All children (0 – 23 months of age)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
0	61	20.3%	20.3%
1	17	5.7%	26.0%
2	53	17.7%	43.7%
3	54	18.0%	61.7%
4	65	21.7%	83.3%
5	33	11.0%	94.3%
6	4	1.3%	95.7%
NO RESPONSE	13	4.3%	100.0%
TOTAL	300	100.0%	100.0%

Mean 2.6; median 3

Children 6 – 23 months of age

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
0	5	2.2%	2.2%
1	16	7.2%	9.4%
2	49	22.0%	31.4%
3	53	23.8%	55.2%
4	61	27.4%	82.5%
5	33	14.8%	97.3%
6	4	1.8%	99.1%
NO RESPONSE	2	0.9%	100.0%
TOTAL	223	100.0%	100.0%

Mean 3.2; median 3

35. May I see the salt that is used for cooking? Does the box say “Iodized salt”?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	163	54.3%	54.3%
NO	109	36.3%	90.7%
DON'T KNOW	28	9.3%	100.0%
TOTAL	300	100.0%	100.0%

CHILD IMMUNIZATION

36. Did (NAME) receive a vitamin A dose like this during the last 6 months?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	146	48.7%	48.7%
NO	129	43.0%	91.7%
DON'T KNOW	24	8.0%	99.7%
NO RESPONSE	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

37. Did (NAME) ever receive any vaccinations?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	297	99.0%	99.0%
NO	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

37A. Do you have a card where (NAME'S) vaccinations are written down?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES, SEEN BY INTERVIEWER	13	4.3%	4.3%
NOT AVAILABLE/LOST/MISPLACED	12	4.0%	8.3%
NEVER HAD A CARD	8	2.7%	11.0%
IN HEALTH FACILITY	233	77.7%	88.7%
DON'T KNOW	31	10.3%	99.0%
QUESTION NOT ASKED	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

38. Please tell me if (NAME) received any of the following vaccinations.

38A. A BCG vaccination against tuberculosis, that is an injection in the arm or shoulder that usually causes a scar?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	264	88.0%	88.0%
NO	29	9.7%	97.7%
DON'T KNOW	4	1.3%	99.0%
QUESTION NOT ASKED	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

38B. Polio vaccine, which is drops in the mouth?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	289	96.3%	96.3%
NO	7	2.3%	98.7%
DON'T KNOW	1	0.3%	99.0%
QUESTION NOT ASKED	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

38C. DPT vaccination, which is an injection given in the thigh or buttocks, sometimes at the same time as polio drops?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	258	86.0%	86.0%
NO	31	10.3%	96.3%
DON'T KNOW	5	1.7%	98.0%
QUESTION NOT ASKED	6	2.0%	100.0%
TOTAL	300	100.0%	100.0%

38D. An injection to prevent measles?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	126	42.0%	42.0%
NO	162	54.0%	96.0%
DON'T KNOW	3	1.0%	97.0%
QUESTION NOT ASKED	9	3.0%	100.0%
TOTAL	300	100.0%	100.0%

SICK CHILD

39. Sometimes children get sick and need to receive care or treatment for illnesses. What are the signs of illness that would indicate your child needs treatment?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Don't know	1	0.3%
Looks unwell or not playing normally	171	57.0%
Not eating or drinking	126	42.0%
Lethargic or difficult to wake	11	3.7%
High fever	277	92.3%
Fast or difficult breathing	54	18.0%
Vomits everything	135	45.0%
Convulsions	32	10.7%
Other (see Annex B)	165	55.0%

40. Did (NAME) experience any of the following in the past two weeks?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Diarrhea	22	7.3%
Blood in stool	0	0.0%
Cough	39	13.0%
Difficult breathing	3	1.0%
Fast breathing/short quick breaths	2	0.7%
Fever	24	8.0%
Malaria	0	0.0%
Convulsions	1	0.3%
Other illness	0	0.0%
None of the above	234	78.0%

41. When (NAME) was sick, was he/she offered less than usual to eat, about the same amount, or more than usual?

All children who were sick in the last two weeks (66 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	39	59.1%	59.1%
SAME AMOUNT	20	30.3%	89.4%
MORE THAN USUAL	6	9.1%	98.5%
NO RESPONSE	1	1.5%	100.0%
TOTAL	66	100.0%	100.0%

Children who were not exclusively breast fed and who were sick in the last two weeks (58 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	36	62.1%	62.1%
SAME AMOUNT	17	29.3%	91.4%
MORE THAN USUAL	4	6.9%	98.3%
NO RESPONSE	1	1.7%	100.0%
TOTAL	58	100.0%	100.0%

42. When (NAME) was sick, was he/she offered less than usual to drink, about the same amount, or more than usual?

All children who were sick in the last two weeks (66 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	6	9.1%	9.1%
SAME AMOUNT	13	19.7%	28.8%
MORE THAN USUAL	46	69.7%	98.5%
NO RESPONSE	1	1.5%	100.0%
TOTAL	66	100.0%	100.0%

Children who were not exclusively breast fed and who were sick in the last two weeks (58 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	5	8.6%	8.6%
SAME AMOUNT	10	17.2%	25.9%
MORE THAN USUAL	42	72.4%	98.3%
NO RESPONSE	1	1.7%	100.0%
TOTAL	58	100.0%	100.0%

ACUTE RESPIRATORY INFECTIONS

43. Has (NAME) had an illness with a cough at any time in the last two weeks?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	43	14.3%	14.3%
NO	254	84.7%	99.0%
NO RESPONSE	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

44. When (NAME) had an illness with a cough, did he/she have trouble breathing or breathe faster than usual with short, fast breaths?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	8	2.7%	2.7%
NO	34	11.3%	14.0%
DON'T KNOW	1	0.3%	14.3%
QUESTION NOT ASKED	257	85.7%	100.0%
TOTAL	300	100.0%	100.0%

45. Did you seek advice or treatment for the cough/fast breathing?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	8	100.0%	100.0%
TOTAL	8	100.0%	100.0%

46. How long after you noticed (NAME'S) cough and fast breathing did you seek treatment?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
SAME DAY	5	62.5%	62.5%
NEXT DAY	1	12.5%	75.0%
TWO DAYS	2	25.0%	100.0%
TOTAL	8	100.0%	100.0%

47. Where did you first go for advice or treatment?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
HOSPITAL	3	37.5%	37.5%
DOCTOR AMBULATORY CENTER	2	25.0%	62.5%
FELDSHER MIDWIFE POINT	3	37.5%	100.0%
TOTAL	8	100.0%	100.0%

Not mentioned: health center, polyclinic, community health worker, other health facility, traditional practitioner, shop, pharmacy, community mobilisers, friend/relative, other

One respondent provided the name of place visited for advice or treatment (Masalli)

48. Who decided that you should go there for (NAME'S) illness?

(Number of respondents 8; multiple responses allowed)

Response	Frequency	Percent
Respondent	1	12.5%
Husband/partner	2	25.0%
Mother-in-law	6	75.0%
Father-in-law	1	12.5%

Not mentioned: respondent's mother, friends/neighbors

49. Did you go anywhere else for advice or treatment for (NAME'S) cough and fast/difficult breathing?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	2	25.0%	25.0%
NO	6	75.0%	100.0%
TOTAL	8	100.0%	100.0%

50. Where did you go next for advice or treatment?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
HOSPITAL	1	12.5%	12.5%
BAKU PEDIATRIC INSTITUTE	1	12.5%	25.0%
QUESTION NOT ASKED	6	75.0%	100.0%
TOTAL	8	100.0%	100.0%

Not mentioned: Doctor Ambulatory Center, Feldsher Midwife Point, health center, polyclinic, community health worker, traditional practitioner, shop, pharmacy, community mobilisers, friend/relative, other

Note: Item 51 was an instruction to the interviewer to review responses to questions 47 and 50. The interviewer was told to ask Question 52 (Which medicines were given to (NAME)?) if the respondent did not report taking (NAME) to a health facility in response to either Question 47 or Question 50. As all eight respondents reported taking (NAME) to a health facility, Question 52 was not applicable (and was therefore to be skipped).

DIARRHEAL DISEASES

53. Has (NAME) had diarrhea in the last 2 weeks?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	23	7.7%	7.7%
NO	276	92.0%	99.7%
DON'T KNOW	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

54. What was given to treat the diarrhea?

(Number of respondents 23; multiple responses allowed)

Response	Frequency	Percent
Nothing	2	8.7%
Fluid from ORS packet	10	43.5%
Home –made fluid	5	21.7%
Pill or syrup	5	21.7%
Injection	1	4.3%
Intravenous	1	4.3%
Home remedies/herbal medicines	2	8.7%
Other	4	17.4%

“Other” included ‘potatoes’ (1 response, 4.3%), ‘rice soup’ (1 response, 4.3%), ‘tetracycline’ (1 response, 4.3%), and ‘water’ (1 response, 4.3%)

55. Ask this question if mother is currently breastfeeding.

When (NAME) had diarrhea, did you breastfeed him/her less than usual, about the same amount, or more than usual?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	1	4.3%	4.3%
SAME	4	17.4%	21.7%
MORE	5	21.7%	43.5%
QUESTION NOT ASKED	13	56.5%	100.0%
TOTAL	23	100.0%	100.0%

Not mentioned: ‘child not breastfed’ and ‘don’t know’

56. When (NAME) had diarrhea, was he/she offered less than usual to drink, about the same amount, or more than usual to drink?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	1	4.3%	4.3%
SAME	3	13.0%	17.4%
MORE	19	82.6%	100.0%
TOTAL	23	100.0%	100.0%

Not mentioned: ‘nothing to drink’ and ‘don’t know’

57. When (NAME) had diarrhea was he/she offered less, about the same, or more than usual to eat?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	9	39.1%	39.1%
SAME	10	43.5%	82.6%
MORE	3	13.0%	95.7%
NOTHING TO EAT	1	4.3%	100.0%
TOTAL	23	100.0%	100.0%

Not mentioned: 'don't know'

58. Did you seek advice or treatment from someone outside of the home for (NAME'S) diarrhea?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	14	60.9%	60.9%
NO	9	39.1%	100.0%
TOTAL	23	100.0%	100.0%

59. Where did you go first for advice or treatment?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
HOSPITAL	9	64.3%	64.3%
DOCTOR AMBULATORY CENTER	4	28.6%	92.9%
COMMUNITY MOBILISER	1	7.1%	100.0%
TOTAL	14	100.0%	100.0%

Not mentioned: Feldsher Midwife Point, health center, other health facility, traditional practitioner, shop, pharmacy, friend/relative, other

60. Who decided that you should go there for (NAME'S) illness?

(Number of respondents 14; multiple responses allowed)

Response	Frequency	Percent
Respondent	5	35.7%
Husband/partner	11	78.6%
Mother-in-law	1	7.1%
Father-in-law	1	7.1%

Not mentioned: respondent's mother, friends/neighbors

61. Where did you go next for advice or treatment?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
HOSPITAL	2	14.3%	14.3%
NOWHERE	12	85.7%	100.0%
TOTAL	14	100.0%	100.0%

Not mentioned: Doctor Ambulatory Center, Feldsher Midwife Point, health center, other health facility, traditional practitioner, shop, pharmacy, community mobilisers, friend/relative, other

62. During the period when (NAME) was recovering from diarrhea, did you give him/her less than usual to drink, about the same amount, or more than usual to drink?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
SAME	15	65.2%	65.2%
MORE	8	34.8%	100.0%
TOTAL	23	100.0%	100.0%

Not mentioned: 'less', 'nothing to drink' and 'don't know'

63. Have you heard of ORS?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	235	78.3%	78.3%
NO	65	21.7%	100.0%
TOTAL	300	100.0%	100.0%

CHILD SPACING

Note: Questions 64, 65, and 66 were identical to questions 2, 3, and 4 (except for an instruction to skip Question 66 if the answer to Question 65 was 'one child'). The three tables following this note are based on data collected in response to questions 2, 3, and 4; they are included here again to facilitate a review of child spacing information without having to refer back to tables presented earlier.

2. How many children living in this household are under age five?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
1	146	48.7%	48.7%
2	131	43.7%	92.3%
3	22	7.3%	99.7%
4	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

Range 1-4; mean 1.6

3. How many of those children are your biological children?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
1	157	52.3%	52.3%
2	127	42.3%	94.7%
3	16	5.3%	100.0%
TOTAL	300	100.0%	100.0%

Range 1-3; mean 1.5

4. What are the names, sexes, and dates of birth of your two youngest children?

Child	Sex	Age distribution
Youngest	Male 161 (53.7%) Female 139 (46.3%)	Number of respondents 300 Range 0 – 23 months Mean 11; median 11
Older	Male 70 (52.2%) Female 64 (47.8%)	Number of respondents 134 Range 13 – 61 months Mean 35; median 35

Distribution of birth intervals between two youngest children in household

For the 134 respondents reporting at least two children less than five years of age:

Range of birth interval = 8 months to 46 months

Mean =23 Median=22 25th percentile 15 75th percentile 30

BIRTH INTERVAL	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN 9 MONTHS	1	0.7%	0.7%
10 TO 14 MONTHS	30	22.4%	23.1%
15 TO 19 MONTHS	28	20.9%	44.0%
20 TO 24 MONTHS	20	14.9%	59.0%
25 TO 29 MONTHS	19	14.2%	73.1%
30 TO 34 MONTHS	13	9.7%	82.8%
35 TO 39 MONTHS	14	10.4%	93.3%
40 TO 44 MONTHS	7	5.2%	98.5%
45 TO 49 MONTHS	2	1.5%	100.0%
TOTAL	134	100.0%	100.0%

67. Do you know of a place where you could obtain a method of child spacing/family planning?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Hospital	72	24.0%
Feldsher Midwife Point	41	13.7%
Health Center	1	0.3%
Doctor Ambulatory Center	47	15.7%
Family Planning Clinic	1	0.3%
Other health facility (see Annex B)	10	3.3%
Friend/Relative	4	1.3%
Community mobilisers	35	11.7%
Other	7	2.3%
Don't know	95	31.7%

Not mentioned: pharmacy, shop, mosque

“Other” included ‘kindergarten’ (4 responses, 1.3%), ‘excom’ (1 response, 0.3%), ‘health educator’ (1 response, 0.3%), and ‘midwife’ (1 response, 0.3%)

68. Are you currently pregnant?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	25	8.3%	8.3%
NO	274	91.3%	99.7%
NO RESPONSE	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: ‘unsure’

69. Do you want to have another child?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	107	35.7%	35.7%
NO	165	55.0%	90.7%
DON'T KNOW	4	1.3%	92.0%
QUESTION NOT ASKED	24	8.0%	100.0%
TOTAL	300	100.0%	100.0%

70. When do you want to have your next child?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
WITHIN TWO YEARS	33	11.0%	11.0%
MORE THAN TWO YEARS FROM NOW	61	20.3%	31.3%
UNSURE WHEN	13	4.3%	35.7%
QUESTION NOT ASKED	193	64.3%	100.0%
TOTAL	300	100.0%	100.0%

71. Are you currently doing something or using any method to delay or avoid getting pregnant?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
NO METHOD	113	37.7%	37.7%
PILL	16	5.3%	43.0%
INTRA-UTERINE DEVICE	22	7.3%	50.3%
CONDOM	23	7.7%	58.0%
CONDOM & WITHDRAWAL & CALENDAR	2	0.7%	58.7%
OTHER MODERN METHODS	1	0.3%	59.0%
CALENDAR	23	7.7%	66.7%
WITHDRAWAL	29	9.7%	76.4%
WITHDRAWAL & CALENDAR	25	8.3%	84.7%
OTHER TRADITIONAL METHODS	6	2.0%	86.7%
CYCLE BEADS	14	4.7%	91.4%
QUESTION NOT ASKED	26	8.7%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: 'condom & spermicide', 'foam/jelly/cream', 'female sterilization', 'emergency hormone contraception', 'injections/DepoProvera',

POSTPARTUM CARE

72. After (NAME) was born, did anyone check on your health?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	185	61.7%	61.7%
NO	114	38.0%	99.7%
NO RESPONSE	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

73. How many days or weeks after the delivery did the first check take place?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
WITHIN SEVEN DAYS*	113	37.7%	37.7%
MORE THAN SEVEN DAYS	63	21.0%	58.7%
NO RESPONSE	9	3.0%	61.7%
QUESTION NOT ASKED	115	38.3%	100.0%
TOTAL	300	100.0%	100.0%

* See next table for details

Number of days mentioned by respondents who reported having been checked within seven days after delivery

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
ZERO (SAME DAY)	27	23.9%	23.9%
ONE	13	11.5%	35.4%
TWO	16	14.2%	49.6%
THREE	35	31.0%	80.5%
FOUR	3	2.7%	83.2%
FIVE	1	0.9%	84.1%
SIX	1	0.9%	85.0%
SEVEN	1	0.9%	85.8%
NO RESPONSE	16	14.2%	100.0%
TOTAL	113	100.0%	100.0%

74. Who checked on your health at that time?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
DOCTOR	72	24.0%	24.0%
NURSE	1	0.3%	24.3%
MIDWIFE	88	29.3%	53.7%
FELDSHER	11	3.7%	57.3%
TRADITIONAL BIRTH ATTENDANT	11	3.7%	61.0%
OTHER	1	0.3%	61.3%
NO RESPONSE	1	0.3%	61.7%
QUESTION NOT ASKED	115	38.3%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: family members

Respondent who mentioned 'other' did not specify the person who checked on her health

75. At the time, did the person check on (NAME'S) health as well?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	146	48.7%	48.7%
NO	38	12.7%	61.3%
NO RESPONSE	1	0.3%	61.7%
QUESTION NOT ASKED	115	38.3%	100.0%
TOTAL	300	100.0%	100.0%

76. Did you have any other postpartum checks?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
----------	-----------	---------	--------------------

YES	52	17.3%	17.3%
NO	132	44.0%	61.3%
NO RESPONSE	1	0.3%	61.7%
QUESTION NOT ASKED	115	38.3%	100.0%
TOTAL	300	100.0%	100.0%

HIV/AIDS

77. Have you ever heard of an illness called AIDS?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	214	71.3%	71.3%
NO	86	28.7%	100.0%
TOTAL	300	100.0%	100.0%

78. Is there anything a person can do to avoid getting AIDS or the virus that causes AIDS?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	179	59.7%	59.7%
NO	14	4.7%	64.4%
DON'T KNOW	106	35.3%	99.7%
NO RESPONSE	1	0.3%	100.0%
TOTAL	300	100.0%	100.0%

79. What can a person do?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Abstain from sex	36	12.0%
Use condoms	60	20.0%
Limit sex to one partner/stay faithful to one partner	75	25.0%
Limit number of sexual partners	17	12.7%
Avoid sex with prostitutes	38	0.3%
Avoid sex with persons who have many partners	20	6.7%
Avoid sex with persons who inject drugs intravenously	13	4.3%
Avoid blood transfusions	18	6.0%
Avoid injections	20	6.7%
Avoid kissing	17	5.7%
Seek protection from traditional healer	2	0.7%
Avoid sharing razors, blades	3	1.0%
Other	5	1.7%

Not mentioned: 'avoid mosquito bites'

"Other" included 'don't know' (2 responses, 0.7%), 'be faithful to husband' (1 response, 0.3%), 'do not have any contacts with sick person' (1 response, 0.3%); a specific response was not available for one mother who provided an "other" response

EDUCATION

80. What's your current level of education?

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
NEVER WENT TO SCHOOL	3	1.0%	1.0%
SCHOOL	276	92.0%	93.0%
COLLEGE (VOCATIONAL SCHOOL)	16	5.3%	98.3%
UNIVERSITY	5	1.7%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: 'post-graduate study', 'don't know'

Years of school

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
THREE	1	0.3%	0.3%
FOUR	4	1.3%	1.7%
FIVE	1	0.3%	2.0%
SIX	4	1.3%	3.3%
SEVEN	1	0.3%	3.7%
EIGHT	24	8.0%	11.7%
NINE	39	13.0%	24.7%
TEN	48	16.0%	40.7%
ELEVEN	154	51.3%	92.0%
NOT APPLICABLE	24	8.0%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: 'one', 'two'

Years of college (vocational school)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
TWO	2	0.7%	0.7%
THREE	4	1.3%	2.0%
NOT APPLICABLE	284	94.7%	96.7%
NO RESPONSE	10	3.3%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: 'one'

Years of university

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
FIVE OR MORE	2	0.7%	0.7%
NOT APPLICABLE	295	98.3%	99.0%
NO RESPONSE	3	1.0%	100.0%
TOTAL	300	100.0%	100.0%

Not mentioned: 'one', 'two', 'three', 'four'

HAND WASHING

81. When do you usually wash your hands with soap/ash?

(Number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Before food preparation	276	92.0%
Before feeding children	242	80.7%
After defecation	284	94.7%
After attending to a child who has defecated	287	95.7%
Other	104	34.7%

Not mentioned: 'never'

Seventy-eight respondents specified their "other" responses (multiple responses were allowed). These responses included 'after working around the house' (45 responses, 15.0%), 'always' (14 responses, 4.7%), 'after contact with animals' (8 responses, 2.7%), 'when needed' (5 responses, 1.7%), 'before eating' (1 response, 0.3%), 'after eating' (1 response, 0.3%), 'before and after eating' (1 response, 0.3%), 'after washing plates' (1 response, 0.3%), 'after work' (1 response, 0.3%), 'in the morning' (1 response, 0.3%), and 'when arms are dirty' (1 response, 0.3%). Note that the denominator for calculation of percent values is 300.

“Other” responses to final survey questions

16. What are symptoms during pregnancy indicating the need to seek health care?

(Responses other than pre-coded categories; number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Labor pains	76	25.3%
Vomiting	43	14.3%
Headache	26	8.7%
High blood pressure	20	6.7%
Chest pain	13	4.3%
Convulsions	11	3.7%
Backache	8	2.7%
Dizziness	7	2.3%
Weakness	6	2.0%
Anemia	4	1.3%
Feeling bad	3	1.0%
Abdominal pain	2	0.7%
Miscarriage	2	0.7%
Breathing difficulty	1	0.3%
Diarrhea	1	0.3%
Itching	1	0.3%
Kidney problems	1	0.3%
Problems with leg blood vessels	1	0.3%
Spots	1	0.3%

18. Where did you give birth?

(Name of hospital provided by 99 respondents)

Response	Frequency	Percent
Alvadi Village	1	1.0%
Baku Hospital	2	2.0%
Boradigah	6	6.1%
Boradigah Hospital	26	26.2%
Gosmalian Village Hospital	3	3.0%
Jalilabad Hospital	1	1.0%
Lenkeran Central Hospital	3	3.0%
Lerik	6	6.1%
Lerik Central Hospital	23	23.2%
Masally	3	3.0%
Masally Hospital	5	5.1%
Masally Central Hospital	1	1.0%
Kaluga Central Hospital, Russia	1	1.0%
Russian Hospital	1	1.0%
Salyan District Hospital	1	1.0%
Sumgait	1	1.0%
Yardimly Central Hospital	15	15.2%

39. Sometimes children get sick and need to receive care or treatment for illnesses. What are the signs of illness that would indicate your child needs treatment?

(Responses other than pre-coded categories; number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Diarrhea	90	30.0%
Cough	66	22.0%
Anxious	11	3.7%
Earache	5	1.7%
Abdominal pain	4	1.3%
Crying	4	1.3%
Rash	3	1.0%
Cold	2	0.7%
Runny nose	2	0.7%
Weakness	2	0.7%
Blood in stools	1	0.3%
Dehydration	1	0.3%
Pain in throat	1	0.3%
Red eye	1	0.3%
Sneezing	1	0.3%
Sweating	1	0.3%
Tonsillitis	1	0.3%
Watery eyes	1	0.3%

67. Do you know of a place where you could obtain a method of child spacing/family planning?

(Responses other than pre-coded categories -- listed by interviewers as 'other health facility'; number of respondents 300; multiple responses allowed)

Response	Frequency	Percent
Feldsher Midwife Point	1	0.3%
Health educator	3	1.0%
Health point	2	0.7%
Kindergarten	1	0.3%
Lenkeran Hospital	2	0.7%
Traditional birth attendant	1	0.3%

Additional results (Supplementary data analysis)

VITAMIN A (BY AGE GROUP)

36. Did (NAME) receive a vitamin A dose like this during the last 6 months?

Children 0 to 5 months of age

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	16	20.8%	20.8%
NO	51	66.2%	87.0%
DON'T KNOW	9	11.7%	98.7%
NO RESPONSE	1	1.3%	100.0%
TOTAL	77	100.0%	100.0%

Children 6 to 23 months of age

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
YES	130	58.3%	58.3%
NO	78	35.0%	93.3%
DON'T KNOW	15	6.7%	100.0%
TOTAL	223	100.0%	100.0%

SICK CHILD: FLUIDS AND FEEDING (BY AGE GROUP)

41. When (NAME) was sick, was he/she offered less than usual to eat, about the same amount, or more than usual?

Children 0 to 5 months of age (12 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	6	50.0%	50.0%
SAME AMOUNT	4	33.3%	83.3%
MORE THAN USUAL	2	16.7%	100.0%
TOTAL	12	100.0%	100.0%

Children 6 to 23 months of age (54 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	33	61.1%	61.1%
SAME AMOUNT	16	29.6%	90.7%
MORE THAN USUAL	4	7.4%	98.1%
NO RESPONSE	1	1.9%	100.0%
TOTAL	54	100.0%	100.0%

42. When (NAME) was sick, was he/she offered less than usual to drink, about the same amount, or more than usual?

Children 0 to 5 months of age (12 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	3	25.0%	25.0%
SAME AMOUNT	4	33.3%	58.3%
MORE THAN USUAL	5	41.7%	100.0%
TOTAL	12	100.0%	100.0%

Children 6 to 23 months of age (54 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	3	5.6%	5.6%
SAME AMOUNT	9	16.7%	22.2%
MORE THAN USUAL	41	75.9%	98.1%
NO RESPONSE	1	1.9%	100.0%
TOTAL	54	100.0%	100.0%

SICK CHILD: FLUIDS AND FEEDING (BY CURRENT BREASTFEEDING STATUS)

41. When (NAME) was sick, was he/she offered less than usual to eat, about the same amount, or more than usual?

Children currently breastfed (38 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	20	52.6%	52.6%
SAME AMOUNT	15	39.5%	92.1%
MORE THAN USUAL	3	7.9%	100.0%
TOTAL	38	100.0%	100.0%

Children not currently breastfed (28 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	19	67.9%	67.9%
SAME AMOUNT	5	17.9%	85.8%
MORE THAN USUAL	3	10.7%	96.4%
NO RESPONSE	1	3.6%	100.0%
TOTAL	28	100.0%	100.0%

42. When (NAME) was sick, was he/she offered less than usual to drink, about the same amount, or more than usual?

Children currently breastfed (38 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	4	10.5%	10.5%
SAME AMOUNT	11	28.9%	39.5%
MORE THAN USUAL	23	60.5%	100.0%
TOTAL	38	100.0%	100.0%

Children not currently breastfed (28 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS THAN USUAL	2	7.1%	7.1%
SAME AMOUNT	2	7.1%	14.2%
MORE THAN USUAL	23	82.1%	96.4%
NO RESPONSE	1	3.6%	100.0%
TOTAL	28	100.0%	100.0%

DIARRHEA MANAGEMENT (BY AGE GROUP)

54. What was given to treat the diarrhea?

(Multiple responses allowed)

Children 0 to 5 months of age (5 children)

Response	Frequency	Percent
Nothing	1	20.0%
Fluid from ORS packet	2	40.0%
Home –made fluid	1	20.0%
Intravenous	1	20.0%

Not mentioned: 'pill or syrup', 'injection', 'home remedies/herbal medicines', 'other'

Children 6 to 23 months of age (18 children)

Response	Frequency	Percent
Nothing	1	5.6%
Fluid from ORS packet	8	44.4%
Home –made fluid	4	22.2%
Pill or syrup	5	27.8%
Injection	1	5.6%
Home remedies/herbal medicines	2	11.1%
Other	4	22.2%

Not mentioned: 'intravenous'

'Other' included 'potatoes' (1 response, 5.6%), 'rice soup' (1 response, 5.6%), 'tetracycline' (1 response, 5.6%), and 'water' (1 response, 5.6%)

55. Ask this question if mother is currently breastfeeding.

When (NAME) had diarrhea, did you breastfeed him/her less than usual, about the same amount, or more than usual?

Children 0 to 5 months of age (5 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
SAME	3	60.0%	60.0%
MORE	1	20.0%	80.0%
QUESTION NOT ASKED	1	20.0%	100.0%
TOTAL	5	100.0%	100.0%

Not mentioned: 'less', 'child not breastfed' and 'don't know'

Children 6 to 23 months of age (18 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	1	5.6%	5.6%
SAME	1	5.6%	13.2%
MORE	4	22.2%	33.3%
QUESTION NOT ASKED	12	66.7%	100.0%
TOTAL	18	100.0%	100.0%

Not mentioned: 'child not breastfed' and 'don't know'

56. When (NAME) had diarrhea, was he/she offered less than usual to drink, about the same amount, or more than usual to drink?

Children 0 to 5 months of age (5 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
SAME	2	40.0%	40.0%
MORE	3	60.0%	100.0%
TOTAL	5	100.0%	100.0%

Not mentioned: 'less', 'nothing to drink' and 'don't know'

Children 6 to 23 months of age (18 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	1	5.6%	5.6%
SAME	1	5.6%	11.1%
MORE	16	88.9%	100.0%
TOTAL	18	100.0%	100.0%

Not mentioned: 'nothing to drink' and 'don't know'

57. When (NAME) had diarrhea was he/she offered less, about the same, or more than usual to eat?

Children 0 to 5 months of age (5 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	1	20.0%	20.0%
SAME	2	40.0%	60.0%
MORE	1	20.0%	80.0%
NOTHING TO EAT	1	20.0%	100.0%
TOTAL	5	100.0%	100.0%

Not mentioned: 'don't know'

Children 6 to 23 months of age (18 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	8	44.4%	44.4%
SAME	8	44.4%	88.9%
MORE	2	11.1%	100.0%
TOTAL	18	100.0%	100.0%

Not mentioned: 'nothing to eat', 'don't know'

DIARRHEA MANAGEMENT (BY BREASTFEEDING STATUS)

54. What was given to treat the diarrhea?

(Multiple responses allowed)

Not 'currently breastfed' (13 children)

Response	Frequency	Percent
Nothing	1	7.7%
Fluid from ORS packet	6	46.2%
Home -made fluid	2	15.4%
Pill or syrup	4	30.8%
Injection	1	7.7%
Home remedies/herbal medicines	1	7.7%
Other	2	15.4%

Not mentioned: 'intravenous'

"Other" included 'potatoes' (1 response, 7.7%), 'rice soup' (1 response, 7.7%)

'Currently breastfed' (10 children)

Response	Frequency	Percent
Nothing	1	10.0%
Fluid from ORS packet	4	40.0%
Home -made fluid	3	30.0%
Pill or syrup	1	10.0%
Intravenous	1	10.0%
Home remedies/herbal medicines	1	10.0%
Other	2	20.0%

Not mentioned: 'injection'

"Other" included 'tetracycline' (1 response, 10.0%), and 'water' (1 response, 10.0%)

Note: Question 55 is not included in this section as it was asked only if the mother said she was 'currently breastfeeding' the child. See Annex A for responses to the question.

56. When (NAME) had diarrhea, was he/she offered less than usual to drink, about the same amount, or more than usual to drink?

Not 'currently breastfed' (13 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	1	7.7%	7.7%
SAME	1	7.7%	15.4%
MORE	11	84.6%	100.0%
TOTAL	13	100.0%	100.0%

Not mentioned: 'nothing to drink' and 'don't know'

'Currently breastfed' (10 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
SAME	2	20.0%	20.0%
MORE	8	80.0%	100.0%
TOTAL	10	100.0%	100.0%

Not mentioned: 'less', 'nothing to drink' and 'don't know'

57. When (NAME) had diarrhea was he/she offered less, about the same, or more than usual to eat?

Not 'currently breastfed' (13 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	5	38.5%	38.5%
SAME	5	38.5%	76.9%
MORE	3	23.1%	80.0%
TOTAL	13	100.0%	100.0%

Not mentioned: 'nothing to eat', 'don't know'

'Currently breastfed' (10 children)

RESPONSE	FREQUENCY	PERCENT	CUMULATIVE PERCENT
LESS	4	40.0%	40.0%
SAME	5	50.0%	90.0%
NOTHING TO EAT	1	10.0%	100.0%
TOTAL	10	100.0%	100.0%

Not mentioned: 'more', 'don't know'

Annexure C: EpiInfo programs

Program for calculation of indicator values

```
***READING AND MERGING TWO DATA FILES, <Data1.mdb> AND <Data2.mdb>***
```

```
READ 'E:\Data1.mdb':viewAzeri
```

```
MERGE 'E:\Data2.mdb':viewAzeri RecNumb :: RecNumb APPEND
```

```
***READING DATA ON COMPLETED MONTHS IN AGE FROM <AgeCalc.mdb>***
```

```
RELATE 'E:\AgeCalc.mdb':AgeCalc RecNumb :: RecNumb
```

```
***CSPC24***
```

```
SELECT NOT Child2Date=(.)
```

```
DEFINE CSPC24
```

```
IF DAYS(Child2Date, N4C1DOB)>(365.25*2) THEN
```

```
    CSPC24=1
```

```
ELSE
```

```
    CSPC24=0
```

```
END
```

```
FREQ CSPC24 PSUVAR=ClusNumb
```

```
SELECT
```

```
***CDELSK***
```

```
DEFINE CDELSK
```

```
LET CDELSK=0
```

```
IF (N19A=1) OR (N19B=1) OR (N19C=1) OR (N19D=1) THEN
```

```
    CDELSK=1
```

```
ELSE
```

```
    CDELSK=0
```

```
END
```

```
FREQ CDELSK PSUVAR=ClusNumb
```

```
***CEBF***
```

```
DEFINE CEBFCNTR
```

```
LET
```

```
CEBFCNTR=N33B+N33C+N33D+N33E+N33F+N33G+N33H+N33I+N33J+N33K+N33L+N33M+N33N+N33O+N33P
```

```
DEFINE CEBF
```

```
LET CEBF=0
```

```
IF (N30=1) AND (CEBFCNTR=0) THEN
```

```
    CEBF=1
```

```
ELSE
```

```
    CEBF=0
```

```
END
```

```
SELECT CalcAge<6
```

```
FREQ CEBF PSUVAR=ClusNumb
```

```
SELECT
```

```
***CCF (CALCULATED USING BASELINE REPORT DEFINITION -- Q34>1)***
```

```
DEFINE CCFBL
```

```
LET CCFBL=0
```

```
IF (N33A=1) AND (N34>1 AND N34<8) THEN
```

```
    CCFBL=1
```

```
ELSE
```

```
    CCFBL=0
```

```
END
```

```
SELECT ((CalcAge>5) AND (CalcAge<10))
```

```

FREQ CCFBL PSUVAR=ClusNumb
SELECT

***CCF (CALCULATED USING STANDARD DEFINITION -- Q34>0)***
DEFINE CCFSTD
LET CCFSTD=0
IF (N33A=1) AND (N34>0 AND N34<8) THEN
    CCFSTD=1
ELSE
    CCFSTD=0
END
SELECT ((CalcAge>5) AND (CalcAge<10))
FREQ CCFSTD PSUVAR=ClusNumb
SELECT

***MEASLES***
SELECT CalcAge>11
FREQ N38D PSUVAR=ClusNumb
SELECT

***CSKCH2SN***

DEFINE CSKCHSNC
LET CSKCHSNC = N39B + N39C + N39D + N39E + N39F + N39G + N39H

DEFINE CSKCH2SN
LET CSKCH2SN = 0
IF CSKCHSNC>1 THEN
    CSKCH2SN =1
ELSE
    CSKCH2SN =0
END

FREQ CSKCH2SN PSUVAR=ClusNumb

***CSKFLFD (FOR ALL SICK CHILDREN)***

DEFINE CSKCHCT
LET CSKCHCT=N40A+N40B+N40C+N40D+N40E+N40F+N40G+N40H+N40I

DEFINE CSKCHDR
LET CSKCHDR = 0
IF CSKCHCT>0 THEN
    CSKCHDR=1
ELSE
    CSKCHDR=0
END

SELECT CSKCHDR=1

DEFINE CSKFLFD
LET CSKFLFD=0
IF ((N41=2) OR (N41=3)) AND (N42=3) THEN
    CSKFLFD=1
ELSE
    CSKFLFD=0

```

END

FREQ CSKFLFD PSUVAR=ClusNumb

SELECT

CSKFLFD1 (FOR SICK CHILDREN WHO ARE NOT EXCLUSIVELY BREASTFED)

DEFINE CSKCHCT1

LET CSKCHCT1=N40A+N40B+N40C+N40D+N40E+N40F+N40G+N40H+N40I

DEFINE CSKCHDR1

LET CSKCHDR1 = 0

IF CSKCHCT1>0 THEN

 CSKCHDR1=1

ELSE

 CSKCHDR1=0

END

DEFINE CSKFLFD1

LET CSKFLFD1=0

IF ((N41=2) OR (N41=3)) AND (N42=3) THEN

 CSKFLFD1=1

ELSE

 CSKFLFD1=0

END

SELECT CSKCHDR1

TABLES CSKFLFD CEBF PSUVAR=ClusNumb

SELECT

CHIVPR*

DEFINE CHIVPRCT

LET CHIVPRCT=N79A+N79B+N79C+N79D+N79E+N79F+N79G+N79H+N79I+N79M

DEFINE CHIVPR

LET CHIVPR = 0

IF CHIVPRCT>1 THEN

 CHIVPR=1

ELSE

 CHIVPR=0

END

FREQ CHIVPR PSUVAR=ClusNumb

CHNDCNT

DEFINE CHNDFDPR

LET CHNDFDPR = 0

IF N81B=1 THEN

 CHNDFDPR=1

ELSE

 CHNDFDPR=0

END

```

DEFINE CHNDFDNG
LET CHNDFDNG = 0
IF N81C=1 THEN
  CHNDFDNG=1
ELSE
  CHNDFDNG=0
END

```

```

DEFINE CHNDDEF
LET CHNDDEF = 0
IF N81D=1 THEN
  CHNDDEF=1
ELSE
  CHNDDEF=0
END

```

```

DEFINE CHNDCLN
LET CHNDCLN = 0
IF N81E=1 THEN
  CHNDCLN=1
ELSE
  CHNDCLN=0
END

```

```

DEFINE CHNDCNT
LET CHNDCNT = CHNDFDPR + CHNDFDNG + CHNDDEF + CHNDCLN
FREQ CHNDCNT PSUVAR=ClusNumb

```

```

***CPNTR***
SELECT (N43=1) AND (N44=1)

```

```

DEFINE CTRFRST
RECODE N47 TO CTRFRST
  1 - 5 = 1
  ELSE = 2
END

```

```

DEFINE CPNTR
IF (CTRFRST=1) THEN
  CPNTR=1
ELSE
  CPNTR=0
END

```

```

FREQ CPNTR PSUVAR=ClusNumb

```

```

SELECT

```

```

***CPREG2SN***

```

```

DEFINE CPREGSNC
LET CPREGSNC = N16A + N16B + N16C + N16D

```

```

DEFINE CPREG2SN
LET CPREG2SN = 0

```

```
IF CPREGSNC>1 THEN
  CPREG2SN =1
ELSE
  CPREG2SN =0
END
```

```
FREQ CPREG2SN PSUVAR=ClusNumb
```

```
***CANC2***
```

```
DEFINE CANC2
LET CANC2=0
IF N11>1 THEN
  CANC2=1
ELSE
  CANC2=0
END
```

```
FREQ CANC2 PSUVAR=ClusNumb
```

```
***CDITRT***
```

```
SELECT (N53=1)

DEFINE CDITRT
LET CDITRT = 0
IF (N54B=1) OR (N54C=1) OR (N54XO="RICE SOUP") THEN
  CDITRT=1
ELSE
  CDITRT=0
END
```

```
FREQ CDITRT PSUVAR=ClusNumb
```

```
SELECT
```

```
***CDIBF***
```

```
SELECT (N53=1) AND (N30=1)

DEFINE CDIBF
LET CDIBF = 0
IF (N55=2) OR (N55=3) THEN
  CDIBF=1
ELSE
  CDIBF=0
END
```

```
FREQ CDIBF PSUVAR=ClusNumb
```

```
SELECT
```

```
***CFP***
```

```
SELECT (NOT N68=1) AND (NOT N70=1)
```

```
DEFINE CFP
LET CFP = 0
IF (N71>1) AND (N71<12) THEN
  CFP=1
ELSE
  CFP=0
END
```

```
FREQ CFP PSUVAR=ClusNumb
```

```
SELECT
```

```
***CCOUGH RB***
```

```
DEFINE CCOUGHRB
LET CCOUGHRB = 0
IF (N39F=1) AND (N39IO LIKE "*COUGH*") THEN
  CCOUGHRB =1
ELSE
  CCOUGHRB =0
END
```

```
FREQ CCOUGHRB PSUVAR=ClusNumb
```

```
***CCGHorRB***
```

```
DEFINE CCGHorRB
LET CCGHorRB = 0
IF (N39F=1) OR (N39IO LIKE "*COUGH*") THEN
  CCGHorRB =1
ELSE
  CCGHorRB =0
END
```

```
FREQ CCGHorRB PSUVAR=ClusNumb
```

Program for displaying responses to survey questions

```
***READING AND MERGING TWO DATA FILES, <Data1.mdb> AND <Data2.mdb>***
```

```
READ 'E:\Data1.mdb':viewAzeri
```

```
MERGE 'E:\Data2.mdb':viewAzeri RecNumb :: RecNumb APPEND
```

```
***READING DATA ON COMPLETED MONTHS IN AGE FROM <AgeCalc.mdb>***
```

```
RELATE 'E:\AgeCalc.mdb':AgeCalc RecNumb :: RecNumb
```

```
FREQ IntwDate
```

```
FREQ IntwName
```

```
FREQ Supervisors
```

```
FREQ RescDate
```

```
FREQ Community
```

```
FREQ Ch1Sex
```

```
DEFINE Ch1AgeGp
```

```
RECODE CalcAge TO Ch1AgeGp
```

```
    0 - 5 = "0 - 5 months"
```

```
    6 - 11 = "6 - 11 months"
```

```
    12 - 17 = "12 - 17 months"
```

```
    18 - 23 = "18 - 23 months"
```

```
END
```

```
FREQ Ch1AgeGp
```

```
MEANS CalcAge
```

```
MEANS MothAge
```

```
Means N2
```

```
Means N3
```

```
FREQ N4C1Sex
```

```
DEFINE cN4C1Mth
```

```
cN4C1Mth=MONTHS(N4C1DOB, IntwDate)
```

```
Means cN4C1Mth
```

```
FREQ N4C2Sex
```

```
DEFINE cN4C2Mth
```

```
cN4C2Mth=MONTHS(Child2Date, IntwDate)
```

```
Means cN4C2Mth
```

```
SET MISSING=ON
```

```
FREQ N5
```

```
SET MISSING=OFF
```

```
MEANS N6
```

```
FREQ N7
```

```
MEANS N8
```

```
FREQ N8a
```

```
FREQ N9
```

```
FREQ N10A N10B N10C N10D N10E N10X N10XO
```

```
Means N11
```

```
FREQ N12A N12B N12C N12D N12E
```

```
FREQ N13A N13B N13C N13D N13X N13XO
```

```
FREQ N14
```

```
FREQ N15A N15B N15C N15D N15E N15X N15XO
```

```
FREQ N16A N16B N16C N16D N16X N16XO N16Z
```

```
DEFINE CN16ANE
LET CN16ANE = 0
IF (N16XO LIKE "*ANEM*") THEN
  CN16ANE =1
ELSE
  CN16ANE =0
END
```

```
DEFINE CN16BP
LET CN16BP = 0
IF (N16XO LIKE "*BLOOD PRE*") THEN
  CN16BP =1
ELSE
  CN16BP =0
END
```

```
DEFINE CN16HEAD
LET CN16HEAD = 0
IF (N16XO LIKE "*HEAD*") THEN
  CN16HEAD =1
ELSE
  CN16HEAD =0
END
```

```
DEFINE CN16VOM
LET CN16VOM = 0
IF (N16XO LIKE "*VOMIT*") THEN
  CN16VOM =1
ELSE
  CN16VOM =0
END
```

```
DEFINE CN16PAIN
LET CN16PAIN = 0
IF (N16XO LIKE "*PAIN*") THEN
  CN16PAIN =1
ELSE
  CN16PAIN =0
END
```

```
DEFINE CN16WEAK
LET CN16WEAK = 0
IF (N16XO LIKE "*WEAK*") THEN
  CN16WEAK =1
ELSE
  CN16WEAK =0
END
```

```
DEFINE CN16CONV
LET CN16CONV = 0
IF (N16XO LIKE "*CONV*") THEN
  CN16CONV =1
ELSE
  CN16CONV =0
END
```

```

DEFINE CN16BRTH
LET CN16BRTH = 0
IF (N16XO LIKE "*BREATH*") THEN
  CN16BRTH =1
ELSE
  CN16BRTH =0
END

```

```

DEFINE CN16DIZZ
LET CN16DIZZ = 0
IF (N16XO LIKE "*DIZZI*") THEN
  CN16DIZZ =1
ELSE
  CN16DIZZ =0
END

```

```

DEFINE CN16ABOR
LET CN16ABOR = 0
IF (N16XO LIKE "*MISCARR*") THEN
  CN16ABOR =1
ELSE
  CN16ABOR =0
END

```

```

FREQ CN16ANE CN16BP CN16HEAD CN16VOM CN16PAIN CN16WEAK CN16CONV CN16BRTH
CN16DIZZ CN16ABOR

```

```

SET MISSING=ON
FREQ N17
FREQ N17O
SET MISSING=OFF

```

```

FREQ N18 N18NAME N18OFAC N18O
FREQ N19A N19B N19C N19D N19E N19F N19G N19Y N19GO
FREQ N20
FREQ N21
FREQ N22 N22FAM N22O
FREQ N23 N23O
FREQ N24 N24O
FREQ N25
FREQ N26A N26B N26C N26D N26E N26F N26G N26X N26XO
FREQ N27
FREQ N28 N29 N30
MEANS N31
FREQ N32A N32B N32C N32D N32E N32F N32G N32H N32I N32X N32XO
FREQ N33A N33B N33C N33D N33E N33F N33G N33H N33I
FREQ N33J N33K N33L N33M N33N N33O N33P

```

```

SELECT CalcAge < 6
FREQ N33A N33B N33C N33D N33E N33F
SELECT

```

```

SELECT CalcAge > 5
FREQ N33A N33B N33C N33D N33E N33F
SELECT

```

```
SELECT CalcAge < 6
FREQ N33G N33H N33I N33J N33K N33L N33M N33N N33O N33P
SELECT
```

```
SELECT CalcAge > 5
FREQ N33G N33H N33I N33J N33K N33L N33M N33N N33O N33P
SELECT
```

Means N34

```
SELECT CalcAge > 5
Means N34
SELECT
```

```
FREQ N35
FREQ N36
FREQ N37
FREQ N37A
FREQ N38A N38B N38C N38D
```

```
FREQ N39A N39B N39C N39D N39E N39F N39G N39H
FREQ N39I
FREQ N39IO
```

```
DEFINE CN39DI
LET CN39DI = 0
IF (N39IO LIKE "*DI*") THEN
    CN39DI =1
ELSE
    CN39DI =0
END
```

```
DEFINE CN39EAR
LET CN39EAR = 0
IF (N39IO LIKE "*EAR*") THEN
    CN39EAR =1
ELSE
    CN39EAR =0
END
```

```
DEFINE CN39CGH
LET CN39CGH = 0
IF (N39IO LIKE "*COUG*") THEN
    CN39CGH =1
ELSE
    CN39CGH =0
END
```

```
DEFINE CN39DEH
LET CN39DEH = 0
IF (N39IO LIKE "*DEH*") THEN
    CN39DEH =1
ELSE
    CN39DEH =0
END
```

```
DEFINE CN39STL
```

```
LET CN39STL = 0
IF (N39IO LIKE "*STOOL*") THEN
    CN39STL =1
ELSE
    CN39STL =0
END
```

```
DEFINE CN39CRY
LET CN39CRY = 0
IF (N39IO LIKE "*CRY*") THEN
    CN39CRY =1
ELSE
    CN39CRY =0
END
```

```
DEFINE CN39WEAK
LET CN39WEAK = 0
IF (N39IO LIKE "*WEAK*") OR (N39IO LIKE "*WEEK*") THEN
    CN39WEAK =1
ELSE
    CN39WEAK =0
END
```

```
DEFINE CN39WTRY
LET CN39WTRY = 0
IF (N39IO LIKE "*WATERING*") THEN
    CN39WTRY =1
ELSE
    CN39WTRY =0
END
```

```
DEFINE CN39NOSE
LET CN39NOSE = 0
IF (N39IO LIKE "*NOSE*") THEN
    CN39NOSE =1
ELSE
    CN39NOSE =0
END
```

```
DEFINE CN39ANX
LET CN39ANX = 0
IF (N39IO LIKE "*ANX*") OR (N39IO LIKE "*AX*") THEN
    CN39ANX =1
ELSE
    CN39ANX =0
END
```

```
DEFINE CN39TON
LET CN39TON = 0
IF (N39IO LIKE "*TON*") THEN
    CN39TON =1
ELSE
    CN39TON =0
END
```

```
DEFINE CN39ABD
LET CN39ABD = 0
```

```
IF (N39IO LIKE "*ABD*") THEN
  CN39ABD =1
ELSE
  CN39ABD =0
END
```

```
DEFINE CN39RASH
LET CN39RASH = 0
IF (N39IO LIKE "*RUSH*") THEN
  CN39RASH =1
ELSE
  CN39RASH =0
END
```

```
DEFINE CN39RED
LET CN39RED = 0
IF (N39IO LIKE "*RED*") THEN
  CN39RED =1
ELSE
  CN39RED =0
END
```

```
DEFINE CN39THRT
LET CN39THRT = 0
IF (N39IO LIKE "*THR*") THEN
  CN39THRT =1
ELSE
  CN39THRT =0
END
```

```
DEFINE CN39COLD
LET CN39COLD = 0
IF (N39IO LIKE "*COLD*") THEN
  CN39COLD =1
ELSE
  CN39COLD =0
END
```

```
DEFINE CN39SNZ
LET CN39SNZ = 0
IF (N39IO LIKE "*SNEEZE*") THEN
  CN39SNZ =1
ELSE
  CN39SNZ =0
END
```

```
DEFINE CN39PERS
LET CN39PERS = 0
IF (N39IO LIKE "*PERS*") THEN
  CN39PERS =1
ELSE
  CN39PERS =0
END
```

```
FREQ CN39DI CN39EAR CN39CGH CN39DEH CN39STL CN39CRY CN39WEAK CN39WTRY
FREQ CN39NOSE CN39ANX CN39TON CN39ABD CN39RASH CN39RED
FREQ CN39THRT CN39COLD CN39SNZ CN39PERS
```

FREQ N40A N40B N40C N40D N40E N40F N40G N40H N40I N40Y
FREQ N40IO
FREQ N41 N42

DEFINE CEBFCNTR

LET

CEBFCNTR=N33B+N33C+N33D+N33E+N33F+N33G+N33H+N33I+N33J+N33K+N33L+N33M+N33N+N33
O+N33P

DEFINE CEBF

LET CEBF=0

IF (N30=1) AND (CEBFCNTR=0) THEN

CEBF=1

ELSE

CEBF=0

END

SET MISSING=ON

TABLES CEBF N41 STRATAVAR= N40Y

TABLES CEBF N42 STRATAVAR= N40Y

SET MISSING=OFF

SET MISSING=ON

FREQ N43 N44

SELECT N44=1

FREQ N45

SELECT N45=1

FREQ N46 N47

FREQ N47FAC N47O

FREQ N48A N48B N48C N48D N48E N48X N48XO

FREQ N49 N50

FREQ N50FAC N50O

FREQ N52A N52B N52C N52D N52E N52X N52Z N52XO

SELECT

SET MISSING=OFF

SET MISSING=ON

FREQ N53

SELECT N53=1

FREQ N54A N54B N54C N54D N54E N54F N54G

FREQ N54X N54XO

FREQ N55 N56 N57 N58

SELECT N58=1

FREQ N59 N59FAC N59O

FREQ N60A N60B N60C N60D N60E N60X N60XO

FREQ N61 N61FAC N61O

SELECT

SELECT N53=1

FREQ N62

SELECT

FREQ N63

SET MISSING=OFF

SELECT NOT Child2Date=(.)

DEFINE CAGEDIFF

CAGEDIFF=MONTHS(Child2Date, N4C1DOB)

Means CAGEDIFF

SELECT

FREQ N67A N67B N67C N67D N67E N67F N67G
FREQ N67H N67I N67J N67K N67X N67Z
FREQ N67FAC
FREQ N67XO

SET MISSING=ON
FREQ N68 N69 N70 N71
SET MISSING=OFF

SET MISSING=ON
FREQ N72
SELECT N72=1
FREQ N73 N73DAY N74 N74O N75 N76
SELECT
SET MISSING=OFF

SET MISSING=ON
FREQ N77 N78
FREQ N79A N79B N79C N79D N79E N79F N79G
FREQ N79H N79I N79J N79K N79L N79M N79N
FREQ N79NO
SET MISSING=OFF

SET MISSING=ON
FREQ N80 N801 N802 N803 N804
SET MISSING=OFF

SET MISSING=ON
FREQ N81A N81B N81C N81D N81E N81X N81XO
SET MISSING=OFF

Program for additional analysis

READING AND MERGING TWO DATA FILES, <Data1.mdb> AND <Data2.mdb>

```
READ 'E:\Data1.mdb':viewAzeri
MERGE 'E:\Data2.mdb':viewAzeri RecNumb :: RecNumb APPEND
```

READING DATA ON COMPLETED MONTHS IN AGE FROM <AgeCalc.mdb>

```
RELATE 'E:\AgeCalc.mdb':AgeCalc RecNumb :: RecNumb
```

```
SET MISSING=ON
SELECT CalcAge < 6
FREQ N36
SELECT
SET MISSING=OFF
```

```
SET MISSING=ON
SELECT CalcAge > 5
FREQ N36
SELECT
SET MISSING=OFF
```

```
SET MISSING=ON
TABLES N30 N41 STRATAVAR= N40Y
TABLES N30 N42 STRATAVAR= N40Y
SET MISSING=OFF
```

```
SET MISSING=ON
SELECT CalcAge < 6
FREQ N41 STRATAVAR= N40Y
FREQ N42 STRATAVAR= N40Y
SELECT
SET MISSING=OFF
```

```
SET MISSING=ON
SELECT CalcAge > 5
FREQ N41 STRATAVAR= N40Y
FREQ N42 STRATAVAR= N40Y
SELECT
SET MISSING=OFF
```

```
DEFINE CDiCrnBF
```

```
IF NOT N55=(.) THEN
  CDiCrnBF=1
ELSE
  CDiCrnBF=0
END
```

```
SET MISSING=ON
TABLES CDiCrnBF N56 STRATAVAR= N53
TABLES CDiCrnBF N57 STRATAVAR= N53
SET MISSING=OFF
```

```
SET MISSING=ON
SELECT (N53=1) AND (CDiCrnBF=0)
FREQ N54A N54B N54C N54D N54E N54F N54G
FREQ N54X N54XO
```

SELECT
SET MISSING=OFF

SET MISSING=ON
SELECT (N53=1) AND (CDiCrnBF=1)
FREQ N54A N54B N54C N54D N54E N54F N54G
FREQ N54X N54XO
SELECT
SET MISSING=OFF

SET MISSING=ON
SELECT (CalcAge < 6) AND (N40Y=0)
FREQ N41 N42
SELECT
SET MISSING=OFF

SET MISSING=ON
SELECT (CalcAge > 5) AND (N40Y=0)
FREQ N41 N42
SELECT
SET MISSING=OFF

SET MISSING=ON
SELECT (CalcAge < 6) AND (N53=1)
FREQ N54A N54B N54C N54D N54E N54F N54G
FREQ N54X N54XO
FREQ N55 N56 N57
SELECT
SET MISSING=OFF

SET MISSING=ON
SELECT (CalcAge > 5) AND (N53=1)
FREQ N54A N54B N54C N54D N54E N54F N54G
FREQ N54X N54XO
FREQ N55 N56 N57
SELECT
SET MISSING=OFF

Annexure D: Agenda for training of survey teams
**Training on Survey and Health Facility Assessment
Methodology**

AGENDA

April 27, 2006:

- 9:30 a.m. Opening
Child Survival project/ Objectives of the survey
- 10:00 a.m. Organization of work/ Contracts
- Place of work
 - Condition of work
 - Per Diem/ Compensations
 - Transportation
 - Signing contracts
 - Lengths of contracts
- 11:00 a.m. Tea/ coffee break*
- 11:15 a.m. Survey design and sampling
- Institutional Participation
 - Organization of field work staff training
 - Responsibilities: Interviewer's, Supervisor's
 - Conduct of the field work
- 1:00 p.m. Lunch*
- 2:00 p.m. Survey questionnaire
- 3:30 p.m. Tea/ coffee break*
- 3:45 p.m. Survey questionnaire
- 5:30 p.m. Closing of the day

April 28, 2006:

- 9:30 a.m. Discussion on previous day
- 10:00 a.m. Survey questionnaire feedback.
11:00 a.m. Tea/ coffee break
- 11:15 a.m. Health facility assessment questionnaire
1:00 p.m. Lunch
- 2:00 p.m. Health facility assessment questionnaire
3:30 p.m. Tea/ coffee break
- 3:45 p.m. General rules in conducting the interview
- 5:30 p.m. Closing of the day

Annexure E: Questionnaire

Informed consent

Hello, my name is _____, and I am working with Mercy Corps, Child Survival Project. We are conducting a survey and would appreciate your participation. I would like to ask you about your health and the health of your youngest child under the age of two. This information will help Child Survival Project to plan health services and assess whether it is meeting its goals to improve children's health. The survey usually takes 30 minutes to complete. Whatever information you provide will be kept strictly confidential and will not be shown to other persons.

Participation in this survey is voluntary and you can choose not to answer any individual question or all of the questions. However, we hope that you will participate in this survey since your views are important.

At this time, do you want to ask me anything about the survey?

Signature of interviewer: _____ Date: _____

***Respondent agrees to be interviewed__1
interviewed__2***

Respondents does not agree to be interviewed

<i>Identification</i>	
<i>Cluster</i>	<i>number</i>
.....	
<i>Household</i>	<i>number</i>
.....	
<i>Record</i>	<i>number</i>
.....	

All questions are to be addressed to mother with a child less than 24 months of age

<i>Interview date</i>/...../...../	<i>Reschedule interview</i>/...../...../
<i>(dd/mm/yy)</i>	<i>(dd/mm/yy)</i>
<i>Interviewer's name</i>	
<i>Supervisor's name</i>	
<i>Community</i>	
<i>Name of the mother</i>	<i>Name of all children less than 24 months</i>
.....	-----
	<i>Child 1: Sex of child (1-male, 2-female)</i>
	<i>Date of birth</i> <i>Day</i> _____
	<i>Month</i> _____
	<i>Year</i> _____
	<i>Age of the child (in months)</i> _____
	<i>Child 2: Sex of child (1-male, 2-female)</i>
	<i>Date of birth</i> <i>Day</i> _____
	<i>Month</i> _____
	<i>Year</i> _____
	<i>Age of the child (in months)</i> _____
<i>Age of the mother (in years)</i> -----	

KPC₂₀₀₀ Rapid Core Assessment Tool on Child Health (CATCH)

This questionnaire targets mothers of children less than 24 months of age.

RECORD INTERVIEW DATE

DAY	MONTH	YEAR

8. How old are you?
 RECORD AGE OF RESPONDENT IN YEARS: ____ ____
9. How many children living in this household are under age five? _____
10. How many of those children are your biological children? _____

11. READ ONE OF THE FOLLOWING QUESTIONS BASED UPON MOTHER'S RESPONSE TO Q.3:
ONLY 1 CHILD UNDER FIVE: "What is the name, sex, and date of birth of that child?"

MORE THAN 1 CHILD UNDER FIVE: "What are the names, sexes, and dates of birth of your two youngest children?"

	NAME	SEX	DATE OF BIRTH
1		1. MALE 2. FEMALE	____ / ____ / ____ DD MM YY
2		1. MALE 2. FEMALE	____ / ____ / ____ DD MM YY

ALL SUBSEQUENT QUESTIONS PERTAIN TO THE YOUNGEST CHILD UNDER AGE TWO

ANTHROPOMETRY

12. May I weigh (NAME)?
 YES 1
 NO → **SKIP TO Q.7**
13. IF MOTHER AGREES, WEIGH THE CHILD AND RECORD WEIGHT BELOW. RECORD TO THE NEAREST TENTH.
 ____ . ____ KILOGRAMS
7. Was (NAME) weighed at birth?
 Yes 1
 No 2 → skip to Q.9
 Don't know 8 → skip to Q.9
8. If yes, how much did (NAME) weigh?
 Grams
 Don't know 8

PRENATAL CARE

9. Did you see anyone for prenatal care while you were pregnant with (NAME)?

- | | | |
|-----|-----|--------------|
| Yes | 1 | |
| No | 2 → | Skip to Q.13 |

10. If yes, who did you see?

Probe for the type of person and record all persons mentioned by mother. Don't read.

- | | |
|-----------------------|---|
| Doctor | A |
| Nurse | B |
| Midwife | C |
| Feldsher | D |
| TBA | E |
| Other (specify) _____ | X |

11. How many times were you seen for care during the pregnancy with (NAME)?

Number of times _____

12. During your prenatal check, were you counseled on the following?

- | | Yes | No |
|----------------------------|-----|----|
| Delivery preparations? | 1 | 2 |
| Breastfeeding? | 1 | 2 |
| Child spacing? | 1 | 2 |
| EPI? | 1 | 2 |
| Danger signs of pregnancy? | 1 | 2 |

13. How would you get to the nearest health facility?

Record all mentioned.

- | | |
|-------------|---|
| Walk | A |
| Car | B |
| Horse, mule | C |
| Ox cart | D |
| Other _____ | X |
| (Specify) | |

14. How long would it take you to get to nearest health facility?

- | | | |
|----------------------|---|--|
| Less than one hour | 1 | |
| 1 to 3 hours | 2 | |
| Greater than 3 hours | 3 | |
| Don't know | 8 | |

15. Who would decide that you should go there?

Record all mentioned. Don't read.

- | | |
|-----------------------|---|
| RESPONDENT | A |
| HUSBAND/PARTNER | B |
| RESPONDENT'S MOTHER | C |
| MOTHER-IN-LAW | D |
| FRIENDS/NEIGHBORS | E |
| Other (specify) _____ | X |

16. What are symptoms during pregnancy indicating the need to seek health care?

Record all mentioned. Don't read.

FEVER	A
SHORTNESS OF BREATH	B
BLEEDING	C
SWELLING OF THE BODY/HANDS/FACE	D
OTHER (SPECIFY) _____	X
Don't know	Z

17. Where is the place you would go for first care if you had these symptoms?

HEALTH FACILITY	
HOSPITAL	01
DAC	02
FAP	03
HEALTH CENTER	04
OTHER HEALTH FACILITY (SPECIFY)	05
OTHER SOURCE	
TRADITIONAL PRACTITIONER	06
SHOP	07
PHARMACY	08
COMMUNITY MOBILISER	09
FRIEND/RELATIVE	10
OTHER (SPECIFY) _____	88

DELIVERY AND IMMEDIATE NEWBORN CARE

18. Where did you give birth?

Home	
Your home	11
Other home	12

If source is hospital, health center, or clinic, write the name of the place

Name of the place: _____

Health facility	
Hospital	13
DAC	14
FAP	15
Health center	16
Clinics	17
Other health facility (specify) _____	18
Other (specify) _____	88

19. Who assisted you with (NAME) delivery?

Record all mentioned.

Health professional	
Doctor	A
Nurse	B
Midwife	C
Feldsher	D
TBA	E
Family member	F
Other (Specify) _____	G
No one	Y

20. Was a clean birth kit used?

Yes	1
-----	---

	No	2
	Don't know	8
21. What instrument was used to cut the cord?		
	New razor blade	1
	Other instrument	2
22. Who cut the cord?		
	Health professional	
	Doctor	1
	Nurse	2
	Midwife	3
	Feldsher	4
	Other person	
	TBA	5
	Family member (specify)_____	6
	Other (specify) _____	7
	No one	8
23. Where was (NAME) put immediately after birth?		
	With mother	1
	In a cot	2
	In a bed	3
	Bathed	4
	Other (specify) _____	6
	Don't know	8
24. What did you do with (NAME) immediately after birth?		
	Breastfeed	1
	Bathed	2
	Let sleep	3
	Other (specify) _____	6
	Don't know	8

BREAST-FEEDING

25. Did you ever breast-feed (NAME)?		
	Yes	1 → skip to Q.27
	No	2 → answer Q.26 and skip to Q.32
26. If no, why you did not breast-feed?		
	Mother was sick/weak	A
	Child was sick/weak	B
	Nipples/breast/gland problems	C
	Not enough milk	D
	Mother worked	E
	Child refused	F
	Preferred artificial nutrient	G
	Other (specify)_____	X
	<i>Skip to Q. 32</i>	
27. How long after birth did you first put (NAME) to the breast?		
	Within first hour after delivery	1
	After the first hour	2

28. During the first three days after delivery, did you give (name) the liquid that came from your breasts?

Yes	1
No	2
Don't know	8

29. During the first three days after delivery, did you give (name) anything else to eat or drink before feeding him/her breast milk?

Yes	1
No	2
Don't know	8

30. Are you currently breastfeeding (NAME)?

Yes	1 → skip to Q.32
No	2

31. How long did you breastfeed (NAME)?

Months

If less than one month, record '00' months.

32. What did you give (NAME) immediately after birth?

Record all mentioned. Read. Probe: "anything else"

Breast milk	A
Milk (Other than breast milk)	B
Plain water	C
Sugar or glucose water	D
Sugar-salt water solution	E
Fruit juice	F
Infant formula	G
Tea/infusions	H
Honey	I
Other (Specify) _____	X

33. Now I would like to ask you about the types of liquids (name) drank yesterday during the day and at night.

Every option in this question should be asked to the caretaker.

Did (name) drink any of the following liquids yesterday during the day or at night?

Read. Circle the letter if child drank the liquid mentioned below.

- | | |
|---|---|
| Breast milk? | A |
| Plain water? | B |
| Commercially produced infant formula? | C |
| Any other milk such as tinned, powdered, or fresh animal milk? | D |
| Fruit juice? | E |
| Any other liquids such as sugar water, tea, coffee, carbonated drinks, or soup broth? | F |

Now I would like to ask you about the types of foods (Name) ate yesterday during the day and at night.

Did (Name) eat any of the following foods yesterday during the day or at night?

Read. Circle the letter if child ate the food in question

- | | |
|---|---|
| Any food made from grains (e.g. maize, rice, wheat, porridge, buckwheat porridge, or other local grains)? | G |
| Pumpkin, red or yellow yams or squash, carrots, or red sweet potatoes? | H |
| Any other food made from roots or tubers (e.g. white potatoes, or other local roots/tubers)? | I |
| Any green leafy vegetables? | J |
| Any vitamin A rich fruits? (apricots, plums, watermelon, cantaloupe, tangerines, oranges) | K |
| Any other fruits or vegetables (e.g. bananas, apples/sauce, avocados, tomatoes)? | L |
| Meat, poultry, fish, or eggs? | M |
| Any foods made from legumes (e.g. lentils, beans, soybeans, pulses, or peanuts)? | N |
| Cheese or yogurt? | O |
| Any food made with oil, fat, or butter? | P |

34. How many times did (NAME) eat semi-solid (mashed or pureed) food yesterday during the day or at night?

Number of times _____ *If 7 of more times, record '7'*
 Don't know 8

35. May I see the salt that is used for cooking? Does the box say "Iodized salt"?

Yes 1
 No 2
 Don't know 8

CHILD IMMUNIZATION

36. Did (NAME) receive a vitamin A dose like this during the last 6 months?

Yes 1
No 2
 Don't know 8

Show capsule

37. Did (NAME) ever receive any vaccinations?

Yes 1
 No 2 → *skip to Q.39*
 Don't know 8 → *skip to Q.39*

37A. Do you have a card where (NAME'S) vaccinations are written down?

If yes, may I see it please?

Yes, seen by interviewer 1
 Not available/lost/misplaced 2
 Never had a card 3
 In Health Facility 4
 Don't know 8

Please tell me if (NAME) received any of the following vaccinations.

38A. A BCG vaccination against tuberculosis, that is an injection in the arm or shoulder that usually causes a scar?

Yes 1
 No 2
 Don't know 8

38B. Polio vaccine, which is drops in the mouth?

Yes 1
 No 2 → *skip to Q. 38C*
 Don't know 8 → *skip to Q. 38C*

38C. DPT vaccination, which is an injection given in the thigh or buttocks, sometimes at the same time as polio drops?

Yes 1
 No 2 → *skip to Q.38D*
 Don't know 8 → *skip to Q.38D*

38D. An injection to prevent measles?

Yes	1
No	2
Don't know	8

SICK CHILD

39. Sometimes children get sick and need to receive care or treatment for illnesses. What are the signs of illness that would indicate your child needs treatment?

Record all mentioned.

Don't know	A
Looks unwell or not playing normally	B
Not eating or drinking	C
Lethargic or difficult to wake	D
High fever	E
Fast or difficult breathing	F
Vomits everything	G
Convulsions	H
Other (Specify).....	I

40. Did (NAME) experience any of the following in the past two weeks?

Circle all that apply.

Diarrhea	A
Blood in stool	B
Cough	C
Difficult breathing	D
Fast breathing/short quick breaths	E
Fever	F
Malaria	G
Convulsions	H
Other illness (specify) _____	I
None of the above	Y → skip to Q.43

41. When (NAME) was sick, was he/she offered less than usual to eat, about the same amount, or more than usual to eat?

Less than usual	1
Same amount	2
More than usual	3

42. When (NAME) was sick, was he/she offered less than usual to drink, about the same amount, or more than usual to drink?

Less than usual	1
Same amount	2
More than usual	3

ARI

43. Has (NAME) had an illness with a cough at any time in the last two weeks?
 Yes 1
 No 2 → skip to Q.53
 Don't know 8 → skip to Q.53

44. When (NAME) had an illness with a cough, did he/she have trouble breathing or breathe faster than usual with short, fast breaths?
 Yes 1
 No 2 → skip to Q.53
 Don't know 8 → skip to Q.53

45. Did you seek advice or treatment for the cough/fast breathing?
 Yes 1
 No 2 → skip to Q.53

46. How long after you noticed (NAME'S) cough and fast breathing did you seek treatment?
 Same day 0
 Next day 1
 Two days 2
 Three or more days 3

47. Where did you first go for advice or treatment?
 Health facility
 Hospital 01
 DAC 02
 FAP 03
 Health center 04
 Polyclinic 05
 Community Health Worker 06
 Other health facility (specify) 07

.....
 (Name of place)

Other source
 Traditional practitioner 08
 Shop 09
 Pharmacy 10
 Community mobilisers 11
 Friend/relative 12
 Other (specify)_____ 88

48. Who decided that you should go there for (NAME'S) illness?
Record all mentioned.
 Respondent A
 Husband/partner B
 Respondent's mother C
 Mother-in-law D
 Friends/neighbors E
 Other (specify) _____ X

49. Did you go anywhere else for advice or treatment for (NAME'S) cough and fast/difficult breathing?

Yes	1
No	2 → skip to Q.51

50. Where did you go next for advice or treatment?

Health facility	
Hospital	01
DAC	02
FAP	03
Health Center	04
Polyclinic	05
Community Health Worker	06
Other health facility (specify)_____	07

Name of place:.....

Other source	
Traditional practitioner	08
Shop	09
Pharmacy	10
Community Mobilizers	11
Friend/relative	12
Other (specify)_____	88

51. Look at the mother's responses to Q.47 and Q.50. If the mother did not report taking (NAME) to a health facility ask Q.52, otherwise go to Q 53

52. Which medicines were given to (NAME)?

Read. Record all mentioned.

Nothing	A
Aspirin	B
Paracetamol	C
Amoxycillin	D
Erythromycin	E
Other (specify)_____	X
Don't know	Z

DIARRHEAL DISEASES

53. Has (NAME) had diarrhea in the last 2 weeks?

Yes	1
No	2 → skip to Q.63
Don't know	8 → skip to Q.63

54. What was given to treat the diarrhea?

Record all mentioned. Probe for "anything else".

Nothing	A	
Fluid from ORS packet		B
Home –made fluid		C
Pill or syrup		D
Injection		E
(IV) Intravenous	F	
Home remedies/herbal medicines		G
Other (specify) _____		X

55. Ask this question if mother is currently breastfeeding.

When (NAME) had diarrhea, did you breastfeed him/her less than usual, about the same amount, or more than usual?

Less		1
Same		2
More		3
Child not breastfed		4
Don't know _____		8

56. When (NAME) had diarrhea, was he/she offered less than usual to drink, about the same amount, or more than usual to drink?

Less		1
Same		2
More		3
Nothing to drink		4
Don't know _____		8

57. When (NAME) had diarrhea was he/she offered less than usual to eat, about the same amount, or more than usual to eat?

Less		1
Same		2
More		3
Nothing to eat		4
Don't know _____		8

58. Did you seek advice or treatment from someone outside of the home for (NAME'S) diarrhea?

Yes		1
No		2 → skip to Q.62

59. Where did you go first for advice or treatment?

Health facility		
Hospital		01
DAC		02
FAP		03
Health center		04
Other health facility.....		05
(Specify).		

Name of place.....

Other source		
Traditional practitioner		06
Shop		07

Pharmacy	08
Community mobilisers	09
Friend/relative	10
Other (specify) _____	88

60. Who decided that you should go there for (NAME'S) illness?

Record all mentioned.

Respondent	A
Husband/partner	B
Respondent's mother	C
Mother-in-law	D
Friends/neighbors	E
Other (Specify) _____	X

61. Where did you go next for advice or treatment?

Health facility	
Hospital	01
DAC	02
FAP	03
Health center	04
Other health facility (specify) _____	05
Nowhere	06

Name of place:.....

Other source	
Traditional practitioner	08
Shop	09
Pharmacy	10
Community mobilisers	11
Friend/relative	12
Other (specify) _____	88

62. During the period when (NAME) was recovering from diarrhea, did you give him/her less than usual to drink, about the same amount, or more than usual to drink?

Less	1
Same	2
More	3
Nothing to drink	4
Don't know	8

63. Have you heard of ORS?

Yes	1
No	2

CHILD SPACING

64. How many children living in this household are under five years of age?

One child	1
Two children	2
Three or more	3

65. How many of those children are your biological children?

One child	1 →
-----------	-----

skip to Q.67

Two children 2
 Three or more 3

66. What is the sex and date of birth of your two youngest children?

Child #1 sex Male 1 Female 2

Date of birth

Day.....

Month.....

Year.....

Child #2 sex Male 1 Female 2

Date of birth

Day.....

Month.....

Year.....

67 .Do you know of a place where you could obtain a method of child spacing/family planning?

If "no", circle "Z" ("don't know"). If "yes", ask "Where is that?" Record all mentioned.

Health facility

Hospital A

FAP B

Health Center C

DAC D

Family Planning Clinic E

Pharmacy F

Other health facility (specify)_____ G

Name of place.....

Other source

Shop H

Mosque I

Friend/Relative J

Community mobilisers K

Other (specify)_____ X

Don't know Z

68. Are you currently pregnant?

Yes 1 → skip to Q.72

No 2

Unsure 8

69.Do you want to have another child?

Yes 1

No 2 → skip to Q.71

Don't know 8 → skip to Q.71

70. When do you want to have your next child?

Within two years 1

More than two years from now 2

Unsure when 8

71. Are you currently doing something or using any method to delay or avoid getting pregnant?
 If "no", circle '01' (no method). If "yes", ask "what is the main method you or your husband / partner are using now to avoid/ postpone getting pregnant? Circle the appropriate response.

No method	01
Pill	02
IUD	03
Condom	04
Condom & spermicide	05
Condom & withdrawal & calendar	06
Foam/jelly/cream	07
Female sterilization	08
Emergency hormone contraception	09
Injections/DepoProvera	10
Other modern methods	11
Calendar	12
Withdrawal	13
Withdrawal & calendar	14
Other traditional methods	15
Cycle Beads	16
Not sure	88

POSTPARTUM CARE

72. After (NAME) was born, did anyone check on your health?

YES	1
NO	2 → skip to Q. 77

73. How many days or weeks after the delivery did the first check take place?

Record '00' days if the same day

Day after delivery _____	1
Week after delivery	2
Don't know	8

74. Who checked on your health at that time?

Probe for most qualified person

Health professional

Doctor	1
Nurse	2
Midwife	3
Feldsher	4

Other

TBA	5
Family members	6

(Specify)

Other (specify) _____	88
-----------------------	----

75. At the time, did the person checked on (NAME'S) health as well?

Yes	1
No	2

76. Did you have any other postpartum checks?

Yes	1
-----	---

No 2

HIV/AIDS

77. Have you ever heard of an illness called AIDS?

Yes 1

No 2

78. Is there anything a person can do to avoid getting AIDS or the virus that causes AIDS?

Yes 1

No 2

Don't know 8

79. What can a person do?

Don't read. Record all mentioned.

Abstain from sex A

Use condoms B

Limit sex to one partner/stay faithful to one partner C

Limit number of sexual partners D

Avoid sex with prostitutes E

Avoid sex with persons who have many partners F

Avoid sex with persons who inject drugs intravenously G

Avoid blood transfusions H

Avoid injections I

Avoid kissing J

Avoid mosquito bites K

Seek protection from traditional Healer L

Avoid sharing razors, blades M

Other (specify)_____ N

80. What's your current level of education?

0.Never went to school 1

1.School 1 2 3 4 5 6 7 8 9 10 11 2

2. College (Vocational School) 1 2 3 3

3.University 1 2 3 4 5+ 4

4.Post-graduate study 1 2 3 4 5+ 5

5.Don't know 8

81. When do you usually wash your hands with soap/ash?
- | | |
|---|---|
| Never | A |
| Before food preparation | B |
| Before feeding children | C |
| After defecation | D |
| After attending to a child
who has defecated | E |
| Other (specify) | X |