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# Nigeria Reproductive Health, Child Health, and Education Baseline Household Survey, 2005

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**MEASURE Evaluation**



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## Executive Summary

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This report presents findings from the 2005 Nigeria Reproductive Health, Child Health, and Education Baseline Household Survey. The survey serves as a baseline for the Community Participation for Action in the Social Sector Project (COMPASS) and for the U.S. Agency for International Development mission in Nigeria (USAID/Nigeria). It was implemented in 51 local government areas (LGA) in the states of Bauchi, Federal Capital Territory (FCT), Kano, Lagos, and Nasarawa where the COMPASS project is being implemented. The COMPASS project represents an integration of three previous USAID/Nigeria funded projects: VISION, BASICS, and LEAP. The purpose of COMPASS is to enhance reproductive health and family planning services, as well as to promote child survival and improved literacy. The core idea behind COMPASS is to integrate the health, child survival, and education sectors through the promotion of community coalitions.

From a representative sample of men and women in the COMPASS project target areas (51 LGAs in five states), the survey teams collected information on each respondent's background, reproductive history and preferences, contraception use, pregnancy, antenatal care, breastfeeding activities, knowledge of childhood illnesses, use of mosquito nets, awareness and use of childhood vaccinations, awareness and use of home-based management practices for the prevention of childhood disease, educational status of children living in the household, and health information for children under five years of age living in the household. The objective of this report is to present a set of indicators that are used by COMPASS and USAID/Nigeria for monitoring program performance. Data from the baseline household survey will be used to set program targets, as well as to measure changes in family planning, child survival, and education indicators resulting from COMPASS interventions. Further, the results of

the baseline survey may also be used to redirect efforts, modify programs, or increase levels of interventions in selected areas, based on the needs and awareness of populations in COMPASS project areas.

Chapter 1 of the report presents an overview of the demographic and health context in Nigeria, describes survey objectives and methods, and provides background information and characteristics of the sample. Chapter 2 addresses sexual initiation and childbearing patterns. Chapter 3 provides information on knowledge and use of modern family planning methods. Chapter 4 presents findings related to antenatal care and breastfeeding. Chapter 5 presents findings related to childhood illnesses, including vaccinations and home-based management of childhood disease. Chapter 6 addresses media habits and patterns of radio, television, and newspaper exposure. Chapter 7 describes primary school attendance, promotion, and retention rates of household children. Key findings of the baseline household survey are provided below. Findings from the baseline school and health facility surveys are presented in separate reports.

### Initiation of Sex and Childbearing

- Forty percent, 29%, 25%, 13% and 8% of females in Bauchi, Kano, Nasarawa, FCT, and Lagos, respectively, had sexual intercourse before the age of 15; over one-third of females with no formal education had sexual intercourse before the age of 15.
- One in three females in Bauchi had a first child before the age of 15, and about one in 10 men in Nasarawa fathered a first child before the age of 15.
- Men and women respondents with no formal education are more likely to have had sexual intercourse before the age of

15, and more likely to have had a first child before the age 15.

### **Knowledge and Use of Family Planning Methods**

- About half of respondents knew a modern method of family planning, and one-third knew two or more methods of family planning.
- The modern method of which the respondents were most aware was the oral contraceptive pill, followed by the male condom and injectables.
- About one in nine respondents were currently using a modern method of family planning.
- Over one-third of respondents approved of family planning, and over half have discussed family planning in the last 12 months.

### **Antenatal Care and Breastfeeding**

- Over one-third of mothers visited a clinic or hospital for antenatal care during their last pregnancy at least once, and three out of 10 visited a clinic or hospital at least four times during their last pregnancy.
- Five out of 10 women who received antenatal care (ANC) were counseled about the use of intermittent preventive treatment (IPT) for malaria, but only 9% actually received IPT with Fansidar at least once during their last pregnancy.
- Six out of 10 women who received ANC were given at least one dose of tetanus toxoid (TT), but only about half received two doses of TT during their last pregnancy.
- Only 22% of children under six months of age were exclusively breastfed over the last 24 hours.
- Approximately 33% of deliveries were attended by a trained provider.
- The median birth interval across all project areas was 24 months.

### **Knowledge of Childhood Illness**

- Over one-third of male and female respondents report awareness of using insecticide-treated bed nets (ITN) for the prevention of malaria.
- Less than 3% of children under five years of age slept under an ITN the night before the survey.
- Over half of mothers report awareness of Vitamin A supplements for children.
- Less than a quarter of children six to 59 months of age received a vitamin A supplement.
- Less than 12% of children 12-23 months of age were fully immunized before their first birthday.

### **Exposure to Mass Media**

- Seven out of 10 females and eight out of 10 males report listening to the radio at least once a week.
- One out of four males and less than one out of three females report reading a newspaper at least once a week.
- Six out of 10 males and females report watching television at least once a week.
- Less than 15% of females and 10% of males are exposed to no mass media.

### **School Attendance**

- Attendance rates for male versus female students are similar: 39% vs. 38%.
- The overall gender parity index is equal to 0.96.

### **Retention and Promotion**

- Repeater rates for all grades and both genders range from less than 3% to 10%.
- Drop-out rates for all grades and both genders range from 0% to less than 2%.
- Survival rate of primary school pupils, as they move from one grade level to the next, was high: greater than 98% for primary grades 2-4 and around 97% for primary grades 5-6.

# Chapter 1. Introduction

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## The Nigerian Demographic and Health Context

Situated in between 4°16' and 13°53' north latitude and between 2°40' and 14°41' east longitude, Nigeria is Africa's fourth largest country. With an estimated population of 129 million (World Bank Group, n.d.), it is the most populous country in Africa. Although the population of Nigeria is predominantly rural, an estimated one-third reside in urban areas, with substantial variation in the percentage of urban residence among the states. The state of Lagos is the most urbanized (94%) and the state of Jigawa the least urbanized (7%). Large portions of the Chad basin, the Niger River valley, the grass plains, and the Niger River delta are sparsely populated, while some rural areas report population densities in excess of 400 persons per square kilometer (NPC & ORC Macro, 2004).

Like many sub-Saharan Africa countries, Nigeria's health and education needs are substantial. In 2003, life expectancy at birth was estimated at 45 years (WHO, 2005). The child mortality rate (probability of dying before the age of five) was estimated at 197 deaths per 1,000 for girls and 200 deaths per 1,000 for boys. The total fertility rate (TFR) was high, at 5.6 children per woman (World Bank Group, n.d.). In 2002, over 25% of teenagers had begun childbearing. Although the literacy rate is high in Nigeria, over 40% of women have no formal education (NPC & ORC Macro, 2004).

## Reproductive and Child Health in Nigeria

Child and reproductive health is of increasing concern for the government of Nigeria. By the end of 2004, between 3.2 million and 3.6 million Nigerians were infected with HIV (UNAIDS & WHO, 2005). The projected annual deaths as a result of HIV/AIDS has increased from 50,000 in 1999 to over 350,000 in 2004 (NPC & ORC Macro, 2004) at enormous cost to the economic

and health sectors in the country. As a result, the Nigerian government has expressed renewed interest in reviewing the national HIV/AIDS policy. Only 23% of women and 47% of men reported using a condom at last high-risk sexual encounter (NPC & ORC Macro, 2004). Levels of maternal mortality are high, reaching an estimated 800 deaths per 100,000 live births (WHO, 2005).

The Nigerian government, with assistance from the World Bank, is working to improve the deteriorated delivery of basic health care services, and building institutional capacities to pave the way for sustained development of the country's health care system. As well, the Nigerian government has established the National Action Committee on AIDS (NACA), and HIV/AIDS prevention interventions are targeting high-risk populations, such as commercial sex workers and transportation workers. The United Kingdom's Department for International Development is funding a project called Promoting Sexual and Reproductive Health for HIV/AIDS Reduction (PSRHH). PSRHH is a seven-year program implemented by the Society for Family Health (SFH), a local affiliate of Population Services International (PSI). The U.S. Agency for International Development (USAID) is supporting interventions aimed at integrating HIV/AIDS prevention, family planning, and maternal and child health activities into a more strategically targeted program. USAID/Nigeria seeks to increase the use and availability of high quality family planning services, as well as increase demand for and use of condoms, through behavior change and communication activities. One of the mechanisms through which USAID/Nigeria seeks to improve education, child health, and reproductive health is through the COMPASS project, an integrated health and education program launched in 2004 in five Nigerian states: Bauchi, FCT, Kano, Lagos, and Nasarawa.

The reach and impact of COMPASS will be evaluated using a household survey on reproductive health, child health, and education; a health facility survey; and a school survey. This report describes the results of the 2005 baseline reproductive health, child health, and education household survey.

## **COMPASS and MEASURE Evaluation's Role**

In 2004, USAID/Nigeria awarded Pathfinder International and its partners a five-year contract to assist USAID in developing a strategic framework for integrating and developing child and reproductive health and education programs in Nigeria. Collaborating partners under COMPASS include Johns Hopkins University/Center for Communication Programs (JHU/CCP), Creative Associates International (CAI), Constella Futures (formerly The Futures Group), Adolescent Health and Information Project (AHIP), Federation of Muslim Women's Associations of Nigeria (FOMWAN), Nigeria Medical Association (NMA), Management Sciences for Health (MSH), and the Civil Society Action Coalition on Education For All (CSACEFA).

COMPASS aims to improve access to health and education within the five Nigerian states, affecting 18 million people. The project targets 51 LGAs within the states (see Table 1.1 for a list of populations, enumeration areas, and sample sizes by state). The states vary widely in both sociodemographics and socioeconomics, reflecting disparities in wealth, health, and education between the northern and southern sections of the country. The five states in which the COMPASS project operates differ from each other not only in terms of languages spoken, ethnic groups, and religion, but also in terms of access to and availability of health and education services. The current timeline for project implementation is from May 2004 through May 2009.

The COMPASS project aims to contribute to USAID/Nigeria's strategic objective for improved

social sector services (SO13). Specifically, the project aims to contribute to each of USAID's SO13 indicators:

- increased DPT3 coverage
- increased contraceptive prevalence rate (CPR);
- increased birth spacing
- increased student retention

To that effect, the project objectives include:

- improving the quality of health and education services (IR13.1)
- improving local communities' ability to participate effectively in policy dialogue on health and education (IR13.2)
- increasing demand for quality health and education services (IR13.3)
- increasing access to both health and education facilities (IR13.4)

MEASURE Evaluation at Tulane University is the external evaluator for the COMPASS project. MEASURE Evaluation, in consultation with COMPASS and USAID/Nigeria, developed a household survey, an education survey, and a facility survey. After conducting a competitive bidding process according to USAID/Nigeria requirements, MEASURE Evaluation contracted the Center for Research, Evaluation, and Resource Development (CRERD), a local research organization based in Ile-Ife and affiliated with Obafemi Awolowo University (OAU), Nigeria, to implement the household and facility surveys, as well as the school surveys, in the 51 LGAs where COMPASS operates. Results from the household survey are reported here. Results from the household survey provide data for constructing indicators at the individual level (e.g., indicators related to information on individual knowledge of and demand for health and education issues and services). Results from the school survey provide information in the quality and types of educational services offered. Results of the health facility survey provide information necessary

to measure indicators related to access, types of services offered, and quality of services at the facility or service delivery point (SDP) level (e.g., contraceptive availability).

## Survey Objectives

Specific objectives of the baseline household survey are to:

- collect quantitative data on child and reproductive health indicators among a representative sample of adults in 51 LGAs in Bauchi, FCT, Kano, Lagos, and Nasarawa states;
- obtain data that will be used as a baseline against which to measure changes in child health, reproductive health, and education indicators resulting from the COMPASS project's interventions; and
- provide data for the refinement of strategies and target populations for COMPASS project activities, as well as for other child health, reproductive health, and education programs in the region.

## Survey Methods

CRERD, in consultation with MEASURE Evaluation, was responsible for sampling design, data collection (including recruiting and training of the field survey teams), data entry, and data cleaning. MEASURE Evaluation was responsible for all aspects of the baseline survey work, including the development of the questionnaires, assisting with training of the supervisors and survey teams, conducting data analysis, and producing the survey reports.

The reach and impact of the COMPASS project will be assessed using three waves of cross-sectional surveys in the project target areas. Three different types of surveys will be conducted:

- a large-scale household survey related to reproductive health, child health, and primary school education, among a representative sample of women aged 15-49 years and men aged 15-64;
- a survey of primary health care facilities (comprehensive health care centers, public and primary health care centers, health



**Table 1.1.** Population, Number of Enumeration Areas, and Proposed and Actual Sample Sizes, by State

	Bauchi	FCT	Kano	Lagos	Nasarawa	Total
State population	1,355,181	371,674	2,476,911	4,388,647	498,682	9,091,095
Number of EAs sampled	26	26	52	52	26	182
Proposed sample size	650	650	1,300	1,300	650	4,550
Actual sample size	650	644	1,303	1,296	650	4,543
Male respondent	363	355	661	638	380	2,407
Female respondent	287	279	642	658	270	2,136
Mothers (any child)	232	201	520	503	207	1,663
Mothers (child < 5 years)	138	116	205	216	109	784
Children 6-14 years	905	684	1,809	846	1,003	5,246
Children 6-11 years	664	459	1,298	565	722	3,688
Children 0-59 months	188	149	298	299	150	1,084
Children 6-59 months	177	134	264	254	133	962
Children 12-59 months	150	114	216	220	104	804
Children 0-23 months	69	70	159	141	73	512
Children 12-23 months	31	34	75	61	27	228
Children 0-5 months	11	16	36	46	17	126

clinics, private health center/maternity, private clinics, uniformed services clinics, health posts, and dispensaries) and patent medicine vendors (PMV); and

- a survey of primary schools (public and private), including both teachers and headmasters.

The baseline data for each of the three survey types were collected in 2005; subsequent survey waves are scheduled for 2007 and 2009. The objective of the 2005 baseline surveys was to collect quantitative data on reproductive health, child survival and primary school education indicators among a representative sample of respondents, facilities, and schools in the target areas (the 51 LGAs, listed in Appendix A). Education and demographic information about all children residing in the selected houses were obtained from the respondents. Information about child health was collected about children who were either the last birth or second to last birth, and who were aged up to 59 months. Because the project is likely to have spillover effects in non-intervention LGAs (which, would be a desirable outcome), it is not possible to include control groups in the study design.

### Sample Design and Size

Sample size calculations were conducted and compared using regional estimates of five indicators: contraceptive prevalence; modern contraceptive prevalence; and DPT1, DPT2, and DPT3 rates. The results indicated a sample size of 80 respondents per LGA would allow detection of changes of 25 percentage points at the LGA level with 90% power and 95% confidence (and much more accurate estimates at the state level). Given that there are 51 project LGAs, the target sample size was 4,080. Allowing for 10% non-response, the sample size was increased to 4,500. The sample size for children was a function of the number of children living in the selected house, and meeting specific age criteria (Table 1.1). Since the facility and school surveys are linked surveys, they do not have a predetermined sample size. The sample

size for these surveys depends on the number of facilities and schools used by the respondents in the household survey.

A multi-stage stratified sampling strategy was used for the household survey. Assuming 25 interviews per enumeration area (EA), 182 EAs were needed to achieve the target sample size for the household survey. Because the number of intervention LGAs varies by state, allocating the EAs proportional to population size would not be appropriate, as this would result in very small sample size for some of the states. Hence, 52 EAs were selected in Kano and Lagos, while 26 were selected in each of the other states. Within each state, EAs were selected proportional to the population size of the respective LGAs. Within each LGA, the required number of enumeration areas was selected using a table of random numbers. Within each selected EA, 25 households were selected using systematic random sampling. Because the EAs were not selected proportional to the population size of the respective COMPASS project LGAs in each state, standardized state-level weights were applied to all between-state estimates. Weights were based on the proportion of the population in the COMPASS LGAs in each state (relative to the total population across all COMPASS LGAs in all five states) and the proportion of houses sampled in COMPASS LGAs in each state (relative to the total number of sampled houses across all COMASS LGAs in all states). The total estimates across all states in the tables of chapters 2 through 7 reflect weighted totals.

The health facility and school surveys are linked to the household survey. The facility survey includes all public and private primary health care facilities serving the population interviewed in the household survey. The school survey sample includes all primary schools (public and private) that serve the families of those interviewed in the household survey. Hence, the facility and school surveys may include some facilities or schools that are located outside the enumeration areas selected

for the household survey. By linking the facility and school surveys to the household survey, it will be possible to assess the effect of improvements in health services and education on individual health outcomes.

## Questionnaire Development

MEASURE Evaluation, in consultation with all USAID and COMPASS collaborating partners, developed the questionnaire (Appendix C). The individual household questionnaire was adapted from the standard Demographic and Health Survey (DHS) instrument, and included sections on reproduction, contraception, pregnancy, antenatal care, media exposure, marriage and sexual activity, fertility preferences, partner's background, childhood illness and immunization coverage, and primary school attendance. COMPASS, MEASURE Evaluation, and CRED participated in the drafting of the questionnaires. The questionnaire was translated into the three major local languages of the five states (Hausa, Igbo, and Yoruba), then back-translated into English. The questionnaire was interviewer-administered. Geographic coordinates were collected at the enumeration area level using the Garmin eTrex® hand-held navigational unit and downloaded using GPS Utility.

## Training of Field Survey Teams

Field staff training was conducted in two stages. First, supervisors received a four-day centralized training at OAU. Subsequent three-day regional trainings of the field teams were held in each of the five states. Field survey teams were recruited from each state. CRED led all trainings. MEASURE Evaluation staff attended the training of supervisors and the first regional training of the Lagos data collection teams. Training consisted of a question-by-question review of the questionnaire, review of the sampling methodology, instruction in the use of the hand-held navigational units (e.g., Garmin eTrex®), role plays, and pretests of the questionnaire.

A total of 156 interviewers and 55 supervisors received training. Of these, 145 interviewers, balanced evenly between men and women, and 53 supervisors were retained for the household survey. All trainings were conducted in July and August, 2005. Appendix B lists the supervisors and data collectors.

## Data Collection

Data collection for the household survey began immediately at the completion of each regional training workshop. Fieldwork started in July 2005 and was completed by early September 2005.

## Limitations

As with all cross-sectional surveys, this survey was subject to response and recall biases. Self-reported data may reflect a perceived desirability of responses rather than actual knowledge or practices and may be affected by response bias. Responses to questions related to events in the past (such as ever trained in FP methods, number of sexual partners in the past 12 months, use of condoms in the past 12 months, for example) were subject to recall bias. A second limitation stems from the lack of a comparison group; because this project will most likely have spillover effects into neighboring areas, identifying a comparable control group was not possible. In addition, the total  $n$  for the number of partners does not total values at the bottom, due to missing information for some observations.

Because the survey sample is restricted to those 51 LGAs targeted by the COMPASS project, the results from this survey may not be representative of all health facilities in Bauchi, FCT, Lagos, Kano, Nasarawa, or other Nigerian states.

## Sample Characteristics

Table 1.2 reports on the background characteristics of survey respondents. A total of 2,136 respondents were female, and 2,407 of respondents were male. As can be seen from the table, 31% of the female

respondents are from Lagos and 30% from Kano. Among male respondents, 27% are from Lagos and 28% from Kano. A greater proportion of both women and men are from urban areas (65% and 60%, respectively) rather than rural areas. More than half (67%) of the women and men (59%) were under 34 years of age, and less than one-quarter were over the age of 39 (23% and 19%, respectively).

The majority of female respondents (69%) and male respondents (61%) were married or in union. A greater percentage of women reported having had at least one child than men (78% vs. 29%). Nigeria has a four-tiered educational system known as the 6-3-3-4 system. Primary education is in the first six years, followed by three years of junior secondary, three years of senior secondary, and four years of university or polytechnic education. Free education



**Table 1.2** Background Characteristics of Household Survey Respondents, by Gender

Characteristics	Females	Males
<b>LGAs in:</b>	<b>%</b>	<b>%</b>
Bauchi	13.4	15.1
FCT	13.1	15.2
Kano	30.1	27.5
Lagos	30.8	26.5
Nasarawa	12.6	15.8
<b>Residence</b>		
Urban	65.2	60.4
Semi-urban	6.2	7.1
Rural	28.6	32.5
<b>Age</b>		
15-19	15.6	14.6
20-24	17.2	12.5
25-29	20.3	17.8
30-34	13.5	14.5
35-39	10.5	10.4
40-44	8.4	8.9
45-49	14.4	9.6
> 50	0.0	11.7
<b>Marital Status</b>		
Married	53.5	48.9
In union/living with partner	15.9	12.5
Not married or in union	30.6	38.6
<b>Ever had a child</b>	78.2	29.4
<b>Education</b>		
No formal schooling	34.7	27.1
Primary	18.7	20.9
Secondary or higher	46.6	52.1
<b>Religion</b>		
Christian	42.1	39.4
Muslim	54.5	56.3
Other	3.4	4.4
<b>Number of cases</b>	2,136	2,407
	(100%)	(100%)

is compulsory up to the junior secondary school level (NPC, 2000). Among survey respondents, 35% of women had no formal schooling, while one-quarter (27%) of men reported the same. Over half (52%) of all male respondents and nearly half of all female respondents (46%) reported having at least secondary education.

Among female respondents, slightly less than half (42%) were Christian, and 55% were Muslim. Slightly more than 3% of female respondents reported a different faith. Approximately half of all male respondents (56%) were Muslim and the other half either Christian (39%) or of a different faith (4%).



## Chapter 2. Initiation of Sex and Child Bearing

This chapter describes the initiation of sexual activity and childbearing. In many cultures, the initiation of sex at an early age is often considered undesirable, as it increases the potential risk of pregnancy and sexually transmitted infections (STI). Early childbearing is also considered undesirable in many cultures, as it can increase the risk of pregnancy complications, which can lead to permanent infertility or malformation of the child during delivery.

### Age at First Intercourse

Table 2.1 shows the percent of respondents 16 years of age and older who had sexual intercourse by the age of 15. In general, women engaged in sexual intercourse at an earlier age than men: 19% of women engaged in sexual activity before the age of 15, compared to 16% of male respondents. Among both women and men, there is considerable

**Table 2.1** Percentage of Sexually Experienced Respondents Who Had First Sex by Age 15, by Gender\*

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	42.3	265	13.9	332
FCT	12.4	267	15.1	350
Kano	28.9	598	21.9	630
Lagos	8.0	628	12.4	607
Nasarawa	24.8	254	22.0	363
<b>Residence</b>				
Urban	11.0	1,075	14.2	1,103
Semi-urban	13.2	177	15.5	201
Rural	39.4	760	19.3	978
<b>Age</b>				
16-19	29.0	226	33.7	223
20-24	21.5	371	22.6	293
25-29	15.5	430	18.5	409
30-34	20.1	295	14.6	350
35-39	16.8	225	12.0	273
40-44	14.9	176	7.0	220
45-49	18.3	289	10.1	238
> 50	0.0	0	7.6	276
<b>Marital status</b>				
Married	23.5	1,128	12.3	1,171
In union	21.6	316	9.9	317
Not married or in union	9.9	568	22.7	794
<b>Education</b>				
No formal schooling	35.4	751	18.8	658
Primary	19.5	418	13.4	502
Secondary or higher	7.7	843	15.5	1,122
<b>Religion</b>				
Christian	10.5	837	13.6	909
Muslim	26.1	1,110	17.6	1,271
Other	16.4	65	16.5	102
<b>Total</b>	<b>19.2</b>	<b>2,012</b>	<b>15.9</b>	<b>2,282</b>

\*Among respondents 16 years of age or older.

variation in the timing of sexual initiation. The percentage of women who engaged in sexual intercourse early is significantly higher in Bauchi and rural areas, as well as among the uneducated, Muslims, and the younger age cohorts. In Bauchi, 42% of female respondents report having had sex by age 15, as compared to 29% in Kano, 25% in Nasarawa, 12% in FCT, and 8% in Lagos. In rural areas, 39% of female respondents report having had sex by age 15, as compared to 13% in semi-urban areas and 11% in urban areas. Uneducated women were also more likely to report having had sex by age 15 (35%), as compared to those with a primary school education (19%) and those with secondary school education or higher (8%). Muslim women also reported sex at an early age: 26% of Muslim women reported having had sex by age 15, as compared to 11% of Christian women and 16% of women from other faiths.

The pattern of early sexual activity among male respondents was slightly less varied than that of women. For example, only 14% of male respondents from Bauchi report having had sexual intercourse by the age of 15, as compared to 22% in both Nasarawa and Kano, and 15% in FCT and 12% in Lagos. Although rural men were also more likely to have reported early sexual initiation, the difference between rural and urban respondents was less stark: 19% of rural men, as compared to 14% of urban males and 15% of semi-urban males. Much greater variations were observed in terms of the ages of the respective male respondents, with over 33% of men ages 16-19 reporting having had sex by the age of 15, compared to 23% of men ages 20-24 and 19% of men ages 25-29. Although this could be the result of recall bias, the data suggest that older generations engaged in sexual intercourse at a later age. Male respondents with no formal education were also more likely to have engaged in sexual intercourse at an earlier age than those with primary school or higher education levels: 19% of those with no formal education, as compared to 13% of those with a primary school education, and 16% of those with a secondary school education

or higher. Male Muslims were slightly more likely to have engaged in sexual intercourse by the age of 15 (18%) than male respondents reporting Christian (14%) or other faiths (17%). One other noteworthy observation is that with respect to the marriage characteristic, with males reporting to be not married or in union being considerably more likely to report having had sexual intercourse by the age of 15 than those either in union or married: 23% of non-married or in union males, as compared to 12% of married males and only 10% of males in union.

Table 2.2 reports on the percentage of respondents 19 and older who engaged in sexual intercourse by the age of 18. In general, the patterns were similar to those observed in the previous table, with a higher percentage of women reporting having had sexual intercourse by the age of 18 (41%), as compared to men (32%). Sixty-one percent of the female respondents in Bauchi reportedly engaged in sexual intercourse by age 18, as compared to 24% of male respondents in Bauchi. Approximately 31% of both male and female respondents in the FCT and in Lagos reported having had sex by age 18. Fifty-two percent of female respondents in Kano reported sexual activity by age 18, as compared to 33% of males in Kano. Similar percentages were observed in Nasarawa for both female (52%) and male (49%) respondents. Fifty-eight percent of female respondents reporting residence in rural areas had sex by age 18, as compared to 34% of urban female respondents and 36% of semi-urban respondents. The difference between rural, urban, and semi-urban male respondents was much less pronounced: 35% of rural males, 33% of semi-urban males, and 30% of urban males reported to have had sex by age 18. As in the previous table, the youngest age cohort (respondents 19 years old) reported the highest percentages of both male and female respondents reporting to have had sex by age 18: 61% of both males and females. In terms of education, female respondents with no formal education reported higher percentages reporting sexual activity by the age of 18 (55%) than those

**Table 2.2.** Percentage of Sexually Experienced Respondents Who Had First Sex by Age 18, by Gender\*

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	61.4	223	23.6	288
FCT	31.3	246	31.8	324
Kano	51.5	540	33.3	570
Lagos	30.6	598	30.7	573
Nasarawa	52.2	228	49.3	339
<b>Residence</b>				
Urban	34.6	1005	29.6	1,030
Semi-urban	36.5	167	33.2	190
Rural	58.3	663	35.3	874
<b>Age</b>				
19	60.7	49	60.9	35
20-24	52.5	371	46.7	293
25-29	38.0	430	37.2	409
30-34	38.1	295	32.8	350
35-39	34.1	225	27.2	273
40-44	37.8	176	20.5	220
45-49	37.4	289	27.5	238
> 50	0.0	0	17.3	276
<b>Marital status</b>				
Married	45.6	1,070	28.4	1,139
In union	42.9	302	28.2	302
Not married or in union	30.0	463	37.9	653
<b>Education</b>				
No formal schooling	54.5	681	31.9	609
Primary	45.5	389	30.6	460
Secondary or higher	29.4	765	31.9	1,025
<b>Religion</b>				
Christian	31.1	766	32.4	835
Muslim	49.3	1,013	30.2	1,165
Other	28.6	56	43.8	94
Total	41.0	1,835	31.6	2,094

\*Among respondents 19 years of age or older.



with primary (45%) or secondary (29%) level educations. The pattern was less clear for male respondents: 32% for those with no formal education, 31% for those with primary school level education, and 32% for those with secondary or higher levels of education.

### Age at First Birth

Table 2.3 reports the percent of respondents who had first birth by the age of 15, among respondents 16 and older. Overall, these numbers were low: 10% of female respondents and 4% of male respondents. Female respondents from Bauchi and rural areas, and those with no formal education

reported the highest percentages of first births by age 15: 33% of females from Bauchi, 25% of those residing in rural areas, and 21% of those with no formal education. The 25% of females from rural areas reporting first birth by age 15 compares with 4% among urban female respondents and 5% of semi-urban respondents. Female respondents with no formal education reported higher percentages than those with primary or secondary education levels: 21% of those with no formal education,

8% of those with primary school level education, and 3% of those with secondary or higher levels of education.

The patterns for male respondents were much less pronounced. Twelve percent of male respondents from Nasarawa reported fathering a first birth by age 15, as compared to 3% of those from Bauchi, 2% of those from the FCT, 7% of those from Kano, and 2% of those from Lagos. Rural and semi-

**Table 2.3** Percentage of Sexually Experienced Respondents Who Had First Birth by Age 15, by Gender\*

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	32.8	265	3.0	332
FCT	7.1	267	2.3	350
Kano	14.7	598	7.1	630
Lagos	1.8	628	1.5	607
Nasarawa	9.1	254	11.9	363
<b>Residence</b>				
Urban	3.8	1,075	2.5	1,103
Semi-urban	4.6	177	6.7	201
Rural	25.6	760	6.1	978
<b>Age</b>				
16-19	16.7	226	5.1	223
20-24	11.1	371	2.8	293
25-29	7.3	430	4.1	409
30-34	11.4	295	4.3	350
35-39	9.2	225	5.5	273
40-44	6.7	176	2.8	220
45-49	8.8	289	3.1	238
> 50	0.0	0	3.7	276
<b>Marital status</b>				
Married	13.0	1,128	4.1	1,171
In union	12.9	316	3.8	317
Not married or in union	2.8	568	3.8	794
<b>Education</b>				
No formal schooling	21.4	751	5.2	658
Primary	8.1	418	3.4	502
Secondary or higher	2.6	843	3.5	1,122
<b>Religion</b>				
Christian	2.9	837	2.6	909
Muslim	15.5	1,110	4.8	1,271
Other	8.9	65	5.5	102
Total	10.0	2,012	3.9	2,282

\*Among respondents 16 years of age or older.

urban males report similar numbers (6%), while 3% of those from urban areas reported a first birth by age 15. There was little difference between the percentages of male respondents in the respective education categories: 5% of those with no formal education, 4% of those with primary school level education, and 4% of those with secondary or higher levels of education reported having fathered a first birth by age 15.

Overall, 21% of female respondents 19 years of age and older and 8% of male respondents aged 19 and older had a first birth by age 18 (Table 2.4). Female respondents from Bauchi, rural areas, the youngest age cohort, as well as those that report being Muslim, and those that have no formal education had the highest percentage of respondents reporting a first birth by age 18. In Bauchi, 53% of the female respondents reported a first birth by the age of 18, compared to 33% in Kano, 28% in

**Table 2.4** Percentage of Sexually Experienced Respondents Who Had First Birth by Age 18, by Gender\*

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	53.4	223	8.7	288
FCT	15.0	246	7.7	324
Kano	33.3	540	10.4	570
Lagos	7.0	598	5.1	573
Nasarawa	27.6	228	23.9	339
<b>Residence</b>				
Urban	13.1	1005	5.5	1,030
Semi-urban	15.9	167	10.0	190
Rural	42.2	663	13.7	874
<b>Age</b>				
19	41.3	49	8.6	35
20-24	29.6	371	6.5	293
25-29	19.2	430	6.9	409
30-34	18.3	295	8.0	350
35-39	17.7	225	11.5	273
40-44	19.3	176	6.3	220
45-49	15.4	289	11.5	238
> 50	0.0	0	8.8	276
<b>Marital status</b>				
Married	26.3	1,070	9.6	1,139
In union	22.8	302	9.9	302
Not married or in union	8.6	463	5.9	653
<b>Education</b>				
No formal schooling	39.3	681	10.7	609
Primary	22.4	389	8.4	460
Secondary or higher	7.6	765	7.2	1,025
<b>Religion</b>				
Christian	8.5	766	7.3	835
Muslim	31.2	1,013	9.0	1,165
Other	9.1	56	10.0	94
Total	20.9	1,835	8.3	2,094

\*Among respondents 19 years of age or older.

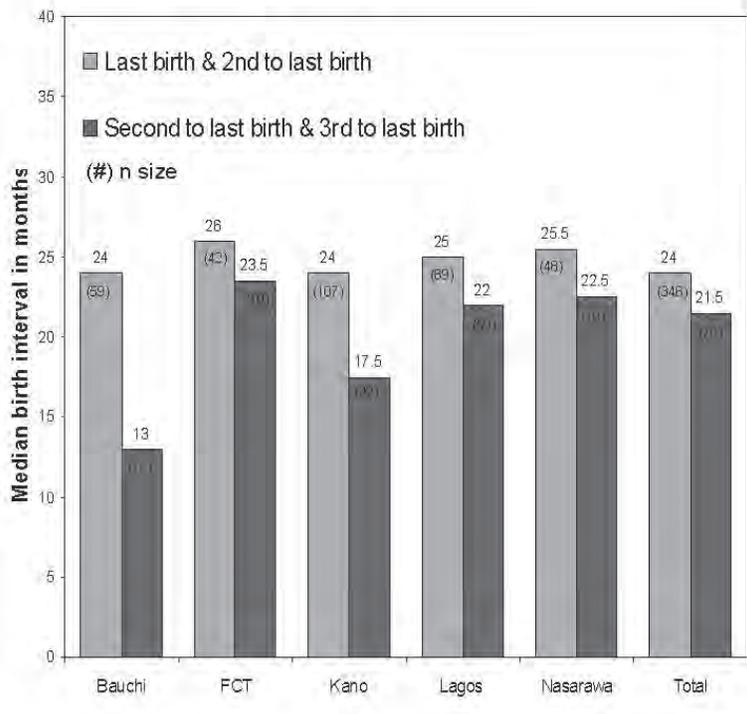
Nasarawa, 15% in FCT, and 7% in Lagos. Forty-two percent of the female respondents from rural areas report a first birth by age 18, compared to 16% in semi-urban areas, and 13% in urban areas. Female respondents age 19 and ages 20–24 reported the highest percentages of first births by age 18: 41% and 30% of women age 19 and ages 20–24, respectively. Thirty-nine percent of females with no formal education reported a first birth by age 18, compared to 22% of those with a primary school level education and 8% of those with a secondary school level education or higher. Muslim women also reported higher percentages of first births by age 18 (31%) as compared to Christian women (9%) and women from other faiths (9%).

In Nasarawa, 24% of male respondents reported fathering a first birth by age 18, as compared to 10% in Kano, 9% in Bauchi, 8% in FCT, and 5% of those from Lagos. Male respondents from rural areas reported higher percentages as compared to semi-urban and urban male respondents: 14% of those from rural areas, 10% of those from semi-

urban areas, and 6% of those from urban areas. No clear pattern in the percentage of male respondents reporting a first birth by age 18 among current age cohorts was observed. Similar percentages were observed among the education categories for males: 11% of those with no formal education, 8% of those with primary school level education, and 7% of those with secondary school or higher levels of education reported a first birth by age 18.

The median birth interval (in months) separating the last birth and second to last birth was similar in all states (Fig. 2.1). FCT respondents reported the highest birth interval (26 months) and Bauchi and Kano reported the lowest birth interval (24 months). The median birth interval across all states was 24 months. The median birth interval between second to last birth and third to last birth was 21.5 months across all states. Again, FCT reported the highest interval (23.5 months), and Bauchi (13 months) and Kano (17.5 months) reported the lowest.

**Figure 2.1** Median birth interval (in months) separating successive births, among women with two or more births.



## Chapter 3. Family Planning Methods

This chapter describes respondents' knowledge, awareness, and use of family planning methods. Understanding which subgroups are aware of specific family planning methods is an important precursor to proper use of modern family planning methods. Subgroups with insufficient knowledge of modern family planning, or the methods used to engage in family planning, can be targeted by appropriate information, education, and communication campaigns. In order to enable individuals to use modern family methods, knowledge of specific methods must first be increased.

### Knowledge of Specific Modern Family Planning Methods

Table 3.1 shows the percentage of respondents in COMPASS LGAs in each state with spontaneous awareness of specific family planning methods. In Bauchi, spontaneous awareness was highest for the oral contraceptive pill (25% of females and 21% of males). Sixteen percent of females in Bauchi report spontaneous awareness of male condoms,

while over 20% of males report awareness of male condoms. Additionally, 17% of females in Bauchi report awareness of injectables for family planning, compared to 11% of males. For females in Bauchi, very few report spontaneous awareness of female sterilization (1%), male sterilization (1%), diaphragm (1%), or foam/jelly (1%). Patterns were similar, albeit slightly higher, for males in Bauchi, with 3% of males reporting awareness of male sterilization or female sterilization, 2% reporting awareness of diaphragms, and 1% of males reporting awareness of foam/jelly as a modern means of family planning. In the FCT, spontaneous awareness was highest among females for the oral pill (39%), followed by male condoms (33%), injectables (29%), and the IUD (16%). Spontaneous awareness was lowest among females for male sterilization (7%) and foam/jelly (6%). Among males in FCT, spontaneous awareness was highest for male condoms (46%), followed by the oral pill (30%), and injectables (23%). Awareness was lowest for foam/jelly (2%) and diaphragm (4%) among males in FCT. In

**Table 3.1** Percentage of Respondents Who Report Spontaneous Awareness of Specific Family Planning Methods, by Gender and State\*

Any modern method	Bauchi (n = 650)		FCT (n = 644)		Kano (n = 1,303)		Lagos (n = 1,296)		Nasarawa (n = 650)	
	F	M	F	M	F	M	F	M	F	M
Female sterilization	1.1	3.0	8.6	7.4	10.3	10.6	14.4	16.0	14.4	13.4
Male sterilization	1.1	2.5	7.2	6.0	5.6	9.5	10.6	14.3	7.0	8.7
Pill	25.4	20.7	38.7	30.1	14.8	22.8	47.7	41.0	35.6	41.1
IUD	2.8	4.7	15.8	11.6	7.6	9.7	32.1	25.9	8.2	9.0
Injectables	16.7	10.7	28.7	22.5	14.6	19.4	33.1	28.8	36.7	36.3
Implants	1.4	3.0	10.0	5.2	3.9	5.8	12.9	9.3	4.1	5.5
Male condom	16.4	20.7	33.3	45.8	12.5	20.6	61.4	70.9	25.6	42.6
Female condom	3.8	2.2	10.4	10.4	4.7	8.5	18.1	16.3	9.3	10.5
Diaphragm	0.7	1.7	7.9	4.1	3.1	4.4	6.7	8.3	2.6	2.6
Foam/jelly	1.1	0.6	5.7	1.9	3.3	5.3	7.9	9.1	2.2	2.6
Total	32.1	28.7	50.5	55.6	24.9	32.2	76.6	80.6	50.7	60.8

\* Total refers to % that have heard of at least one method; F=female, M=male.

Kano, only 15% of female respondents reported awareness of either the oral pill or injectables, while only 13% reported awareness of male condoms. Awareness was lowest among females from Kano for foam/jelly (3%) and diaphragm (3%). Among males in Kano, 23% reported awareness of the oral pill, 21% reported awareness of the male condom, and 19% reported awareness of injectables. Only 4% of male respondents reported awareness of the diaphragm, and 5% reported awareness of foam/jelly as a contraception tool. Higher percentages were reported in Lagos, where 61% of females and 71% of males reported spontaneous awareness of male condoms, and over 40% reported awareness of the oral pill (48% of females and 41% of males). In Nasarawa, 36% of female respondents and 41% of male respondents reported awareness of the oral pill as a method of contraception, and 26% of females and 43% of males reported awareness of male condoms. As was the case in all states, the lowest percentage of awareness of specific methods of family planning was observed for foam/jelly (2% of females and 3% of males) and diaphragm (3% of females and 3% of males).

Table 3.2 reports on the percent of respondents who know at least one modern method of family planning, by socio-demographic and socioeconomic subgroups and by gender. Overall, 54% of female respondents and 57% of male respondents know at least one method of modern contraception. Thirty-two percent of females in Bauchi have heard of at least one modern family planning method, 51% of females in FCT have heard of at least one modern method of family planning, 25% of females in Kano have heard of at least one method of family planning, 77% of females in Lagos have heard of at least one method of family planning, and 51% of females in Nasarawa have heard of at least one modern method of family planning. Of the men sampled, 29% in Bauchi have heard of at least one modern method of family planning, 56% in FCT have heard of at least one method of family planning, 32% in Kano have heard of at least one modern

method of family planning, 81% in Lagos have heard of at least one method of family planning, and 61% in Nasarawa have heard of at least one modern method of family planning. For both males and females, urban residents report the highest awareness of at least one method of family planning when compared with semi-urban and rural respondents: 68% of female respondents and 73% of male respondents. Twenty-three percent of female respondents in rural areas report knowledge of at least one method of family planning, while 34% of male respondents report knowledge of at least one method. Education percentages also varied greatly for both male and female respondents, with 74% of females and males with secondary or higher education reporting knowledge of at least one method, as compared to 28% of females with no formal education and 27% of males with no formal education. Among females, 72% of Christians report knowledge of at least one method of family planning, compared to only 40% of female Muslims. Patterns were similar for males, with 77% of Christians reporting knowledge of at least one method, compared to 43% of male Muslims.

Table 3.3 shows the percentage of respondents who report spontaneous awareness of at least two modern methods of family planning. Overall the patterns were similar to that of Table 3.2, with similar values observed for both males and females (39% for both females and males). Among females, the highest percentages were observed among those from Lagos (55%), urban residents (50%), those with two or more partners during the past 12 months (56%), those with secondary or higher education levels (55%), and Christians (51%). The lowest values were observed among females from Kano (18%), rural residents (14%), and those with no formal education (19%). Similar patterns were observed among male respondents. The highest percentages were observed among men from Lagos (54%), urban residents (51%), those with secondary or higher levels of education (52%), and Christians (53%). The lowest percentage of

**Table 3.2** Percentage of Respondents Who Know at Least One Method of Modern Contraception, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	32.1	287	28.7	363
FCT	50.5	279	55.6	365
Kano	24.9	642	32.2	661
Lagos	76.6	658	80.6	638
Nasarawa	50.7	270	60.8	380
<b>Residence</b>				
Urban	67.5	1,126	73.2	1,153
Semi-urban	59.2	187	58.3	213
Rural	22.4	823	33.7	104
<b>Age</b>				
15-19	38.2	350	47.3	348
20-24	54.6	371	62.7	293
25-29	63.9	430	66.4	409
30-34	57.6	295	61.6	350
35-39	64.8	225	59.1	273
40-44	52.7	176	58.4	220
45-49	46.7	289	50.0	238
> 50	0.0	0	44.3	276
<b>Marital status</b>				
Married	51.9	1,186	53.2	1,222
In union	52.7	324	45.9	325
Not married or in union	58.8	626	65.0	860
<b>Ever have child</b>	53.8	1,663	48.2	777
<b>Number of partners in last 12 months</b>				
None (0)	45.9	236	66.3	218
1	53.5	1,634	56.3	1,645
2 or more	79.8	112	60.1	305
<b>Education</b>				
No formal schooling	28.2	818	26.5	713
Primary	52.6	440	52.5	530
Secondary or higher	74.0	878	74.3	1,164
<b>Religion</b>				
Christian	71.7	876	77.1	945
Muslim	40.4	1,178	43.0	1,344
Other	55.7	82	51.6	118
<b>Total</b>	<b>54.1</b>	<b>2,136</b>	<b>56.8</b>	<b>2,407</b>

**Table 3.3** Percentage of Respondents Who Know Two or More Methods of Contraception, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	24.0	287	19.0	363
FCT	40.1	279	35.9	365
Kano	17.5	642	24.5	661
Lagos	55.3	658	54.1	638
Nasarawa	40.0	270	42.9	380
<b>Residence</b>				
Urban	49.7	1,126	51.3	1,153
Semi-urban	47.3	187	34.3	213
Rural	13.9	823	22.7	104
<b>Age</b>				
15-19	24.1	350	27.6	348
20-24	35.7	371	38.1	293
25-29	47.7	430	44.4	409
30-34	44.6	295	44.0	350
35-39	44.5	225	42.9	273
40-44	45.7	176	46.1	220
45-49	35.9	289	36.9	238
> 50	0.0	0	32.1	276
<b>Marital status</b>				
Married	38.5	1,186	39.9	1,222
In union	43.4	324	32.9	325
Not married or in union	38.7	626	39.6	860
<b>Ever have child</b>	40.6	1,663	33.7	773
<b>Number of partners in last 12 months</b>				
None (0)	33.6	236	38.7	218
1	39.8	1,634	40.7	1,645
2 or more	55.6	112	40.3	305
<b>Education</b>				
No formal schooling	18.7	818	17.9	713
Primary	39.7	440	33.5	530
Secondary or higher	54.6	878	52.1	1,164
<b>Religion</b>				
Christian	51.0	876	53.1	945
Muslim	30.0	1,178	29.7	1,344
Other	43.8	82	29.8	118
<b>Total</b>	39.3	2,136	38.9	2,407

spontaneous awareness of two or more modern methods of family planning among male respondents was observed among those from Bauchi (19%), rural respondents (17%), and those with no formal education (18%).

### Current Use of Family Planning Methods

Table 3.4 reports on current use of specific family planning methods (by respondent or partner of respondent) within COMPASS project areas. Overall, current use of specific family planning methods was highest in FCT (10% of females and 15% of males) and Lagos (14% of females and 21% of males). The lowest values were observed in Kano (1% of females and 2% of males) and Bauchi (2% of females and 3% of males). The male condom was the most commonly method reported in all five states, followed by the oral pill. None of the respondents reported current use of foam/jelly, and only in Nasarawa did anyone report diaphragm use (0.4% of females in Nasarawa). The use of injectables was highest in Nasarawa for both males (3%) and females (4%), while the use of the IUD was highest in Lagos (approximately 1% for both males and females).

Table 3.5 shows the percentage of respondents reporting current use of modern family planning methods by subgroups and sociodemographic characteristics. Overall, 9% of females and 12% of males report current use of family planning methods. Among female respondents, use was highest among residents of Lagos (14%), urban areas (12%), women ages 30-39 (12%), women not married or in union (10%), women with two or more partners (24%), and those with secondary school education levels or higher (14%). The lowest values were observed among females from Kano (1%), rural residents (2%), women ages 15-19 (2%), and those with no formal education (2%). Although slightly higher, similar patterns were observed among male respondents. Current use was highest among residents of Lagos (21%), urban areas (17%), men ages 25-29 (18%), those not married or in union (17%), those with two or more partners (26%), those with secondary education levels or higher (19%), and Christians (18%). Values were lowest among male respondents from Kano (2%), rural areas (5%), and those with no formal education (3%).

**Table 3.4** Percentage of Respondents Who Report Current Use of Specific Family Planning Methods, by Gender and State\*

Any modern method	Bauchi (n = 628)		FCT (n = 626)		Kano (n = 1,265)		Lagos (n = 1,270)		Nasarawa (n = 636)	
	F	M	F	M	F	M	F	M	F	M
Female sterilization	0.0	0.0	0.0	0.0	0.3	0.0	1.1	0.0	1.2	0.0
Male sterilization	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.4	0.0	1.6
Pill	0.4	0.6	3.5	2.0	0.2	0.2	3.5	1.4	0.8	2.1
IUD	0.0	0.0	0.8	0.3	0.0	0.2	1.3	0.5	0.0	0.0
Injection	1.1	0.0	1.5	1.6	0.5	0.2	0.8	1.3	3.5	3.4
Implants	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Male condom	0.8	1.9	5.0	11.2	0.5	1.1	8.5	16.5	3.1	5.0
Female condom	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0
Diaphragm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
Foam/Jelly	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	2.3	2.8	10.0	15.3	1.2	1.5	14.1	20.9	7.8	12.1

\* Among respondents not pregnant at time of survey.

**Table 3.5** Percentage of Respondents Who Currently Use any Method of Modern Contraception, by Gender\*

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	2.3	265	2.8	363
FCT	10.0	261	15.3	365
Kano	1.2	604	1.5	661
Lagos	14.1	632	20.9	638
Nasarawa	7.8	256	12.1	380
<b>Residence</b>				
Urban	11.5	1,075	16.5	1,153
Semi-urban	7.2	176	14.9	213
Rural	1.8	767	5.1	104
<b>Age</b>				
15-19	1.5	337	7.1	348
20-24	8.4	338	13.3	293
25-29	10.7	395	18.0	409
30-34	11.9	276	11.7	350
35-39	12.4	216	12.4	273
40-44	8.5	172	15.9	220
45-49	7.4	284	8.5	238
> 50	0.0	0	6.9	276
<b>Marital status</b>				
Married	7.5	1,103	9.0	1,222
In union	9.1	296	7.4	325
Not married or in union	10.0	619	17.1	860
<b>Ever have a child</b>	9.2	1,575	10.3	773
<b>Number of partners in last 12 months</b>				
None (0)	6.5	235	13.6	218
1	8.6	1,528	10.0	1,645
2 or more	23.5	102	26.3	305
<b>Education</b>				
No formal schooling	2.2	769	3.3	713
Primary	7.5	410	6.6	530
Secondary or higher	13.6	839	18.6	1,164
<b>Religion</b>				
Christian	13.5	836	18.1	945
Muslim	4.2	1,100	7.9	1,344
Other	15.2	82	8.4	118
Total	8.5	2,018	11.9	2,407

\* Among respondents not pregnant at time of survey.

## Approval and Discussion of Family Planning Methods

Table 3.6 shows the percentage of respondents who approve of family planning methods. Fewer than 40% (38% of women and 38% of men) approved of family planning at the time of the interview. Among married respondents, approximately one-third of both women and men (36% and 33%, respectively) approved of family planning. Those living in Kano and those with no formal education were the least likely to approve of family planning. In Kano, only 9% of women and 13% of men reported approval of family planning, compared to 57% of women and 59% of men in Lagos. Only 16% of women with no formal education approved of family planning, compared to over 53% of women with secondary school or higher levels of education. Among men with no formal education, only 14% approved of family planning at the time of the survey, compared to over 54% of men with secondary school or higher levels of education. Among females, 16% of rural residents report approval, compared to 49% of urban residents and 36% of semi-urban residents. Over 57% of female Christians reported approval of family planning. In contrast, only 24% of Muslim women and 25% of women from other faiths reported approval of family planning. Among men, rural residents report approval rates around 21%, while males in urban areas report approval rates in excess of 50%. Thirty-eight percent of men residing in semi-urban areas reportedly approve of family planning. Over 58% of Christian men report approval of family planning, compared to 23% of Muslim men and 37% of men from other faiths.

Table 3.7 shows the percent of males and females who have discussed family planning in the last 12 months. Greater than 50% of both males and females (50% and 55%, respectively) report discussing family planning methods in last 12 months. Among females, 67% of Lagos respondents, 63% of FCT respondents, 51% of Nasarawa respondents, 29% of Bauchi respondents, and 28% of Kano respondents report having had a family planning discussion in

last 12 months. Over 61% of female respondents in urban areas report family planning discussions, compared to 25% in rural areas and 49% in semi-urban areas. Among females ages 15-19, 63% report having had family planning discussion in last 12 months, compared to approximately 50% for all other age cohorts. One hundred percent of female respondents not married or in union report discussing family planning, compared to only 27% of married female respondents. Females with secondary school or higher levels of education report higher rates of discussion than those with no formal education or only primary school level education: 70%, 26%, and 48%, respectively. Over 67% of female Christians and 68% of females of other faiths report having had a family planning discussion, compared to 36% of female Muslims.

Similar patterns were observed among male respondents. Rates of discussion were highest in Lagos (70%) and FCT (60%) and lowest in Kano (38%) and Bauchi (41%). Urban males were also more likely to have discussed family planning methods in last 12 months (66%) than male respondents reporting residence in rural areas (38%) or semi-urban areas (55%). Approximately 75% of males ages 15-24 report having had a discussion on family planning, compared to 65% of males ages 25-29, 48% of males ages 30-34, and less than 50% for all other age groups. As with the female respondents, 100% of males not married or in-union report having had a discussion family planning in last 12 months. Twenty-six percent of married men reported discussing family planning, and 29% of men in-union reported family planning discussion in last 12 months. Over 68% of men with secondary school or higher levels of education report having had a family planning discussion, compared to only 34% of men with no formal education and 48% of men with some primary school education. Over 67% of Christian men and 63% of men from other faiths report having had a family planning discussion, while only 45% of Muslim men report having had discussions about family planning in last 12 months.

**Table 3.6** Percentage of Respondents Who Approve of Family Planning, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	24.0	287	15.7	363
FCT	49.8	279	49.3	365
Kano	8.6	642	12.6	661
Lagos	57.0	658	58.8	638
Nasarawa	41.1	270	42.1	380
<b>Residence</b>				
Urban	48.2	1,126	50.5	1,153
Semi-urban	35.7	187	38.0	213
Rural	15.6	823	21.0	104
<b>Age</b>				
15-19	26.4	350	26.7	348
20-24	36.5	371	44.0	293
25-29	45.0	430	42.9	409
30-34	38.2	295	43.4	350
35-39	48.2	225	39.6	273
40-44	40.1	176	46.3	220
45-49	34.6	289	32.5	238
> 50	0.0	0	27.5	276
<b>Marital status</b>				
Married	36.2	1,186	33.4	1,222
In union	36.0	324	36.3	325
Not married or in union	42.7	626	44.1	860
<b>Ever have a child</b>				
	37.9	1,663	34.6	773
<b>Number of partners in last 12 months</b>				
None (0)	35.6	236	44.9	218
1	38.0	1,634	37.4	1,645
2 or more	54.2	112	45.3	305
<b>Education</b>				
No formal schooling	16.1	818	14.0	713
Primary	41.1	440	28.7	530
Secondary or higher	53.3	878	54.1	1,164
<b>Religion</b>				
Christian	57.7	876	58.8	945
Muslim	23.9	1,178	23.4	1,344
Other	24.8	82	36.7	118
Total	38.1	2,136	37.9	2,407

**Table 3.7** Percentage of Respondents Who Discussed Family Planning in the Last 12 Months, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	29.3	287	40.5	363
FCT	62.7	279	60.8	365
Kano	28.2	642	37.7	661
Lagos	66.9	658	70.1	638
Nasarawa	51.1	270	47.1	380
<b>Residence</b>				
Urban	61.3	1,126	65.6	1,153
Semi-urban	48.3	187	54.7	213
Rural	25.3	823	37.9	104
<b>Age</b>				
15-19	62.7	350	74.6	348
20-24	50.8	371	74.1	293
25-29	47.7	430	64.8	409
30-34	47.9	295	47.6	350
35-39	46.1	225	44.0	273
40-44	42.9	176	38.7	220
45-49	48.7	289	40.4	238
> 50	0.0	0	36.4	276
<b>Marital status</b>				
Married	27.2	1,186	25.6	1,222
In union	31.8	324	28.9	325
Not married or in union	100.0	626	100.0	860
<b>Ever have a child</b>	44.6	1,663	36.9	2,407
<b>Number of partners in last 12 months</b>				
None (0)	62.9	236	63.1	218
1	42.8	1,634	47.2	1,645
2 or more	65.6	112	53.2	305
<b>Education</b>				
No formal schooling	25.5	818	34.0	713
Primary	48.0	440	47.9	530
Secondary or higher	69.5	878	68.2	1,164
<b>Religion</b>				
Christian	67.2	876	67.6	945
Muslim	35.9	1,178	45.1	1,344
Other	68.4	82	63.0	118
<b>Total</b>	50.2	2,136	54.7	2,407



## Chapter 4. Antenatal Care and Breastfeeding

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This chapter describes respondents' use of antenatal care services, as well as the quality of antenatal care services received, as determined by the percent of respondents receiving important health information, preventative vaccines, or chemoprophylaxis during the visit. This chapter also describes the breastfeeding rates within COMPASS project areas. The information contained in this chapter will serve as a baseline for assessing improvements in both access to and quality of antenatal care services. Furthermore, understanding which groups are accessing antenatal care and which groups are receiving appropriate treatment and counseling services is necessary to ensure that the project is rolled out in an equitable and complete manner.

### Antenatal Care Utilization

Table 4.1 reports on the percent of mothers who obtained ANC services during their last pregnancy from a trained provider at a hospital or clinic. Overall, 36% of respondents who are mothers report receiving ANC services at least once during their last pregnancy, whereas 31% report receiving ANC services four or more times during their last pregnancy. The percentage of mothers who obtained ANC services once during the last pregnancy was highest in FCT (49%) and lowest in Kano (23%), with the other three states ranging between 36% and 43%. However, greater disparities were evident when comparing the percent of mothers who received ANC services once with the percent of mothers who received ANC at least four times during their last pregnancies, and substantial reductions were observed across all five states. For example, in Bauchi, 36% of mothers received ANC services once, versus 27% who received ANC services four times or more. In FCT, 49% received ANC services once, whereas 41% received ANC services four times. In Kano, 23% reported visiting a hospital or clinic for ANC

services one time, and only 18% reported visiting a hospital or clinic for ANC services four times or more. In Lagos, the percent of mothers who obtained ANC services once was 43% and 39% for mothers who obtained ANC services four times. The greatest difference was observed in Nasarawa, in which over 43% of mothers reported visiting a clinic or hospital for ANC services once, but only 27% reported receiving ANC care four times or greater.

Large disparities also exist between rural and urban residents accessing ANC services once (43% of urban mothers versus 21% of rural mothers) and four or more times (39% of urban mothers versus 14% of rural mothers). Among mothers of various age cohorts, mothers aged 15-19 were the lowest for accessing ANC services once (22%), as well as for those accessing ANC services four or more times (16%). Those mothers not in union were also less likely to access ANC services (22% reported one visit and 19% reported four or more visits) as compared to married mothers (38% reported one visit and 32% reported four or more visits). Among those with primary education or higher, the percentage of mothers who received ANC once was similar (46% for primary education and 43% for secondary education or higher). For those mothers who accessed ANC services four or more times, the percentages were similar among mothers with secondary (39%) or primary (40%) education.

### Quality of Antenatal Care Services

Table 4.2 reports on the percentage of women who received or were counseled on IPT for malaria with Fansidar at least once, among those women who obtained ANC services from a trained provider at a hospital or clinic. In general, fewer women received IPT than were actually counseled on IPT during their ANC visit. Overall, 48% of women

**Table 4.1** Percentage of Mothers Who Obtained ANC Services during Their Last Pregnancy from a Trained Provider at a Hospital or Clinic

Characteristic	Obtained ANC at least once		Obtained ANC $\geq$ 4 times	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	35.8	232	26.7	232
FCT	49.3	201	41.3	201
Kano	22.7	520	18.1	520
Lagos	42.6	503	39.2	503
Nasarawa	43.5	207	27.1	207
<b>Residence</b>				
Urban	43.1	862	38.6	862
Semi-urban	40.4	140	32.0	140
Rural	20.5	661	14.2	661
<b>Age</b>				
15-19	21.6	183	16.4	183
20-24	36.5	256	31.2	256
25-29	42.5	344	36.4	344
30-34	42.7	252	35.2	252
35-39	43.0	212	38.8	212
40-44	29.1	160	23.8	160
45-49	30.2	256	27.1	256
<b>Marital status</b>				
Married	38.4	1,048	31.5	1,048
In union	45.8	286	43.3	286
Not married or in union	21.9	329	18.7	329
<b>Number of partners in last 12 months</b>				
None (0)	27.6	198	23.7	198
1	37.5	1,378	32.0	1,378
2 or more	35.3	87	29.9	87
<b>Education</b>				
No formal schooling	23.3	695	17.1	695
Primary	46.0	355	39.6	355
Secondary or higher	43.2	613	39.2	613
<b>Religion</b>				
Christian	43.6	624	38.1	624
Muslim	31.8	975	26.6	975
Other	26.3	64	21.4	64
Total	36.2	1,663	30.9	1,663

who obtained ANC services were counseled on IPT, whereas 9% actually received IPT with Fansidar at least once during their pregnancy. Respondents in rural areas report the lowest levels of women receiving counseling on IPT (17%) and the lowest levels of women who actually received

IPT during visits to ANC clinics or hospitals (1.2%). Bauchi and Nasarawa respondents report the lowest levels of women counseled on IPT (25% and 20%, respectively), whereas Nasarawa and Kano respondents report the lowest levels of women who actually received IPT (1.1% and

3.4%, respectively). Women aged 15-19 had the lowest levels of both counseling on IPT (34%) and receiving IPT (0%). Only 51 out of 604 women attending ANC during their last pregnancy report receiving Fansidar.

Table 4.3 reports the percentage of women who obtained ANC services during their last pregnancy who received tetanus toxoid (TT) vaccine if needed. Overall, 65% of women reported receiving at least one dose and 49% reported receiving two doses of

**Table 4.2** Percentage of Women Who Received IPT (Fansidar) at Least Once, and Percentage Counseled on IPT, among Women Obtaining ANC Services from a Trained Provider at a Hospital or Clinic

Characteristic	Given IPT (Fansidar)*		Counseled on IPT	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	9.6	83	25.3	83
FCT	10.1	99	55.6	99
Kano	3.4	118	37.3	118
Lagos	11.2	214	58.9	214
Nasarawa	1.1	90	20.0	90
<b>Residence</b>				
Urban	11.2	381	54.0	381
Semi-urban	3.3	60	53.3	60
Rural	1.2	163	16.9	163
<b>Age</b>				
15-19	0	42	34.0	42
20-24	6.7	99	44.2	99
25-29	13.2	150	52.7	150
30-34	7.4	103	52.4	103
35-39	10.9	90	51.4	90
40-44	8.3	48	43.9	48
45-49	8.3	72	43.4	72
<b>Marital status</b>				
Married	10.3	409	48.0	409
In union	5.6	122	48.2	122
Not married or in union	8.3	73	48.0	73
<b>Number of partners in last 12 months</b>				
None (0)	5.9	57	44.7	57
1	9.2	518	49.1	518
2 or more	10.2	29	37.2	29
<b>Education</b>				
No formal schooling	6.2	173	30.2	173
Primary	5.4	170	51.2	170
Secondary or higher	12.1	261	55.1	261
<b>Religion</b>				
Christian	9.5	271	47.9	271
Muslim	8.9	313	49.1	313
Other	0	20	29.6	20
Total	9.0	604	48.0	604

\* Given IPT refers to women who report receiving any IPT at least

TT during their last pregnancy. Women located in rural areas (56%) as well as women reporting no formal education (51%) reported the lowest percentage of TT vaccination. The percentage of women receiving two doses of TT if needed was lowest in women with no formal education (33%) compared to 58% in women with secondary or higher levels of education.

Table 4.4 reports on the percentage of women obtaining ANC services who were counseled about the warning signs of pregnancy complications. Overall, 62% of women obtaining ANC services were counseled about the warning signs of pregnancy complications during their last pregnancy. The percent was lowest in Kano state (52%) and highest in FCT (73%). Further, only



**Table 4.3** Percentage of Women Who Obtained ANC Services during Their Last Pregnancy Who Received Two Doses of TT, and Percentage Who Received at least One Dose of TT, if Needed

Characteristic	2 TT		≥ 1 TT	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	49.4	81	69.1	81
FCT	50.0	98	81.6	98
Kano	36.6	112	58.0	112
Lagos	53.7	214	65.9	214
Nasarawa	37.1	89	52.8	89
<b>Residence</b>				
Urban	51.9	369	65.9	375
Semi-urban	45.0	60	76.7	60
Rural	37.2	159	55.6	159
<b>Age</b>				
15-19	57.8	39	69.2	39
20-24	47.8	96	73.3	96
25-29	49.8	149	63.0	149
30-34	53.0	102	70.2	102
35-39	54.0	89	69.6	89
40-44	42.8	47	55.1	47
45-49	38.8	72	51.8	72
<b>Marital status</b>				
Married	50.5	403	64.9	403
In union	43.0	119	64.7	119
Not married or in union	52.7	72	65.7	72
<b>Number of partners in last 12 months</b>				
None (0)	40.9	55	53.9	55
1	50.3	510	66.5	510
2 or more	43.8	29	59.4	29
<b>Education</b>				
No formal schooling	33.2	167	51.3	167
Primary	45.4	168	65.5	168
Secondary or higher	58.2	259	71.1	259
<b>Religion</b>				
Christian	54.0	268	66.7	268
Muslim	45.2	306	63.5	306
Other	35.2	20	63.0	20
Total	49.1	594	65.0	594

50% of women obtaining ANC service in rural areas report being counseled on the warning signs of pregnancy complications, compared to 65% in urban areas and 61% in semi-urban areas. Women not in union or marriage were less likely to have been told of the warning signs of pregnancy complications (51%), as compared to those women in union (64%) or marriage (64%).

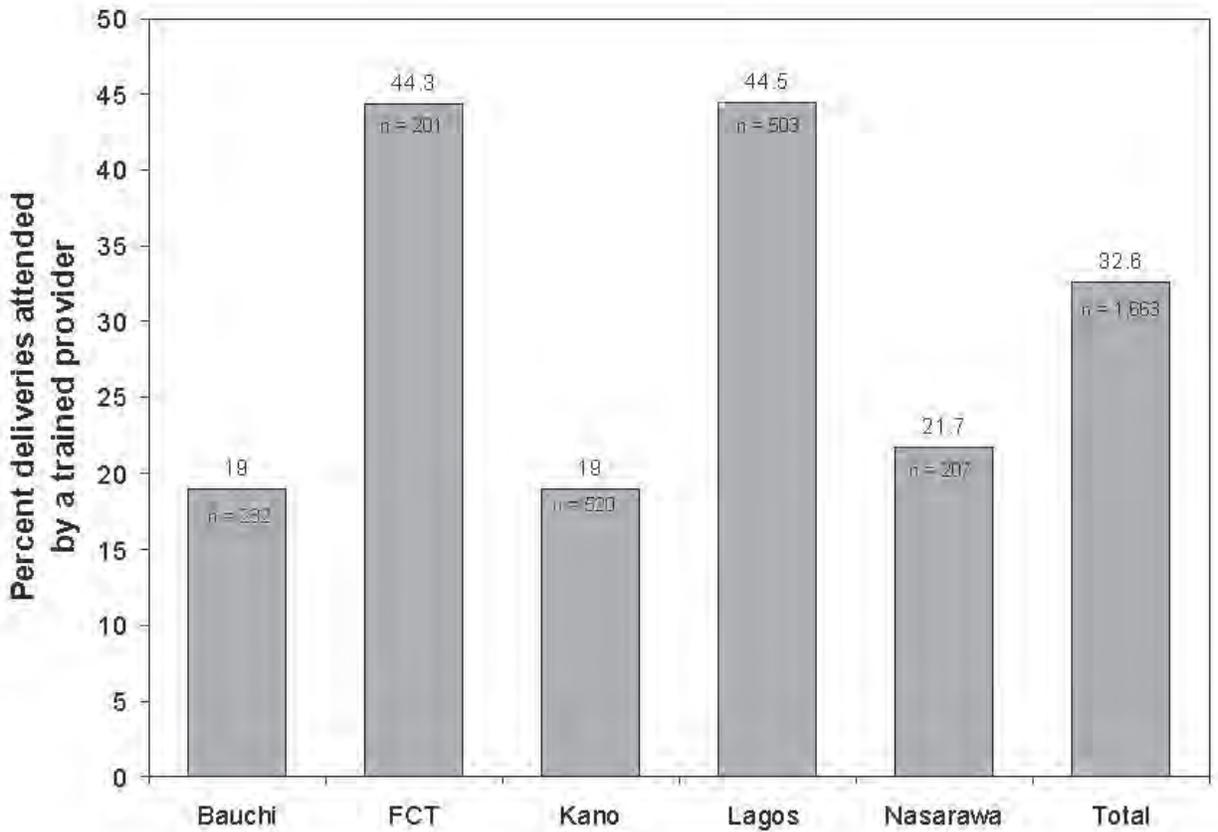
Figure 4.1 illustrates the percentage of deliveries attended by a trained provider (i.e., doctor, midwife, nurse, community health extension worker, or community health officer). Lagos and FCT states reported the highest percentage of attended deliveries (45% and 44%, respectively), and Bauchi and Kano reported the lowest percentage. Overall, about one-third (32.5%) report having a trained provider attend the delivery.



**Table 4.4** Percentage of Women Obtaining ANC Who Were Counseled about the Warning Signs of Pregnancy Complications

<b>Characteristic</b>	<b>%</b>	<b>n</b>
<b>LGAs in:</b>		
Bauchi	63.9	83
FCT	72.7	99
Kano	51.7	118
Lagos	65.0	214
Nasarawa	58.9	90
<b>Residence</b>		
Urban	65.2	381
Semi-urban	61.7	60
Rural	50.0	163
<b>Age</b>		
15-19	54.1	42
20-24	71.1	99
25-29	62.0	150
30-34	70.6	103
35-39	67.3	90
40-44	50.3	48
45-49	48.7	72
<b>Marital status</b>		
Married	64.2	409
In union	64.1	122
Not married or in union	51.0	73
<b>Number of partners in last 12 months</b>		
None (0)	47.8	57
1	64.9	518
2 or more	47.4	29
<b>Education</b>		
No formal schooling	48.1	173
Primary	72.4	170
Secondary or higher	64.4	261
<b>Religion</b>		
Christian	64.1	271
Muslim	61.7	313
Other	47.0	20
<b>Total</b>	<b>62.4</b>	<b>604</b>

**Figure 4.1** Percentage of deliveries attended by a trained provider: doctor, midwife, nurse, CHEW, or CHO.



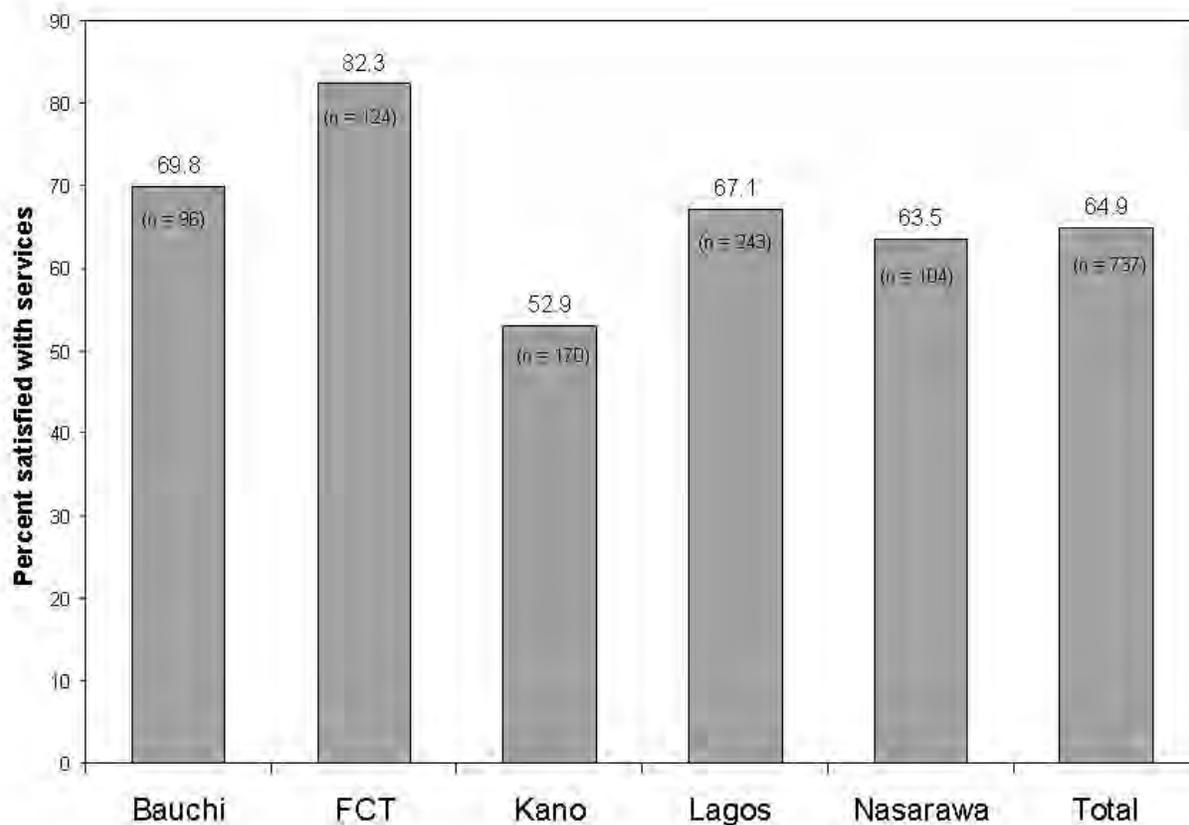
**Quality of General Health Services**

Figure 4.2 illustrates the percentage of women who were somewhat satisfied or very satisfied with the services provided at their last visit to a health facility for general health. FCT respondents report the highest female patient satisfaction (82%), and Kano respondents report the lowest (53%). Overall, satisfaction was fairly high, with 65% of the female respondents visiting a clinic or health facility in the last 12 months for general health reasons reporting satisfaction with the services provided.

**Breastfeeding**

Table 4.5 reports on the percentage of infants less than six months (0-5 months) old exclusively breastfed over the last 24 hours. Given the small sample size, it was not possible to produce valid estimates for all categories of mothers' characteristics. Overall, about 22% of infants were exclusively breastfed over the past 24 hours. Twenty-nine percent of infants of Christian mothers were exclusively breastfed over the last 24 hours, compared to 17% of infants of Muslim mothers.

**Figure 4.2** Percentage of women who are satisfied or very satisfied with the service received at time of last visit to health facility (general health).



**Table 4.5** Percentage of Infants under Six Months Old Exclusively Breastfed over Last 24 Hours

Characteristic of mother	%	n
<b>Residence</b>		
Urban	20.4	75
Semi-urban	*	11
Rural	*	40
<b>Education</b>		
No formal schooling	*	38
Primary	*	35
Secondary or higher	25.4	53
<b>Religion</b>		
Christian	28.9	51
Muslim	17.2	70
Other	*	5
Total	21.8	126

\*Denotes insufficient *n* size to calculate estimate.



## Chapter 5. Childhood Illness

This chapter presents information on respondent's knowledge of childhood illnesses, as well as on home-based treatment of malaria, acute respiratory illness (ARI), and diarrhea. This information is important to identify subgroups within the project areas that are in need of additional information on treating childhood illnesses or access to specific vaccinations against childhood illnesses. Knowledge of childhood illness is a necessary precursor to adequately treating children with potential life-threatening disease. This information is also important to ascertain which areas within the COMPASS Project areas

need additional information, education, and communication campaigns to ensure adequate coverage of vaccinations and personal protection measures against disease. Differences between the child n sizes reported in Table 1.1 and the tables reporting on children in this chapter are due to missing information for some children.

### Use of Vitamin A Supplements

Table 5.1 shows the percentage of mothers who are aware that children 0-59 months should receive a Vitamin A supplement, among mothers

**Table 5.1** Percentage of Mothers Aware that Children Aged 0-59 Months Should Receive Vitamin A Supplements

Characteristic	%	n <sup>†</sup>
<b>LGAs in:</b>		
Bauchi	30.4	138
FCT	56.5	116
Kano	24.4	205
Lagos	68.5	216
Nasarawa	68.8	109
<b>Residence</b>		
Urban	62.0	384
Semi-urban	58.9	69
Rural	26.4	331
<b>Age</b>		
15-19	36.9	79
20-24	43.2	148
25-29	56.7	216
30-34	50.6	145
35-39	64.1	96
40-44	52.1	43
45-49	35.8	57
<b>Marital status</b>		
Married	47.4	569
In union	60.7	148
Not married or in union	49.8	67
<b>Education</b>		
No formal schooling	27.3	328
Primary	56.5	180
Secondary or higher	68.5	276
<b>Religion</b>		
Christian	67.1	302
Muslim	39.2	458
Other	*	24
Total	50.4	784

\* Denotes insufficient *n* size to report estimate.

† Difference in *n* size for mothers from previous tables is due to reduced number of mothers with children currently 0-59 months old.

with children who are currently 0-59 months old. Overall, greater than 50% of mothers report awareness of the importance of Vitamin A supplements for children. Awareness was highest in Lagos and Nasarawa States, with each reporting 69%. In FCT, 57% of mothers reported awareness of Vitamin A supplements for children, whereas only 30% of mothers in Bauchi and 25% of mothers in Kano report awareness of Vitamin A supplements for children. Urban mothers were more likely to report awareness of Vitamin A supplements (62%), as compared to semi-urban mothers (59%) and rural mothers (27%). Mothers between the ages of 15-19 and between the ages of 45-49 report the lowest levels of awareness (37% and 36%, respectively). Mothers between the ages of 35-39 report the highest levels of Vitamin A awareness (64%). Sixty-nine percent of mothers with secondary school or higher levels of education report awareness of Vitamin A supplements for children, compared to 27% of mothers with no formal education. Higher percentages of Christian mothers were also aware: 67% of Christian mothers, compared to 39% of Muslim mothers.

Table 5.2 reports on the percentage of children 6-59 months old who receive Vitamin A supplement, according to a health card or recall of the mother. Overall, 23% of children ages 6-59 months old within COMPASS project areas received a Vitamin A supplement. Large variations were observed in the percentage of children who received Vitamin A among LGAs in the five states: 8% in Bauchi, 7% in Kano, 36% in Nasarawa, 37% in Lagos, and 36% in FCT. Additionally, large variations were observed between mothers reporting residence in urban areas (30%) versus rural areas (9%). As expected, mothers with secondary school education or higher were more likely to report giving their children Vitamin A supplements (37%) as compared to mothers with no formal education (9%). Over 31% of mothers who report being Christian reportedly gave their children Vitamin A supplements, compared to only 17% of Muslim mothers.

### **Use of Insecticide Treated Nets for the Prevention of Malaria**

Table 5.3 reports on the percentage of respondents who are aware that the use of an ITN can prevent

malaria transmission. Overall, 34% of both females and males report being aware that proper use of an ITN can prevent malaria transmission. Among female respondents, awareness was highest among respondents from FCT (42%) and Lagos (42%). Awareness was lowest among female respondents from Kano (22%). Female respondents from urban areas report higher levels of awareness (41%) as compared to female respondents from rural areas (19%). This is an important distinction, given that malaria transmission is much more likely in rural settings as compared to urban settings. The mother's level of education also is important, as 45% of mothers with secondary school or higher levels of education report awareness of ITN use for the prevention of malaria, as compared to only 22% of mothers with no formal education. Forty-two percent of mothers who report being Christian report awareness of ITN use, compared to 29% of Muslim mothers and mothers of other faiths.

Table 5.4 reports on the percent of children under five years of age (0-59 months old) who slept under an ITN the night before the survey. Less than 3% of children reportedly slept under an ITN the night before the survey. Although this number is low, it should be noted that we did not concurrently collect information on entomological inoculation rates or the incidence of malaria relative to the level of precipitation in COMPASS project areas; thus, it is possible that this information is reflective of a time when malaria transmission is not a problem. ITN use among children less than five years old was highest in FCT (7%) and Nasarawa states (8%), and lowest among children in Kano (1%) and Bauchi (2%) states. Further, ITN use was also higher in children whose mothers were between the ages of 15-19 (6%) as compared to other age groups (range: 0%-4%). Children with mothers reporting a secondary school education level or higher had higher percentages than children with mothers reporting no formal education: 6% versus <1%. No clear patterns emerged among the other subgroups.

**Table 5.2** Percentage of Children 6-59 Months Old Who Received a Vitamin A Supplement in Past Six Months, According to Health Card or Recall

Characteristic of mother	%	n
<b>LGAs in:</b>		
Bauchi	8.1	174
FCT	35.6	132
Kano	6.5	261
Lagos	37.0	249
Nasarawa	36.1	133
<b>Residence</b>		
Urban	30.4	457
Semi-urban	32.4	86
Rural	8.7	406
<b>Age</b>		
15-19	16.0	92
20-24	20.0	179
25-29	25.8	260
30-34	20.3	185
35-39	33.7	119
40-44	*	42
45-49	20.7	72
<b>Marital status</b>		
Married	20.1	694
In union	30.4	180
Not married or in union	32.1	75
<b>Education</b>		
No formal schooling	9.3	413
Primary	22.5	210
Secondary or higher	37.4	326
<b>Religion</b>		
Christian	31.6	371
Muslim	17.3	553
Other	*	25
Total	23.2	949

\* Denotes insufficient *n* size to report estimate.



### Home-Based Treatment for Malaria, ARI, and Diarrhea

Table 5.5 reports on the percentage of respondents knowing at least two of the danger signs requiring immediate care from clinic, patent medical vendor (PMV), chemist, or health center. The danger signs asked of the respondents at the time of the interview include: repeated watery stools, bloody stool, repeated vomiting, fast breathing, difficult breathing, noisy breathing, cough, fever, convulsions, not eating or drinking, not breastfeeding well,

difficult to wake-up, or getting sicker/very sick. Sixty-two percent of female respondents report knowing at least two of the danger signs that require immediate attention. Over 61% of male respondents report knowing at least two of the danger signs. Large variations between and among subgroups were not observed for males or females. The highest percentages among females were observed among respondents from Nasarawa (80%) and FCT (66%) states; urban residents (63%); women between the ages of 40-44 (72%) and between the ages of 35-39 (69%); women

**Table 5.3** Percentage of Respondents Aware that ITN Use Can Prevent Malaria Transmission

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	31.4	287	25.9	363
FCT	42.3	279	47.4	365
Kano	22.1	642	26.5	661
Lagos	41.5	658	40.8	638
Nasarawa	31.9	270	33.4	380
<b>Residence</b>				
Urban	40.7	1,126	41.5	1,153
Semi-urban	39.0	187	36.0	213
Rural	18.9	823	24.4	104
<b>Age</b>				
15-19	28.9	350	29.1	348
20-24	28.7	371	38.2	293
25-29	40.1	430	35.1	409
30-34	35.2	295	37.5	350
35-39	33.5	225	42.1	273
40-44	42.4	176	26.8	220
45-49	34.0	289	38.8	238
>50	0	0	27.0	276
<b>Marital status</b>				
Married	34.0	1,186	34.3	1,222
In union	29.8	324	29.5	325
Not married or in union	37.2	626	35.9	860
<b>Ever had a child</b>	34.1	1,663	30.3	2,407
<b>Education</b>				
No formal schooling	22.3	818	18.4	713
Primary	30.5	440	33.4	530
Secondary or higher	44.8	878	43.1	1,164
<b>Religion</b>				
Christian	41.7	876	41.2	945
Muslim	29.0	1,178	29.4	1,344
Other	29.2	82	36.1	118
<b>Total</b>	<b>34.4</b>	<b>2,136</b>	<b>34.4</b>	<b>2,407</b>

**Table 5.4** Percentage of Children under Five Years Old Who Slept under an ITN the Night before the Survey

<b>Characteristic of mother</b>	<b>%</b>	<b>n</b>
<b>LGAs in:</b>		
Bauchi	1.7	175
FCT	6.8	133
Kano	1.1	277
Lagos	3.3	270
Nasarawa	7.5	146
<b>Residence</b>		
Urban	3.1	483
Semi-urban	4.5	90
Rural	1.9	428
<b>Age</b>		
15-19	6.0	101
20-24	1.1	188
25-29	3.6	277
30-34	3.5	196
35-39	1.3	119
40-44	0.0	48
45-49	1.8	72
<b>Marital status</b>		
Married	2.7	728
In union	2.1	188
Not married or in union	5.1	85
<b>Education</b>		
No formal schooling	0.1	435
Primary	1.9	224
Secondary or higher	5.5	342
<b>Religion</b>		
Christian	4.1	392
Muslim	1.7	582
Other	*	27
Total	2.8	1,001

**Table 5.5** Percentage of Respondents Knowing Two or More Danger Signs Requiring Immediate Care from Clinic, PMV, Chemist, or Health Center, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	63.1	287	69.7	363
FCT	65.6	279	69.3	365
Kano	53.7	642	52.8	661
Lagos	64.1	658	59.9	638
Nasarawa	79.6	270	77.4	380
<b>Residence</b>				
Urban	63.0	1,126	60.2	1,153
Semi-urban	61.0	187	53.5	213
Rural	59.6	823	67.2	1,041
<b>Age</b>				
15-19	46.2	350	54.6	348
20-24	61.5	371	55.2	293
25-29	67.1	430	60.5	409
30-34	58.4	295	64.7	350
35-39	69.4	225	70.7	273
40-44	72.2	176	66.1	220
45-49	63.9	289	61.3	238
> 50	0	0	59.2	276
<b>Marital status</b>				
Married	65.4	1,186	67.9	1,222
In union	67.8	324	58.4	325
Not married or in union	52.7	626	53.3	860
<b>Ever had a child</b>	64.5	2,136	67.1	2,407
<b>Education</b>				
No formal schooling	58.7	818	55.0	713
Primary	62.3	440	63.1	530
Secondary or higher	64.1	878	63.4	1,164
<b>Religion</b>				
Christian	64.5	876	65.1	945
Muslim	60.9	1,178	59.0	1,344
Other	45.8	82	51.3	118
<b>Total</b>	61.9	2,136	61.1	2,407



with secondary school or higher levels of education (64%); and Christian women (65%). The lowest values were observed for women in Kano (54%); rural residents (60%); women between the ages of 15-19 (46%); women from faiths other than Christianity or Islam (46%); and those with no formal education (59%). Similar patterns were observed for male respondents. Nasarawa males

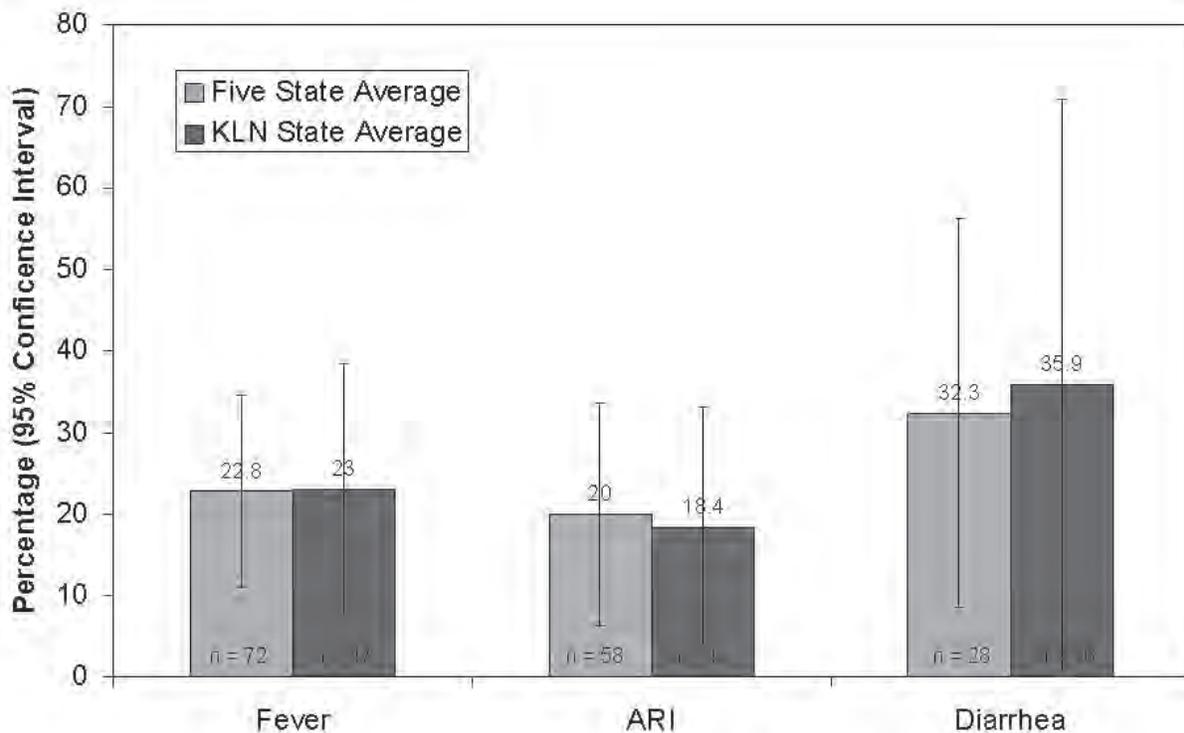
reported high percentages (77%), with Bauchi and FCT not far behind (70% and 69%, respectively). Rural men reported higher percentages than male respondents from urban areas (67% versus 60%), and 68% of married men reported knowing at least two of the danger signs requiring immediate medical attention, compared to 53% of males not married or in union.

Figure 5.1 illustrates the percentage of children 0-23 months with febrile illness during last two weeks who received anti-malarial treatment, the percentage of children 0-23 months with diarrhea episode during last two weeks who received oral re-hydration therapy (ORT), and the percentage of children 0-23 months with ARI during last two weeks who received the recommended antibiotic therapy. Figure 5.1 presents the five state average (over all COMPASS states), as well as a three state average (Kano, Lagos, and Nasarawa states only) for the respective indicators described above. Given the small sample size for these indicators, as

a result of few children reportedly having malaria, diarrhea, or ARI, caution should be used when interpreting and extrapolating these results to areas or situations outside the scope of the COMPASS project. Overall, the averages were similar between the five state estimates and three state estimates. Approximately 20% of children 0-23 months with fever in last two weeks received anti-malaria treatment. Over 40% of children with diarrhea during last two weeks received ORT, and about 20% with ARI during last two weeks received the recommended antibiotic treatment.



**Figure 5.1** Percentage of children 0-23 months with febrile illness episode during last two weeks who received anti-malarial therapy, with diarrhea episode during last two weeks who received ORT, and with ARI during last two weeks who received recommended antibiotic therapy.\*



\* KLN = Kano, Lagos, and Nasarawa average.

## Childhood Vaccinations

Table 5.6 shows the percentage of children 12-23 months old who received three doses of DPT before their first birthday, according to their health card. Overall, 12% of children 12-23 months old received three doses of DPT before their first birthday, according to the health card. Large variations exist among sub-groups of the population. DPT coverage was highest in FCT and Lagos (21%), and lowest in Kano (1%), Bauchi (7%), and Nasarawa (4%). Eighteen percent of

children in urban areas reportedly received three doses of DPT before their first birthday, compared to under 1% of rural children. Education is also important, as 21% of children with mothers reporting secondary or higher levels of education reportedly received three doses of DPT, compared to 3% of children with mothers having no formal education. Eighteen percent of children with Christian mothers received the required three doses of DPT, compared to only 10% of children with Muslim mothers.

**Table 5.6** Percentage of Children Who Received Three Doses of DPT before Their First Birthday, According to Health Card, among Children Ages 12-23 Months Old

Characteristic of mother	%	n
<b>LGAs in:</b>		
Bauchi	6.5	31
FCT	20.6	34
Kano	1.3	75
Lagos	21.3	61
Nasarawa	3.7	27
<b>Residence</b>		
Urban	18.1	116
Semi-urban	*	14
Rural	0.4	98
<b>Age</b>		
15-19	*	25
20-24	7.5	40
25-29	15.1	65
30-34	11.9	51
35-39	*	26
40-44	*	7
45-49	*	14
<b>Marital status</b>		
Married	12.6	160
In union	7.4	48
Not married or in union	*	20
<b>Education</b>		
No formal schooling	2.9	97
Primary	13.0	56
Secondary or higher	21.1	75
<b>Religion</b>		
Christian	17.8	84
Muslim	9.5	138
Other	*	6
Total	12.1	228

\* Denotes insufficient *n* size to report estimate.

Table 5.7 shows the percentage of children 12-59 months old who were fully immunized by their first birthday, according to the health card. Four percent of children 12-59 months old reportedly received all vaccinations. Percentages were highest in FCT (6%), Lagos (6%), and Nasarawa (9%), and percentages were lowest in Kano and Bauchi (1%).

Children with mothers residing in urban areas had higher vaccination coverage than children in rural areas: 5% compared to under 1%. Six percent of children with mothers reporting secondary school or higher levels of education reported completed immunization compared to less than 1% of children with mothers reporting no formal education.



**Table 5.7** Percentage of Children Who Are Fully Immunized by First Birthday, According to Health Card, among Children 12-59 Months Old

<b>Characteristic of mother</b>	<b>%</b>	<b>n</b>
<b>LGAs in:</b>		
Bauchi	1.4	147
FCT	6.3	112
Kano	0.5	213
Lagos	6.1	215
Nasarawa	9.7	104
<b>Residence</b>		
Urban	5.2	392
Semi-urban	4.1	68
Rural	0.1	331
<b>Age</b>		
15-19	3.5	76
20-24	2.1	145
25-29	4.3	222
30-34	3.9	156
35-39	3.3	104
40-44	*	34
45-49	4.1	54
<b>Marital status</b>		
Married	3.6	576
In union	2.3	148
Not married or in union	5.6	67
<b>Education</b>		
No formal schooling	0.9	335
Primary	3.8	176
Secondary or higher	5.7	280
<b>Religion</b>		
Christian	4.5	314
Muslim	2.9	456
Other	*	21
<b>Total</b>	<b>3.5</b>	<b>791</b>

\* Denotes insufficient *n* size to report estimate.



## Chapter 6. Exposure to Mass Media

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This chapter describes the levels of exposure to mass media, including radio, newspaper, and television, within COMPASS project areas. Understanding the variability in exposure to media sources is important, as it provides valuable information about the potential coverage of mass media family planning, reproductive health, and health education campaigns. This chapter also includes information about who is not exposed to any of the aforementioned media sources. This information is important for guiding programmatic decisions, specific to targeted populations and areas. As program managers continue to explore the contextual factors influencing program coverage and success, an understanding of when and where media sources are accessed becomes instrumental.

### Radio Media Exposure

Table 6.1 shows the percentage of women and men who listen to the radio almost everyday or at least once a week in COMPASS project areas. Overall, 72% of females and 80% of males report listening to the radio on a regular basis. Among women, radio listenership was lowest in Bauchi (54%) and highest in Lagos (85%), although all states reported radio listenership in excess of 50%. Further, the percentage of women who reported listening to the radio on a regular basis was highest among urban respondents (83%) and semi-urban respondents (77%), as compared to only 49% of female respondents in rural areas. As expected, the percentage of women who reported listening to the radio on a regular basis was lowest among the uneducated (50%), as compared to those with primary school educations (76%) or higher (88%). The percentage that reported listening to the radio was generally much higher among male respondents across all sample characteristics, and the patterns were similar to those observed with the female respondents. Lagos (88%) and FCT (87%) states reported the highest percentage of men who listened to the radio on a regular

basis, and Bauchi reported the lowest (61%). Male respondents in urban areas reported radio listenership in excess of 88%, while the percentage of rural male respondents was 66%. As was the case with the female respondents, males with no formal education reported listening to the radio less often (only 57% reported listening to the radio at least once a week) than those with primary (81%) or higher (92%) levels of education.

### Newspaper Media Exposure

Table 6.2 reports patterns of newspaper readership among respondents in COMPASS project areas. Overall, 27% of females and 40% of males reported reading the newspaper at least once a week. Newspaper readership was lowest among rural and uneducated respondents, as well as among respondents in Bauchi, for both males and females. In Bauchi, 9% of women and 19% of men reported reading a newspaper at least once a week, as compared to 40% of women and 59% of men in Lagos. Likewise, 39% of women and 51% of men in FCT reported reading a newspaper at least once a week. In rural areas, only 5% of women and 16% of men reported reading a newspaper at least once a week, compared with 36% of women and 55% of men in urban areas. Education appears to greatly influence newspaper readership; 49% of women and 65% of men with secondary or higher education levels reported reading a newspaper at least once a week, compared to 3% of women and 6% of men with no formal education. For both sexes, respondents aged 15-19 reported the lowest newspaper readership.

### Television Media Exposure

Table 6.3 shows patterns of television viewership in COMPASS Project areas. Exposure to television was fairly high, with 63% of female respondents and 64% of male respondents reporting that they watch television at least once a week. Although

**Table 6.1** Percentage of Respondents Who Listen to Radio at Least Once A Week, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	54.4	287	61.4	363
FCT	76.3	279	87.1	365
Kano	60.9	642	77.8	661
Lagos	85.0	658	88.4	638
Nasarawa	54.8	270	74.0	380
<b>Residence</b>				
Urban	82.4	1,126	88.5	1,153
Semi-urban	77.6	187	88.6	213
Rural	48.5	823	66.0	1041
<b>Age</b>				
15-19	63.1	350	73.9	348
20-24	72.8	371	78.7	293
25-29	77.8	430	81.7	409
30-34	76.1	295	84.7	350
35-39	75.1	225	84.0	273
40-44	66.6	176	82.7	220
45-49	72.7	289	82.7	238
> 50	0	0	74.7	276
<b>Marital status</b>				
Married	72.9	1,186	80.2	1,222
In union	67.9	324	76.4	325
Not married or in union	74.0	626	81.5	860
<b>Ever have a child</b>	72.0	1,663	78.9	2,407
<b>Number of partners in last 12 months</b>				
None (0)	72.4	236	78.7	218
1	72.3	1,634	80.8	1,645
2 or more	77.9	112	78.6	305
<b>Education</b>				
No formal schooling	49.9	818	57.1	713
Primary	75.8	440	81.1	530
Secondary or higher	87.8	878	91.9	1,164
<b>Religion</b>				
Christian	81.4	876	88.3	945
Muslim	66.5	1,178	75.4	1,344
Other	56.0	82	68.4	118
<b>Total</b>	72.4	2,136	80.2	2,407

**Table 6.2** Percentage of Respondents Who Read a Newspaper at Least Once a Week, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	8.7	287	19.3	363
FCT	39.4	279	51.8	365
Kano	10.8	642	23.9	661
Lagos	40.1	658	58.5	638
Nasarawa	15.2	270	23.2	380
<b>Residence</b>				
Urban	35.5	1126	54.8	1,153
Semi-urban	30.1	187	43.9	213
Rural	5.3	823	15.6	1,041
<b>Age</b>				
15-19	21.2	350	29.0	348
20-24	24.2	371	45.5	293
25-29	32.5	430	48.1	409
30-34	22.6	295	45.8	350
35-39	33.4	225	43.7	273
40-44	28.0	176	41.0	220
45-49	24.6	289	33.3	238
> 50	0	0	32.7	276
<b>Marital status</b>				
Married	21.6	1,186	32.5	1,222
In union	25.3	324	37.5	325
Not married or in union	35.8	626	51.2	860
<b>Ever have a child</b>				
	24.0	1,663	31.6	2,407
<b>Number of partners in last 12 months</b>				
None (0)	22.0	236	46.9	218
1	25.5	1,634	39.4	1,645
2 or more	42.3	112	42.9	305
<b>Education</b>				
No formal schooling	2.8	818	6.0	713
Primary	15.2	440	24.4	530
Secondary or higher	48.8	878	64.6	1,164
<b>Religion</b>				
Christian	41.3	876	59.4	945
Muslim	14.9	1,178	27.1	1,344
Other	31.1	82	38.2	118
Total	26.6	2,136	40.3	2,407

not reported in the table, over half of women (53%) and male respondents (55%) reported watching television almost every day, whereas a third of both male (30%) and female (32%) respondents reported not watching television at all. As with exposure to radio and newspapers, television viewership was lowest in rural areas, among those with no formal education, and in Bauchi. In Bauchi, Kano, and Nasarawa, approximately one third reported watching television at least once a week (28% of females and 30% of males in Bauchi; 35% of females and 43% of males in Kano; 32% of females and 35% of males in Nasarawa), in contrast with 91% of females and males in Lagos, and 70% of females and 76% of males in FCT. Fewer than 20% of rural respondents reported watching television at least once a week, in contrast with well over 80% of urban respondents. As well, fewer than one-quarter of respondents (23% of females and 22% of males) with no formal education reported regular viewing of television, as compared with 90% of females and 89% of males with secondary or higher levels of education.

Table 6.4 shows the percentage of respondents who had no exposure to any of the three mass media sources described above (radio, newspaper,

and television). This information is important because these respondents cannot be reached through traditional means and may instead require alternative means of communicating information, such as advertisements on billboards, visits by community health workers, or through organizations to which community members belong. Overall, only 14% of women and 10% of men had no exposure to the main mass media as defined by the household questionnaire. As expected, states with high proportions of rural residents had higher percentages of respondents reporting no exposure, as compared to states with predominantly urban populations: 35% of females and 30% of males in Bauchi; 26% of females and 15% of males in Kano; 29% of females and 17% of males in Nasarawa). This pattern is further corroborated by the low percentage of total urban respondents reporting no exposure to any mass media (3% of females and 1% of males), as compared to respondents reporting rural residence (41% of females and 25% of males). Those with no formal education were also more likely to have no exposure to any mass media, for both males (30%) and females (35%), as compared to those with primary, secondary, or higher education.

**Table 6.3** Percentage of Respondents Who Watch Television at Least Once a Week, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	27.5	287	30.3	363
FCT	69.5	279	76.4	365
Kano	34.9	642	42.5	661
Lagos	91.0	658	91.5	638
Nasarawa	31.5	270	34.7	380
<b>Residence</b>				
Urban	85.4	1,126	87.5	1,153
Semi-urban	67.3	187	75.4	213
Rural	12.0	823	23.1	1,041
<b>Age</b>				
15-19	51.7	350	53.4	348
20-24	61.7	371	68.7	293
25-29	71.5	430	71.9	409
30-34	64.5	295	68.8	350
35-39	69.2	225	67.7	273
40-44	59.6	176	65.9	220
45-49	63.1	289	61.5	238
> 50	0	0	54.4	276
<b>Marital status</b>				
Married	56.4	1,186	58.2	1,222
In union	62.5	324	55.2	325
Not married or in union	75.9	626	74.8	860
<b>Ever have a child</b>				
	61.5	1,663	53.3	2,407
<b>Number of partners in last 12 months</b>				
None (0)	60.2	236	71.4	218
1	62.5	1,634	63.9	1,645
2 or more	73.9	112	65.0	305
<b>Education</b>				
No formal schooling	23.3	818	21.8	713
Primary	68.8	440	58.3	530
Secondary or higher	90.1	878	88.7	1,164
<b>Religion</b>				
Christian	83.6	876	85.1	945
Muslim	48.2	1,178	50.0	1,344
Other	54.2	82	59.1	118
Total	63.3	2,136	64.2	2,407

**Table 6.4** Percentage of Respondents Not Exposed to Any Media at Least Once a Week, by Gender

Characteristic	Females		Males	
	%	n	%	n
<b>LGAs in:</b>				
Bauchi	35.2	287	29.5	363
FCT	8.2	279	5.2	365
Kano	26.0	642	14.5	661
Lagos	1.5	658	0.5	638
Nasarawa	28.5	270	17.1	380
<b>Residence</b>				
Urban	3.5	1,126	1.4	1,153
Semi-urban	7.8	187	4.6	213
Rural	40.7	823	24.8	1,041
<b>Age</b>				
15-19	19.1	350	13.3	348
20-24	14.1	371	8.7	293
25-29	11.9	430	8.3	409
30-34	11.7	295	9.4	350
35-39	13.0	225	5.8	273
40-44	17.0	176	7.7	220
45-49	15.1	289	10.3	238
> 50	0	0	17.6	276
<b>Marital status</b>				
Married	16.2	1,186	12.6	1,222
In union	19.5	324	13.0	325
Not married or in union	8.6	626	6.2	860
<b>Ever have a child</b>	14.8	1,663	14.3	2,407
<b>Number of partners in last 12 months</b>				
None (0)	15.9	236	10.0	218
1	14.6	1,634	9.7	1,645
2 or more	8.0	112	12.1	305
<b>Education</b>				
No formal schooling	35.3	818	30.2	713
Primary	8.5	440	6.3	530
Secondary or higher	1.2	878	1.4	1,164
<b>Religion</b>				
Christian	5.5	876	2.9	945
Muslim	21.4	1,178	15.6	1,344
Other	11.0	82	6.0	118
<b>Total</b>	14.4	2,136	10.2	2,407

# Chapter 7. Primary School Education

This chapter describes the household’s primary school-aged children’s attendance patterns, promotion rates, and retention rates. The information contained in this chapter will serve as a baseline for assessing improvements in access to education for both male and female children.

## School Attendance

Table 7.1 shows the attendance rates of primary school children, ages 6-14 and ages 6-11, by state and gender. Because different programs use different age groups to define school-aged children, this table reports on both age groups (6-11 and 6-14), which comprises all primary school students in this data set. Overall, about the same percent of male and female children in the 6-14 age group attended school: 39% of males and 38% of females. A similar pattern was observed when calculating the percentage male and female children attending school when using the combined data from Kano, Lagos, and Nasarawa only: 42% of males and 40% of females. Both

male and female attendance rates were highest in Nasarawa: 54% of males and 47% of females aged 6-14. Attendance rates were lowest in schools located in Bauchi, with male attendance rates below 29% and female attendance rates below 27%.

Figure 7.1 illustrates the gender parity index for male versus female students in schools located in each COMPASS project state (gender parity = [gross female enrollment in primary school/total females of primary school age] / [gross male enrollment in primary school/total males of primary school age]). Using school children ages 6-14, the overall gender parity index is 0.96. The gender parity index was lowest in Nasarawa at 0.87 and highest in Kano at 0.99. Using school children ages 6-11, the overall gender parity index is 0.94, with both Lagos primary schools and Bauchi primary schools reporting an index value greater than 1. Again, the gender parity index was lowest in Nasarawa schools for children ages 6-11 (0.84).



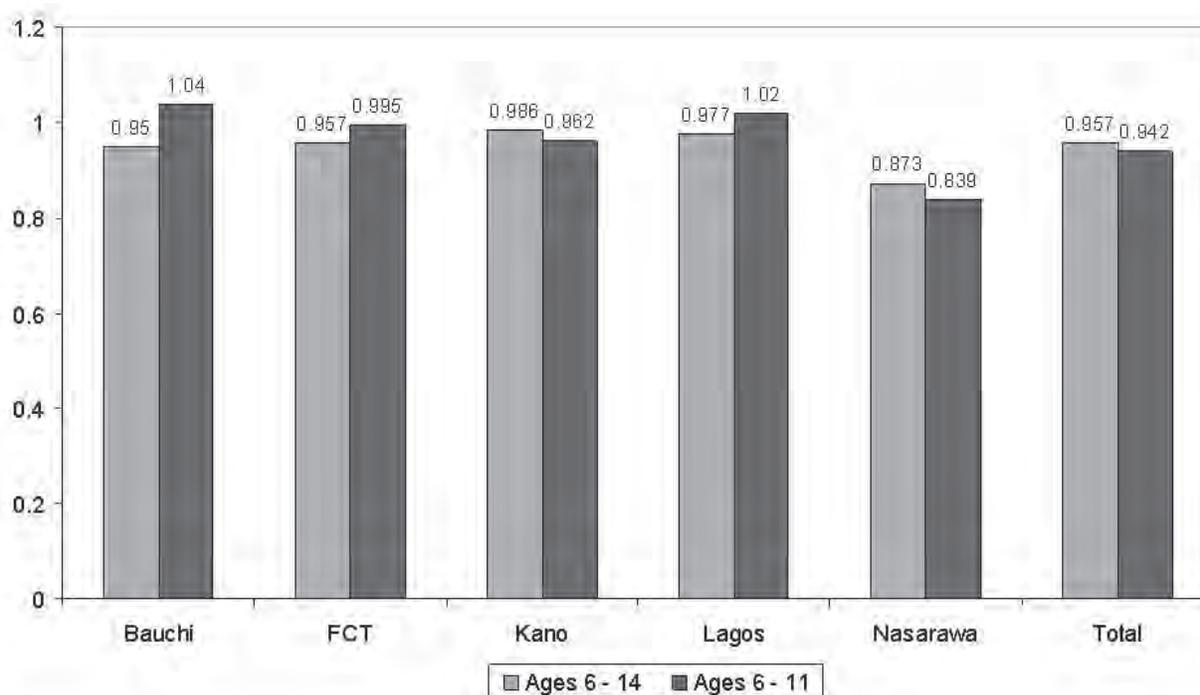
**Table 7.1** Attendance Rate of Primary School Children Ages 6-14 and Ages 6-11, by State and Gender\*

	Bauchi	FCT	Kano	Lagos	Nasarawa	Total	KLN† Total
<b>Ages 6-14</b>							
% male (n)	28.6 (469)	47.8 (343)	34.9 (895)	46.9 (429)	53.6 (526)	39.4 (2,662)	41.9 (1,850)
% female (n)	26.6 (436)	45.7 (341)	34.4 (913)	45.8 (417)	46.8 (477)	37.8 (2,584)	40.3 (1,807)
Total n	905	684	1,809	846	1,003	5,246	3,658
<b>Ages 6-11</b>							
% male (n)	28.7 (338)	52.2 (230)	37.3 (654)	56.7 (298)	54.7 (369)	43.4 (1,899)	47.0 (n = 1,321)
% female (n)	29.7 (306)	52.0 (229)	35.9 (644)	58.1 (267)	45.9 (353)	42.5 (1,799)	45.4 (n = 1,264)
Total n	664	459	1,298	565	722	3,688	2,585

\* Total weighted by state.

† KLN refers to Kano, Lagos, and Nasarawa combined.

**Figure 7.1** Gender parity index for primary school children ages 6-14 and ages 6-11, by state.



### School Retention and Promotion

Table 7.2 reports on repeater rates of schoolchildren per grade, by state and gender. For males, repeater rates were lowest in primary 1 (3%) and highest in primary 3 (7%). For females, primary 1 also had the lowest repeater rate (5%), but primary 4 had the highest (10%). Great variation exists among the states, for both males and females. In FCT, for example, 22% of primary 2 male students repeated, and 15% of primary 3 females repeated. In Lagos, 12% of female students repeated primary 4 and 6% repeated primary 6, compared to 4% of males in primary 4 and 3% of males in primary 6. Overall, Lagos and Bauchi schools reported the lowest repeater rates.

Table 7.3 reports on drop-out rates of school children per grade, by state and gender. Very few schools reported having students that discontinued their education. The drop-out rate among

males was highest in primary 5 (2%) and lowest for primary 1, 3, and 5 with no drop outs (0%). Two percent of females in primary 1 dropped out; no other grades reported female students discontinuing their education.

Figure 7.2 illustrates the combined survival rate of primary school students in Kano, Lagos, and Nasarawa states by cohort. This graph shows the proportion of pupils who move from one grade of primary school to the next. The numbers are based on promotion and retention rates derived from household data and applied to a hypothetical cohort of 1,000 children. Overall, survival was high among all grades (greater than 96%). The survival rates per grade are as follows: primary 1 to primary 2 (P2 in Figure 7.2), 98.8%; primary 2 to primary 3 (P3), 98.5%; primary 3 to primary 4 (P4), 98.3%; primary 4 to primary 5 (P5), 97.1%; and primary 5 to primary 6 (P6), 96.9%.

**Table 7.2** Percentage of Primary School Children Repeaters per Grade, by State and Gender\*

	Bauchi	FCT	Kano	Lagos	Nasarawa	Total	KLN <sup>†</sup> Total
<b>Male</b>							
Primary 1	5.3	0.0	4.0	0.0	7.0	2.9	2.6
Primary 2	0.0	22.2	11.3	4.4	8.2	7.2	7.7
Primary 3	6.5	3.3	13.9	0.0	6.8	7.3	7.7
Primary 4	0.0	8.6	12.5	4.0	4.0	6.6	7.9
Primary 5	10.0	4.9	15.4	2.8	3.9	7.0	6.9
Primary 6	4.8	0.0	6.0	2.8	5.3	4.0	4.0
<b>Female</b>							
Primary 1	0.0	6.7	9.1	3.1	5.0	4.9	5.6
Primary 2	8.0	7.9	15.4	0.0	9.3	8.1	8.1
Primary 3	6.7	14.8	8.0	0.0	3.3	5.0	4.2
Primary 4	0.0	11.1	13.1	12.1	3.6	10.2	11.9
Primary 5	0.0	13.1	12.5	0.0	9.1	6.7	6.6
Primary 6	5.9	5.0	13.3	5.9	5.0	7.6	8.1

\* Totals weighted by state; *n* equals number of students enrolled in current school year: primary 1=309, primary 2=437, primary 3=440, primary 4=351, primary 5=320, primary 6=246.

† KLN refers to Kano, Lagos, and Nasarawa.

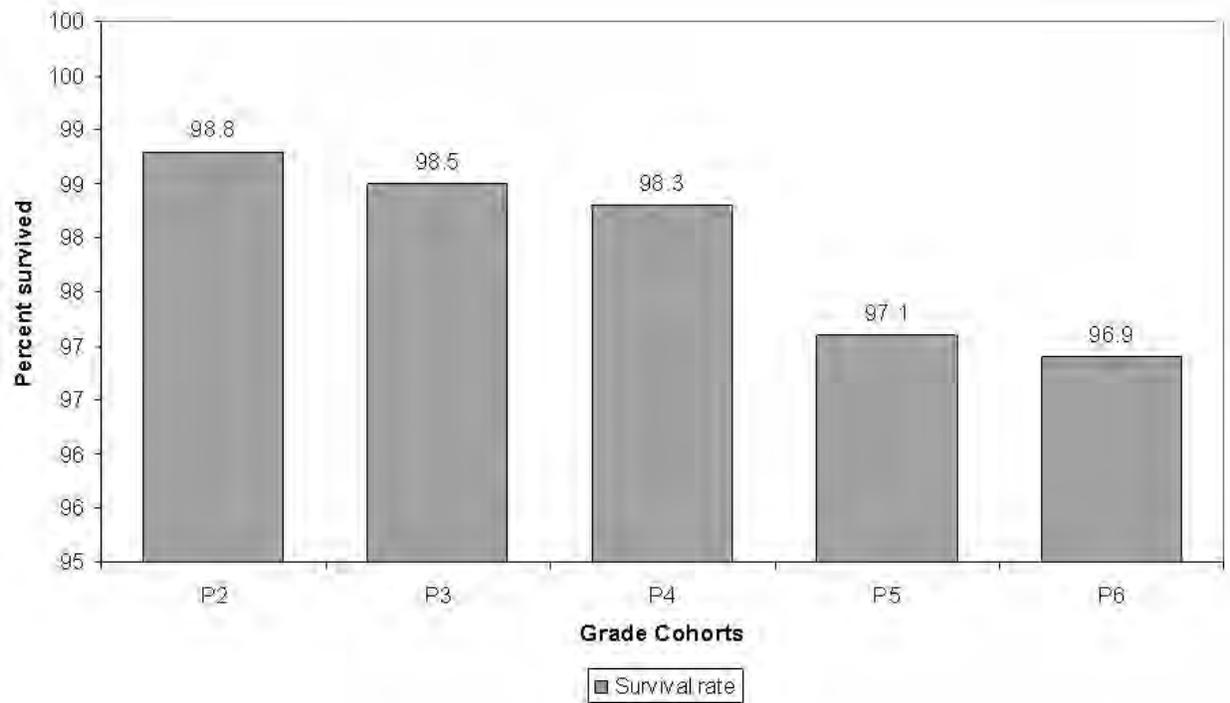
**Table 7.3** Percentage of Primary School Children Drop Outs per Grade, by State and Gender\*

	Bauchi	FCT	Kano	Lagos	Nasarawa	Total	KLN <sup>†</sup> total
<b>Male</b>							
Primary 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary 2	0.0	3.9	0.0	0.0	0.0	0.3	0.0
Primary 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary 4	0.0	0.0	3.6	0.0	0.0	1.1	1.3
Primary 5	0.0	0.0	4.4	0.0	0.0	1.5	1.8
Primary 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Female</b>							
Primary 1	0.0	0.0	0.0	5.6	0.0	1.9	2.4
Primary 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Primary 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

\* Totals weighted by state; *n* size: primary 1=225, primary 2=253, primary 3=209, primary 4=215, primary 5=155, primary 6=66.

† KLN refers to Kano, Lagos, and Nasarawa.

**Figure 7.2** Survival rate of primary school pupils by cohort: the proportion of pupils who move from one grade of primary school to the next.



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[http://www.who.int/whr/2005/whr2005\\_en.pdf](http://www.who.int/whr/2005/whr2005_en.pdf).



## Appendix A. List of COMPASS Project Local Government Areas

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<b>Bauchi</b>	<b>FCT</b>	<b>Kano</b>	<b>Lagos</b>	<b>Nasarawa</b>
Alkaleri	Abaji	Ajingi	Ajeromi-If	Akwanga
Bauchi	Abuja Mun	Bebeji	Alimosho	Doma
Giade	Bwari	Bichi	Badagary	Karu
Kirfi	Gnagwala	Dala	Beju-Lek	Keana
Misau	Kuje	Gabasawa	Eti Osa	Keffi
Ningi	Kwali	Garko	Ikorodu	Kokona
Taf Bal	State Average	Gaya	Kosofe	Wamba
Zaki		Gwale	Lagos Isl	
		Gwarzo	Lagos Maini	
		Kabo	Mushin	
		Kano Mun	Ojo	
		Kibiya	Oshodi Is	
		Kura	Shomolu	
		Nasarawa	Surulere	
		Tsanyawa		
		Warawa		

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## **Appendix B. Supervisors and Data Collectors**

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### **Bauchi Survey Team**

#### **Supervisors**

1. Prof. A.A. Adewuyi
2. Mr. Lukman Bisiriyu
3. Mr. Gbenga Oyedokun
4. Mr. Ayo Alabi
5. Mr. S.O. Ajadi
6. Mr. O. Orimoogunje
7. Mr. Anthony Dami
8. Mr. M.O. Olawole
9. Dr.(Mrs) Bukola Ojo

#### **Fieldworkers**

1. Ezekiel Daniel
2. Elmina Maina
3. Adamu Rebecca
4. Lois Daniel
5. Yakubu Sarah
6. Jumai Joshua
7. Abigail Yusuf
8. Wakama Regina
9. Hajara Moses John
10. Lekwot Asabe
11. Stella Yusuf
12. Saratu Bukar
13. Grace Usman Leman
14. Emmanuel Amos
15. Ilya Abdullahi
16. Isty Yusuf
17. Dami Fidelis
18. Dami Micheal
19. Adesina Femi
20. Adeoye Ohis
21. Oyedele Opeoluwa
22. Dr. Bisola Aina

### **FCT Survey Team**

#### **Supervisors**

1. Prof. A.A. Adewuyi
2. Prof. (Mrs) I.O. Aina
3. Mr. A. Akinlo
4. Dr. O.A. Ajala
5. Ogbe Adeoye
6. Mr. Osesua
7. Mr. Folorunso
8. Mrs. Dora Aregbesola

#### **Fieldworkers**

1. Dr. Humphrey Dkrunkwu
2. Mukhtar Abdullalri
3. Ruth Osakwe
4. Rakiya Idris
5. Maria D.A. Maram
6. Segun Osshogbe
7. Hadiza Aliyu
8. Taiwo Kolawole
9. Aishat Ladan
10. Omoife Betty – Wright
11. Mustapha Abdullahin
12. Lola Ojo
13. Emiola Alnko
14. Liyatu Esubihi
15. Tolu Adedokun
16. Biodun Adeboye
17. Ayoola Johnson
18. Ayo Popoola
19. Rose Tyotswan
20. Ruth Daniel
21. Toyin Aremu

## Kano Survey Team

### Supervisors

1. Prof. A.A. Adewuyi
2. Prof. (Mrs) I.O. Aina
3. Dr. T.O. Obilade
4. Mr. Akanni Akinyemi
5. Mr. Sina Bamiwuye
6. Mr. Segun Adelokun
7. Eng. Joshua Adelokun
8. Mr. Segun Adelokun
9. Mr. Titus Adisa
10. Mr. Thomas Ajibola
11. Mr. L. Ikuteyijo
12. Mr. Opatola
13. Dr. A. Adediji
14. Mr. Wale Olaopa
15. Mr. Aransiola
16. Mr. Olu Jegede

### Fieldworkers

1. Musa Harina
2. Dauda Mohammed
1. Emmanuel O. Umolo
2. Jamilu Ado
3. Charles Kaskuma
4. Adamu Ketah
5. Ikhelowa Suleiman
6. Nuhu Danliman
7. Bilkisu Jibrin
8. Jummai Shehu
9. Hajara Hassan
10. Maimuna Ladan
11. Maryam Abdullahi
12. Samira A. Tafida
13. Nafisa Abubakar
14. Nadia Abubakar Jibril
15. Hajara Shuaibu
16. Safiyya Adam
17. Madinat Ibrahim
18. Hauwa Bello
19. Hadiza Ali
20. Ummu Suleiman
21. Madina Fatima Shehu
22. Maimuna Yahaya
23. Hafsat Yakasai
24. Bilkisu Hassan
25. Maimuna Abdullahi
26. Ladidi Suleiman
27. Kaltume Suweed
28. Maimuna Shehu
29. Hadiza Abdulkadir
30. Aishatu Tafida
31. Ilhamatu Tukur
32. Habiba Nafiu
33. Hadiza Ado
34. Halima Shittu
35. Khadija Suleiman
36. Eunice Emmanuel
37. Shade Balogun
38. Aishat Adamu
39. Erina Emmanuel
40. Mary Yani

## Lagos Survey Team

### Supervisors

1. Prof. A.A. Adewuyi
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6. Dr. Akintokun
7. Eng. Joshua Adelokun
8. Mr. Yinka Adesina
9. Mr. Shola Adeyemi
10. Mrs Adeyemi
11. Mr. Akeem Babatunde
12. Dr. A.B. Adeyemi

### Fieldworkers

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2. M.A. Ogundiran
3. R. Azeez
4. O. Oyetunji
5. K. Oyebamiji
6. T. Adeyanju
7. A. Odeyemi
8. A. Ajayi
9. A. Ajadi
10. M. Ipaye
11. O. Sulaimon
12. F. Omofioye
13. N. Akhidenor
14. F. Alesunmi
15. J. Victory
16. U. Oagbai
17. A. Mohammed
18. A. Adeniyi
19. R. Oyelere
20. O. Oluwatope
21. S. Adejumo
22. A. Adeniji
23. A. Aregbeshola
24. R. Ogunbameru
25. O. Akinyemi
26. A. Akapo
27. K. Afuwape
28. V. Adeyemi
29. A. Taiwo
30. A. Adeoye
31. A. Awogbade
32. T. Nanakumo
33. N. Owolewa
34. T. Dorotoye
35. O. Onasanya
36. T. Ajibade
37. T. Oladokun
38. R. Pitan
39. A. Atat
40. S. Adeyemi
41. R. Adebiyi

## Nasarawa Survey Team

### Supervisors

1. Prof. A.A. Adewuyi
2. Prof. F.A. Adesina
3. Mr. Sola Asa
4. Mr. S. Adeoye
5. Dr. T.O. Odekunle
6. Director, Nasarawa
7. Dr.(Mrs) O.O. Obilade
8. Mrs. M. Omosule
9. Mr. Dele Faleye

### Fieldworkers

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2. Justina Bokah
3. Salamatu Oga
4. A.R. Akeem
5. Esther Jaar
6. J. Anzaku
7. Tanz E.D.
8. S. Sakuma
9. Gyang Dung
10. Felicia Idakula
11. Esther Shade
12. Esther Auta
13. Hannah David
14. Talatu Edom
15. Esther Yiga
16. Atsche T.
17. Samaila N.J.
18. Bako Tuta
19. Martina Danjuma
20. Mary Gogo

# Appendix C. Household Survey Questionnaire

## MEASURE EVALUATION BASELINE HEALTH AND EDUCATION SURVEY 2005 for COMPASS PROJECT INDIVIDUAL FEMALE/MALE QUESTIONNAIRE

QUESTIONNAIRE IDENTIFICATION NUMBER																									
Numbering of questionnaires: Bauchi 0001 – 0650 FCT 0651-1300 Kano 1301-2600 Lagos 2601-3900 Nasarawa 3901-4550																									
COMMUNITY NAME _____								<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>																	
NAME OF HOUSEHOLD HEAD _____																									
EA NUMBER .....																									
HOUSEHOLD NUMBER .....																									
LGA																									
Bauchi :		FCT :		Kano :		Lagos:		Nasarawa:																	
Alkaleri	01	Abaji	09	Ajingi	15	Ajeromi-If	31	Akwanga	45																
Bauchi	02	Abuja	10	Bebeji	16	Alimosho	32	Doma	46																
Giade	03	Mun		Bichi	17	Badagary	33	Karu	47																
Kirfi	04	Bwari	11	Dala	18	IBeju-Lek	34	Keana	48																
Misau	05	Gnagwala	12	Gabasawa	19	Eti Osa	35	Keffi	49																
Ningi	06	Kuje	13	Garko	20	Ikorodu	36	Kokona	50																
Taf Bal	07	Kwali	14	Gaya	21	Kosofe	37	Wamba	51																
Zaki	08			Gwale	22	Lagos Isl	38																		
				Gwarzo	23	Lagos																			
				Kabo	24	Maini	39																		
				Kano Mun	25	Mushin	40																		
				Kibiya	26	Ojo	41																		
				Kura	27	Oshodi Is	42																		
				Nasarawa	28	Shomolu	43																		
				Tsanyawa	29	Surulere	44																		
				Warawa	30																				
URBAN/SEMI-URBAN/RURAL (URBAN=1,SEMI-URBAN = 2, RURAL=3).....																									
SEX (FEMALE=1 MALE=2) .....																									
FIRST NAME OF WOMAN/MAN _____																									
INTERVIEWER VISITS																									
		1		2		3		FINAL VISIT																	
DATE								DAY	<table border="1" style="width: 20px; height: 20px; border-collapse: collapse;"> <tr><td style="width: 10px; height: 10px;"></td><td style="width: 10px; height: 10px;"></td></tr> </table>																
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							RESULT*	<table border="1" style="width: 20px; height: 20px; border-collapse: collapse;"> <tr><td style="width: 10px; height: 10px;"></td><td style="width: 10px; height: 10px;"></td></tr> </table>																	
NEXT VISIT:	DATE								<table border="1" style="width: 20px; height: 20px; border-collapse: collapse;"> <tr><td style="width: 10px; height: 10px;"></td><td style="width: 10px; height: 10px;"></td></tr> </table>																
	TIME																								
								TOTAL NO. OF VISITS	<table border="1" style="width: 20px; height: 20px; border-collapse: collapse;"> <tr><td style="width: 10px; height: 10px;"></td><td style="width: 10px; height: 10px;"></td></tr> </table>																
*RESULT CODES:																									
	1	COMPLETED		4	REFUSED																				
	2	NOT AT HOME		5	PARTLY COMPLETED		7	OTHER																	
	3	POSTPONED		6	INCAPACITATED																				
(SPECIFY)																									

**QUESTIONNAIRE IDENTIFICATION NUMBER**

Numbering of questionnaires: Bauchi 0001 – 0650 FCT 0651-1300 Kano 1301-2600  
Lagos 2601-3900 Nasarawa 3901-4550

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HAUSA                      YORUBA

ENGLISH

LANGUAGE OF INTERVIEW    1            2            3

NATIVE LANGUAGE OF RESPONDENT    1            2            3

SUPERVISOR		OFFICE EDITOR		KEYED BY	
NAME _____	<input type="text"/>				
DATE _____	<input type="text"/>				

LINE NO.	USUAL RESIDENTS AND VISITORS	RELATIONSHIP TO HEAD OF HOUSEHOLD	SEX		RESIDENCE		AGE	ELIGIBILITY		
			Is (NAME) male or female?	Does (NAME) usually live here?	Did (NAME) stay here last night?	How old is (NAME) as of last birthday?		CIRCLE LINE # OF ALL WOMEN AGE 15-49	CIRCLE LINE # OF ALL MEN AGE 15-69	CIRCLE LINE 3 OF ALL CHILDREN UNDER 5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8A)	(9)	
01		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
02		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
03		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
04		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
05		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
06		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
07		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
08		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
09		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
10		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
11		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
12		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	
13		<input type="text"/>	M F 1 2	YES NO 1 2	YES NO 1 2	<input type="text"/>	01	01	01	

14		<input type="checkbox"/> <input type="checkbox"/>	M F	YES NO	YES NO	<input type="checkbox"/> <input type="checkbox"/>	01	01	01
			1 2	1 2	1 2				
15		<input type="checkbox"/> <input type="checkbox"/>	M F	YES NO	YES NO	<input type="checkbox"/> <input type="checkbox"/>	01	01	01
			1 2	1 2	1 2				

\* CODES FOR Q.3 RELATIONSHIP TO HEAD OF HOUSEHOLD:

01= HEAD	08= BROTHER OR SISTER
02=WIFE OR HUSBAND	09=BROTHER OR SISTER-IN-LAW
03= SON OR DAUGHTER	10=OTHER RELATIVE
04= SON-IN-LAW OR DAUGHTER-IN-LAW	11=ADOPTED/FOSTER STEPCHILD
05=GRANDCHILD	12= NOT RELATED
06=PARENT	98= DON'T KNOW
07=PARENT-IN-LAW	

LINE NO.	EDUCATION									
	IF AGE 6-14									
	Is (NAME) currently attending school?		During the current school year, did (NAME) attend school at any time?		During the current school year, what level and class/year [is/was] (NAME) attending? **		During the previous school year, did (NAME) attend school at any time?		During that school year, what level and class/year did (NAME) attend? **	
(10)		(11)		(12)		(13)		(14)		
01	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
02	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
03	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
04	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
05	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
06	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
07	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
08	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
09	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
10	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
11	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
12	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
13	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
14	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2 → NEXT LINE	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					
15	YES NO 1 → 2 GO TO 12	YES NO 1 2 → GO TO 13	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>	YES NO 1 2	LEVEL CLASS/YEAR <input type="checkbox"/> <input type="checkbox"/>					

\*\*CODES FOR Qs. 12 AND 14

EDUCATION LEVEL:  
0=PRE-PRIMARY  
1= PRIMARY  
2=SECONDARY  
8=DON'T KNOW

EDUCATION CLASS:  
00=LESS THAN 1 YEAR COMPLETED  
98= DON'T KNOW

**TABLE OF RANDOM NUMBERS**

**SELECTION CRITERIA**

**SELECTION GIRD**

**ELIGIBLE RESPONDENTS**

**SEX**

1.	-----	-----	8	6	0	2	7	0	6	5	9	9	0
2.	-----	-----	6	5	5	1	5	0	5	3	2	1	9
3.	-----	-----	1	6	8	1	8	2	5	4	4	3	9
4.	-----	-----	4	4	2	8	8	0	9	9	5	6	2
5.	-----	-----	7	2	9	0	5	5	6	0	4	3	0
6.	-----	-----	1	2	2	3	4	9	0	5	1	1	3
7.	-----	-----	3	7	0	3	9	8	3	2	2	0	9
8.	-----	-----	9	4	2	9	9	3	9	6	9	5	2
9.	-----	-----	6	3	6	9	2	7	3	7	8	8	9
10.	-----	-----	7	4	3	3	4	5	8	3	3	3	2

**SECTION 1. RESPONDENT'S BACKGROUND**

**INTRODUCTION AND CONSENT**

<b>READ INFORMED CONSENT FORM</b>	
May I begin the interview now?	
Signature of interviewer: _____	Date: _____
<b>RESPONDENT AGREES TO BE INTERVIEWED .....1</b>	<b>RESPONDENT DOES NOT AGREE TO BE INTERVIEWED ....2 →END</b>
V	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
101	<b>RECORD THE TIME (START OF INTERVIEW).</b>	HOUR ..... <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> MINUTES ..... <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table>	
102	How long have you been living continuously in <b>(NAME OF PRESENT PLACE OF RESIDENCE)?</b> <b>IF LESS THAN ONE YEAR, RECORD '00' YEARS.</b>	YEARS ..... <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ALWAYS ..... 95 VISITOR ..... 96	
103	In what month and year were you born?	MONTH ..... <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> DON'T KNOW MONTH ..... 98 YEAR ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> DON'T KNOW YEAR ..... 9998	
104	How old were you at your last birthday? <b>COMPARE AND CORRECT 103 AND/OR 104 IF INCONSISTENT.</b>	AGE IN COMPLETED YEARS <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> DON'T KNOW ..... 98	
105	Have you ever attended school?	YES ..... 1 NO ..... 2	→114
106	<b>CHECK RESPONDENTS AGE IN 104</b>	25-49 ..... 15-24 ..... 2	→112
107	Are you presently attending school?	YES ..... 1 NO ..... 2	→109
108	During the current school year, did you attend school at any time?	YES ..... 1 NO ..... 2	→110
109	During the current school year, what level of school and class are you attending? <b>PROBE TO FIND OUT THE LEVEL. IF THE RESPONDENT SAYS THEY ARE ATTENDING A CONTINUING EDUCATION CENTRE, FIND OUT WHAT LEVEL THEY ARE ATTENDING AND CIRCLE THE APPROPRIATE CODE. IF THEY ARE ATTENDING AN ADULT LITERACY PROGRAM, CIRCLE THE APPROPRIATE PRIMARY CODE.</b>	LEVEL: QU'RANIC PRIMARY ..... 1 ISLAMIYA PRIMARY ..... 2 PRIMARY ..... 3 SOME PRIMARY ..... 4 JUNIOR SECONDARY (JSS) ..... 5 SENIOR SECONDARY (SSS) ..... 6 SECONDARY SCHOOL (WAEC) ..... 7 POST SECONDARY SCHOOL ..... 8 CLASS/FORM ..... <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table>	
110	During the previous school year, did you attend school at any time?	YES ..... 1 NO ..... 2	→112

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
111	During that school year, what level and class were you attending?  <b>FOLLOW THE SAME PROBING DIRECTIONS AS IN Q109.</b>	LEVEL: QU'RANIC PRIMARY ..... 1 ISLAMIYA PRIMARY ..... 2 PRIMARY ..... 3 SOME PRIMARY ..... 4 JUNIOR SECONDARY (JSS) ..... 5 SENIOR SECONDARY (SSS) ..... 6 SECONDARY SCHOOL (WAEC) ..... 7 POST SECONDARY SCHOOL ..... 8  CLASS/FORM..... <input type="checkbox"/>	
112	What is the highest level of school you attended: primary, secondary, or higher?	QU'RANIC PRIMARY ..... 1 ISLAMIYA PRIMARY ..... 2 PRIMARY ..... 3 SOME PRIMARY ..... 4 JUNIOR SECONDARY (JSS) ..... 5 SENIOR SECONDARY (SSS) ..... 6 SECONDARY SCHOOL (WAEC) ..... 7 POST SECONDARY SCHOOL ..... 8	
113	What is the highest class/form that you attended at that level?	CLASS/FORM..... <input type="checkbox"/>	
114	In the last 12 months, have you done any paid job?	YES ..... 1 NO ..... 2	
115	Are you presently working?	YES ..... 1 NO ..... 2	→117
116	Are you paid or do you earn in cash or in-kind for this work or are you not paid at all?	CASH ONLY ..... 1 CASH AND IN-KIND ..... 2 IN-KIND ONLY ..... 3 NOT PAID ..... 4	
117	Do you read a newspaper or magazine almost every day, at least once a week, less than once a week or never at all?	ALMOST EVERY DAY ..... 1 AT LEAST ONCE A WEEK ..... 2 LESS THAN ONCE A WEEK ..... 3 NOT AT ALL ..... 4	
118	Do you listen to the radio almost every day, at least once a week, less than once a week or not at all?	ALMOST EVERY DAY ..... 1 AT LEAST ONCE A WEEK ..... 2 LESS THAN ONCE A WEEK ..... 3 NOT AT ALL ..... 4	
119	Do you watch television almost every day, at least once a week, less than once a week or not at all?	ALMOST EVERY DAY ..... 1 AT LEAST ONCE A WEEK ..... 2 LESS THAN ONCE A WEEK ..... 3 NOT AT ALL ..... 4	
120	Do you have any daughters whose age is for primary school?	YES ..... 1 NO ..... 2	→125
121	Are these girls presently attending primary school?	NO, NONE ..... 1 SOME ONLY ..... 2 ALL ..... 3	→ 125
122	Do they attend the same primary school?	YES ..... 1 NO ..... 2	
123	What is(are) the name(s) of the school(s) the girls are attending?	School name(s) (specify): School 1: _____ School 2: _____ School 3: _____ School 4: _____	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
124	How satisfied are you with the school(s) they are attending? Not satisfied, somewhat satisfied, very satisfied?  <b>IF MORE THAN ONE SCHOOL, ASK ABOUT THEIR SATISFACTION WITH EACH SCHOOL.</b>	<b>SCHOOL 1:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8 <b>SCHOOL 2:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8 <b>SCHOOL 3:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8 <b>SCHOOL 4:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8	
125	In your own opinion, how important is it that girls complete primary school? Not important, somewhat important, very important?	NOT IMPORTANT.....1 SOMEWHAT IMPORTANT.....2 VERY IMPORTANT.....3 DON'T KNOW.....8	
126	Do you have any sons whose age is for primary school ?	YES ..... 1 NO ..... 2	→ 131
127	Are these boys presently attending primary school?	NO, NONE.....1 SOME ONLY.....2 ALL.....3	→ 131
128	Do they attend the same primary school?	YES ..... 1 NO.....2	
129	What is(are) the name(s) of the school(s) the boys are attending?	School name(s) (specify): School 1: _____ School 2: _____ School 3: _____ School 4: _____	
130	How satisfied are you with the school(s) they are attending? Not satisfied, somewhat satisfied, very satisfied?  <b>IF MORE THAN ONE SCHOOL, ASK ABOUT THEIR SATISFACTION WITH EACH SCHOOL.</b>	<b>SCHOOL 1:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8 <b>SCHOOL 2:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8 <b>SCHOOL 3:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8 <b>SCHOOL 4:</b> NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'T KNOW.....8	
131	In your own opinion, how important is it that boys complete primary school? Not important, somewhat important, very important?	NOT IMPORTANT.....1 SOMEWHAT IMPORTANT.....2 VERY IMPORTANT.....3 DON'T KNOW.....8	
132	Have you or your partner attended a community meeting to discuss health or primary school education in the last 6 months,?	YES ..... 1 NO ..... 2 DON'T KNOW.....8	
133	Is there a local organization working on health or education in your community?	YES ..... 1 NO ..... 2 DON'T KNOW.....8	→135 →135

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																					
134	Do you or your partner belong to that organization?	YES, BOTH BELONG .....1 YES, RESPONDENT BELONGS.....2 YES, PARTNER BELONGS.....3 NO, NEITHER BELONG.....4																						
135	Do you or your partner belong to a local parent-teacher association (PTA)?	YES ..... 1 NO ..... 2 DON'T KNOW.....8																						
136	What is your religion?	CATHOLIC ..... 1 PROTESTANT ..... 2 OTHER CHRISTIAN ..... 3 ISLAM ..... 4 TRADITIONALIST ..... 5  OTHER _____ 96 (SPECIFY)																						
137	What is your ethnic group?  <b>RECORD THE ETHNIC GROUP MENTIONED.</b>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>																						
138a -e	In your household do you have:  a) A refrigerator? b) Electricity c) Piped water d) Well water (in residence/yard/plot) e) A flush toilet	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">YES</th> <th style="width: 20%; text-align: center;">NO</th> </tr> </thead> <tbody> <tr> <td>a) REFRIGERATOR .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b) ELECTRICITY .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>c) PIPED WATER .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>d) WELL WATER .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>e) FLUSH TOILET .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>		YES	NO	a) REFRIGERATOR .....	1	2	b) ELECTRICITY .....	1	2	c) PIPED WATER .....	1	2	d) WELL WATER .....	1	2	e) FLUSH TOILET .....	1	2				
	YES	NO																						
a) REFRIGERATOR .....	1	2																						
b) ELECTRICITY .....	1	2																						
c) PIPED WATER .....	1	2																						
d) WELL WATER .....	1	2																						
e) FLUSH TOILET .....	1	2																						
139a -f	Do you or any member of your household own:  a) A bicycle? b) A motorcycle? c) A car? d) A television? e) A radio? f) A telephone/cellular phone?	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">YES</th> <th style="width: 20%; text-align: center;">NO</th> </tr> </thead> <tbody> <tr> <td>a) BICYCLE.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b) MOTORCYCLE.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>c) CAR.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>d) TELEVISION .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>e) RADIO.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>f) TEL/CELL .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>		YES	NO	a) BICYCLE.....	1	2	b) MOTORCYCLE.....	1	2	c) CAR.....	1	2	d) TELEVISION .....	1	2	e) RADIO.....	1	2	f) TEL/CELL .....	1	2	
	YES	NO																						
a) BICYCLE.....	1	2																						
b) MOTORCYCLE.....	1	2																						
c) CAR.....	1	2																						
d) TELEVISION .....	1	2																						
e) RADIO.....	1	2																						
f) TEL/CELL .....	1	2																						

**SECTION 2: REPRODUCTION**

201	<b>IF FEMALE RESPONDENT, ASK:</b> Now I would like to ask you about all the births you have had during your life. Have you ever given birth?  <b>IF MALE RESPONDENT, ASK:</b> Do you have any children?	YES ..... 1 NO ..... 2  YES ..... 1 NO ..... 2	→214  →216
202	<b>IF FEMALE RESPONDENT, ASK:</b> How many sons have you given birth to? (INCLUDES LIVE BIRTHS AND STILLBORNS)  <b>IF MALE RESPONDENT, ASK:</b> How many sons do you have?	NUMBER <input type="text"/> <input type="text"/>	
203	<b>IF FEMALE RESPONDENT, ASK:</b> How many daughters have you given birth to? (INCLUDES LIVE BIRTHS AND STILLBORNS)  <b>IF MALE RESPONDENT, ASK:</b> How many daughters do you have?	NUMBER <input type="text"/> <input type="text"/>	
<b>FOR MALE RESPONDENTS, SKIP TO Q213.</b>			<b>MALES →213</b>

Now I would like to record the names of your children born in the past five years, whether still alive or not, starting with the one who was born **last**. These are the births that you have had since July 2000. **IF THE RESPONDENT DOES NOT HAVE ANY CHILDREN THAT WERE BORN IN THE LAST FIVE YEARS, SKIP TO 213. RECORD NAMES OF ALL THE BIRTHS IN 204. RECORD TWINS AND TRIPLETS ON SEPARATE LINES.**

204	205	206	207	208	209	210	211	212
What name was given to your baby?  (NAME)	Were any of these births twins?  CIRCLE CORRECT ANSWER	Is (NAME) a boy or a girl?	In what month and year was (NAME) born?  PROBE: What is his/her birthday?	Is (NAME) still alive?  CIRCLE CORRECT ANSWER	How old was (NAME) at his/her last birthday?  RECORD AGE IN COMPLETED YEARS.	Is (NAME) living with you?	How old was (NAME) when he/she died?  IF '1 YR', PROBE: How many months old was (NAME)? RECORD DAYS IF LESS THAN 1 MONTH; MONTHS IF LESS THAN TWO YEARS; OR YEARS.	Were there any other live births between (NAME OF PREVIOUS BIRTH) and (NAME)?
01-LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> <input type="text"/> YEAR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	YES ....1 NO .....2   V 211	AGE IN YEARS <input type="text"/> <input type="text"/>	YES.....1 NO.....2 ] >204(02)	DAYS.....1 <input type="text"/> <input type="text"/> MONTHS 2 <input type="text"/> <input type="text"/> YEARS....3 <input type="text"/> <input type="text"/>	
02 - SECOND TO LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> <input type="text"/> YEAR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	YES ....1 NO .....2   V 211	AGE IN YEARS <input type="text"/> <input type="text"/>	YES.....1 NO.....2 ] >212	DAYS.....1 <input type="text"/> <input type="text"/> MONTHS 2 <input type="text"/> <input type="text"/> YEARS....3 <input type="text"/> <input type="text"/>	YES .....1 NO .....2
03- THIRD TO LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> <input type="text"/> YEAR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	YES ....1 NO .....2   V 211	AGE IN YEARS <input type="text"/> <input type="text"/>	YES.....1 NO.....2 ] > 212	DAYS.....1 <input type="text"/> <input type="text"/> MONTHS 2 <input type="text"/> <input type="text"/> YEARS....3 <input type="text"/> <input type="text"/>	YES .....1 NO .....2
04 - FOURTH TO LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> <input type="text"/> YEAR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	YES ....1 NO .....2   V 211	AGE IN YEARS <input type="text"/> <input type="text"/>	YES.....1 NO.....2 ] > 212	DAYS.....1 <input type="text"/> <input type="text"/> MONTHS 2 <input type="text"/> <input type="text"/> YEARS....3 <input type="text"/> <input type="text"/>	YES .....1 NO .....2
05- FIFTH TO LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> <input type="text"/> YEAR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	YES ....1 NO .....2   V 211	AGE IN YEARS <input type="text"/> <input type="text"/>	YES.....1 NO.....2 ] > 212	DAYS.....1 <input type="text"/> <input type="text"/> MONTHS 2 <input type="text"/> <input type="text"/> YEARS....3 <input type="text"/> <input type="text"/>	YES .....1 NO .....2

06 - SIXTH TO LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> YEAR <input type="text"/>	YES ....1 NO .....2 V 211	AGE IN YEARS <input type="text"/>	YES.....1 NO.....2 > 212	DAYS.....1 MONTHS 2 YEARS....3	YES .....1 NO .....2
07 - SEVENTH TO LAST BORN	SING ...1 MULT ..2	BOY ..1 GIRL ..2	MONTH <input type="text"/> YEAR <input type="text"/>	YES ....1 NO .....2 V 211	AGE IN YEARS <input type="text"/>	YES.....1 NO.....2 > 212	DAYS.....1 MONTHS 2 YEARS....3	YES .....1 NO .....2

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
213	How old were you when your (first) child was born?	AGE IN YEARS..... <input type="text"/>	
<b>FOR MALE RESPONDENTS, SKIP TO 216</b>			<b>MALE →216</b>
214	Are you pregnant now?	YES .....1 NO .....2 UNSURE .....8	<input type="checkbox"/> →217
215	How many months pregnant are you? <b>RECORD NUMBER OF COMPLETED MONTHS.</b>	MONTHS <input type="text"/>	
216	<b>IF FEMALE RESPONDENT, ASK:</b> At the time you became pregnant, did you want to become pregnant <u>then</u> , did you want to wait until <u>later</u> , or did you <u>not want</u> to have any (more) children at all? <b>IF MALE RESPONDENT, ASK:</b> Do you want any(more) children now/soon, do you want children later, or do you want to have any (more) children at all?	THEN/NOW/SOON .....1 LATER .....2 NOT AT ALL .....3	
<b>FOR MALE RESPONDENTS, SKIP TO 218</b>			<b>MALE →218</b>
217	In addition to the pregnancies that resulted in live births, did you have any pregnancy that miscarried, was aborted, or ended in a stillbirth?	YES .....1 NO .....2	
218	Now, I would like to ask you some questions about a woman's fertility. From one menstrual period to the next, are there certain days when a woman is more likely to become pregnant if she has sexual relations?	YES .....1 NO .....2 DON'T KNOW .....8	<input type="checkbox"/> →301
219	Is this time just before her period begins, during her period, right after her period has ended, or halfway between two periods?	JUST BEFORE HER PERIOD BEGINS....1 DURING HER PERIOD .....2 RIGHT AFTER HER PERIOD HAS ENDED.....3 HALFWAY BETWEEN TWO PERIODS....4 OTHER .....6 (SPECIFY) DON'T KNOW .....8	

**SECTION 3. CONTRACEPTION**

Now I would like to talk about family planning - the various ways or methods that a couple can use to delay or avoid a pregnancy. **CIRCLE CODE 1 IN 301 FOR EACH METHOD MENTIONED SPONTANEOUSLY. FOR EACH METHOD WITH CODE 1 CIRCLED IN 301, ASK 302.**

301	Which ways or methods have you heard about? <b>RECORD ALL METHODS MENTIONED SPONTANEOUSLY.</b> Any other one? <b>KEEP ASKING THE RESPONDENT "ANYTHING ELSE?" UNTIL SHE/HE RESPONDS "NOTHING ELSE."</b>	302	Have you or your partner ever used (METHOD)?
01	FEMALE STERILIZATION Women can have an operation to avoid having any more children.	YES..... 1 NO ..... 2	Have you/your partner ever had an operation to avoid having any more children? YES..... 1 NO ..... 2
02	MALE STERILIZATION Men can have an operation to avoid having any more children.	YES..... 1 NO ..... 2	Have you/your partner had an operation to avoid having any more children? YES..... 1 NO ..... 2
03	PILL Women can take a pill every day to avoid becoming pregnant.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
04	IUD Women can have a loop or coil placed inside them by a doctor or a nurse to avoid pregnancy.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
05	INJECTABLES Women can have an injection by a health provider which stops them from becoming pregnant for one or more months.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
06	IMPLANTS Women can have several small rods placed in their upper arm by a doctor or nurse which can prevent pregnancy for one or more years.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
07	MALE CONDOM Men can put a rubber sheath on their penis before sexual intercourse to avoid pregnancy.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
08	FEMALE CONDOM Women can place a sheath in their vagina before sexual intercourse.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
09	DIAPHRAGM Women can place a thin flexible disk in their vagina before intercourse to avoid pregnancy.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
10	FOAM OR JELLY Women can place a suppository, jelly, or cream in their vagina before intercourse.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
11	LACTATIONAL AMENORRHEA METHOD (LAM) Up to 6 months after childbirth, a woman can use a method that requires that she breastfeeds exclusively, day and night, and that her menstrual period has not returned.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
12	RHYTHM OR PERIODIC ABSTINENCE Every month that a woman is sexually active she can try to avoid pregnancy by not having sexual intercourse on the days of the month she is most likely to get pregnant.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
13	WITHDRAWAL Men can be careful and pull out before climax to avoid pregnancy.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
14	EMERGENCY CONTRACEPTION Women can take pills up to three days after sexual intercourse to avoid becoming pregnant.	YES..... 1 NO ..... 2	YES..... 1 NO ..... 2
15	Have you heard of any other ways or methods that women or men can use to avoid pregnancy?  _____ (SPECIFY)  _____ (SPECIFY)	YES..... 1   NO ..... 2	YES..... 1 NO ..... 2  YES..... 1 NO ..... 2
303	CHECK 302: NOT A SINGLE "YES" (NEVER USED) <input type="checkbox"/> v      AT LEAST ONE "YES" (EVER USED) <input type="checkbox"/> _____		---304



NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																												
310a 310b	<p><b>IF STERILIZED, ASK:</b> In what month and year were you sterilized?</p> <p><b>IF NOT STERILIZED, ASK:</b> For how long have you been using (<b>CURRENT METHOD</b>) now without stopping? <b>PROBE:</b> In what month and year did you start using (<b>CURRENT METHOD</b>) continuously?</p>	<p>MONTH..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table></p> <p>YEAR..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table></p>																													
311	Where did you obtain ( <b>CURRENT METHOD</b> ) when you started using it?	<p>PUBLIC SECTOR</p> <p>GOVT. HOSPITAL.....1</p> <p>GOVT. HEALTH CENTER .....2</p> <p>FAMILY PLANNING CLINIC .....3</p> <p>MOBILE CLINIC .....4</p> <p>COMMUNITY HEALTH WORKER .....5</p> <p>OTHER PUBLIC.....6</p> <p>PRIVATE MEDICAL SECTOR</p> <p>PRIVATE HOSPITAL/CLINIC.....7</p> <p>PHARMACY .....8</p> <p>PRIVATE DOCTOR.....9</p> <p>MOBILE CLINIC .....10</p> <p>COMMUNITY HEALTH WORKER .....11</p> <p>OTHER PRIVATE MEDICAL .....12</p> <p style="text-align: center;">(SPECIFY)</p> <p>OTHER SOURCE</p> <p>PMV.....13</p> <p>SHOP.....14</p> <p>CHURCH .....15</p> <p>FRIEND/RELATIVE .....16</p> <p>NGO.....17</p> <p>OTHER .....18</p> <p style="text-align: center;">(SPECIFY)</p>																													
312	<p>You first obtained (<b>CURRENT METHOD FROM 308A</b>) from (<b>SOURCE OF METHOD FROM 311</b>).</p> <p>During that visit, who did you see? That is, who did you spend the most time with when you first obtained your current method?</p> <p><b>CIRCLE THE TYPE OF PROVIDER WITH WHOM THE RESPONDENT SPENT THE MOST TIME.</b></p>	<p>DOCTOR.....1</p> <p>NURSE.....2</p> <p>MIDWIFE.....3</p> <p>CHO.....4</p> <p>CHEW.....5</p> <p>PMV.....6</p> <p>OTHER.....7</p> <p style="text-align: center;">SPECIFY</p> <p>DON'T KNOW/DON'T REMEMBER.....8</p>																													
313a-f	<p>During that visit, did the provider you saw (<b>PERSON SEEN Q312</b>) :</p> <p>a) Greet you?</p> <p>b) Respond to your questions/health concerns?</p> <p>c) Explain possible side effect or problems you might have with the method?</p> <p>d) Explain what to do about side effects?</p> <p>e) Tell you when to return for the next visit?</p> <p>f) Treat you with respect?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 10%;">YES</th> <th style="width: 10%;">NO</th> <th style="width: 20%;">DK/DR</th> </tr> </thead> <tbody> <tr> <td>a) GREET YOU.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> <tr> <td>b) RESP TO CONCERN....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> <tr> <td>c) EXPLAIN SIDE EFF...</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> <tr> <td>d) EXPLAIN WHAT TO DO FOR SIDE EFF.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> <tr> <td>e) WHEN RETURN VISIT</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> <tr> <td>f) TREAT WITH RESPECT</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> </tbody> </table>		YES	NO	DK/DR	a) GREET YOU.....	1	2	8	b) RESP TO CONCERN....	1	2	8	c) EXPLAIN SIDE EFF...	1	2	8	d) EXPLAIN WHAT TO DO FOR SIDE EFF.....	1	2	8	e) WHEN RETURN VISIT	1	2	8	f) TREAT WITH RESPECT	1	2	8	
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314	How satisfied were you with the services during that visit? Not satisfied, somewhat satisfied, or very satisfied?	<p>NOT SATISFIED.....1</p> <p>SOMEWHAT SATISFIED.....2</p> <p>VERY SATISFIED.....3</p> <p>DON'TKNOW.....8</p>																													
315	In the last 12 months, have you visited a health facility for family planning information or services?	<p>YES.....1</p> <p>NO.....2</p>	—>320																												

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																												
316	What type of facility (facilities) did you visit?  <b>CIRCLE ALL MENTIONED.</b>	PUBLIC SECTOR GOVT. HOSPITAL.....A GOVT. HEALTH CENTER .....B FAMILY PLANNING CLINIC .....C MOBILE CLINIC .....D COMMUNITY HEALTH WORKER .....E  OTHER PUBLIC _____ F (SPECIFY)  PRIVATE MEDICAL SECTOR PRIVATE HOSPITAL/CLINIC.....G PHARMACY .....H PRIVATE DOCTOR.....I MOBILE CLINIC .....J COMMUNITY HEALTH WORKER .....K OTHER PRIVATE MEDICAL _____ L  PMV.....M																													
317	The <u>last</u> time you visited a facility for family planning information or services, who did you see? That is, who did you spend the most time with the <u>last</u> time you visited this facility for family planning information or services?	DOCTOR.....1 NURSE.....2 MIDWIFE.....3 CHO.....4 CHEW.....5 PMV.....6 OTHER.....7 SPECIFY DON'T KNOW/DON'T REMEMBER.....8																													
318a-f	During that visit, did the provider ( <b>PERSON SEEN IN 317</b> ): a) Greet you? b) Respond to your questions/health concerns? c) If medication was provided, did the provider explain common side effects? d) Explain what to do about side effects? e) Tell you when to return for the next visit? f) Treat you with respect?	<table border="1"> <thead> <tr> <th></th> <th>YES</th> <th>NO</th> <th>DK/DR</th> </tr> </thead> <tbody> <tr> <td>a) GREET YOU.....</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>b) RESP TO CONCERN.</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>c) EXPLAIN SIDE EFF...</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>d) EXPLAIN WHAT TO DO FOR SIDE EFF.....</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>e) WHEN RETURN VISIT...</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>f) TREAT WITH RESPECT.....</td> <td>1</td> <td>2</td> <td>8</td> </tr> </tbody> </table>		YES	NO	DK/DR	a) GREET YOU.....	1	2	8	b) RESP TO CONCERN.	1	2	8	c) EXPLAIN SIDE EFF...	1	2	8	d) EXPLAIN WHAT TO DO FOR SIDE EFF.....	1	2	8	e) WHEN RETURN VISIT...	1	2	8	f) TREAT WITH RESPECT.....	1	2	8	
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319	How satisfied were you with the services? Not satisfied, somewhat satisfied, or very satisfied?	NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'TKNOW.....8																													
320	Do you know of a place where you can obtain a method of family planning?	YES.....1 NO.....2	—322																												
321	Where is that?  Any other place?  <b>RECORD ALL PLACES MENTIONED</b>	PUBLIC SECTOR GOVT. HOSPITAL.....A GOVT. HEALTH CENTER .....B FAMILY PLANNING CLINIC .....C MOBILE CLINIC .....D COMMUNITY HEALTH WORKER .....E  OTHER PUBLIC _____ F (SPECIFY)  PRIVATE MEDICAL SECTOR PRIVATE HOSPITAL/CLINIC.....G PHARMACY .....H PRIVATE DOCTOR.....I MOBILE CLINIC .....J COMMUNITY HEALTH WORKER .....K OTHER PRIVATE MEDICAL _____ L (SPECIFY)  OTHER SOURCE PMV.....M SHOP.....N CHURCH.....O FRIEND/RELATIVE .....P NGO.....Q  OTHER _____ X (SPECIFY)																													
322	Were you visited by a fieldworker, a family planning provider, a traditional birth attendant (TBA) or volunteer health worker who talked to you about family planning in the last 12 months?	YES.....1 NO.....2 DON'T KNOW/DON'T REMEMBER.....3																													

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																												
323	Have you visited a health facility for any other health care for yourself in the last 12 months?	YES.....1 NO.....2	—>328																												
324	What type of facility (facilities) did you visit?  <b>CIRCLE ALL MENTIONED</b>	PUBLIC SECTOR GOVT. HOSPITAL.....A GOVT. HEALTH CENTER .....B FAMILY PLANNING CLINIC .....C MOBILE CLINIC .....D COMMUNITY HEALTH WORKER .....E  OTHER PUBLIC.....F (SPECIFY)  PRIVATE MEDICAL SECTOR PRIVATE HOSPITAL/CLINIC.....G PHARMACY .....H PRIVATE DOCTOR.....I MOBILE CLINIC .....J COMMUNITY HEALTH WORKER .....K OTHER PRIVATE MEDICAL .....L  PMV.....M																													
325	The <u>last</u> time you visited a facility, who did you see?	DOCTOR.....1 NURSE.....2 MIDWIFE.....3 CHO.....4 CHEW.....5 PMV.....6 OTHER.....7  OTHER DON'T KNOW/DON'T REMEMBER.....8																													
326a-f	During that visit, did the provider ( <b>PERSON SEEN IN 325</b> ): a) Greet you? b) Respond to your questions/health concerns? c) If medication was provided, did the provider explain common side effects? d) Explain what to do about side effects? e) Tell you when to return for the next visit? f) Treat you with respect?	<table border="1"> <thead> <tr> <th></th> <th>YES</th> <th>NO</th> <th>DK/DR</th> </tr> </thead> <tbody> <tr> <td>a) GREET YOU.....</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>b) RESP TO CONCERN...</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>c) EXPLAIN SIDE EFF...</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>d) EXPLAIN WHAT TO DO FOR SIDE EFF.....</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>e) WHEN RETURN VISIT...</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>f) TREAT WITH RESPECT</td> <td>1</td> <td>2</td> <td>8</td> </tr> </tbody> </table>		YES	NO	DK/DR	a) GREET YOU.....	1	2	8	b) RESP TO CONCERN...	1	2	8	c) EXPLAIN SIDE EFF...	1	2	8	d) EXPLAIN WHAT TO DO FOR SIDE EFF.....	1	2	8	e) WHEN RETURN VISIT...	1	2	8	f) TREAT WITH RESPECT	1	2	8	
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327	How satisfied were you with the services? Not satisfied, somewhat satisfied, or very satisfied?	NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'TKNOW.....8																													
328	Have you visited a health facility for health care for your children in the last 12 months?	YES.....1 NO.....2	—>333																												
329	What type of facility (facilities) did you visit?  <b>CIRCLE ALL MENTIONED</b>	PUBLIC SECTOR GOVT. HOSPITAL.....A GOVT. HEALTH CENTER .....B FAMILY PLANNING CLINIC .....C MOBILE CLINIC .....D COMMUNITY HEALTH WORKER .....E  OTHER PUBLIC.....F (SPECIFY)  PRIVATE MEDICAL SECTOR PRIVATE HOSPITAL/CLINIC.....G PHARMACY .....H PRIVATE DOCTOR.....I MOBILE CLINIC .....J COMMUNITY HEALTH WORKER .....K OTHER PRIVATE MEDICAL .....L  PMV.....M																													
330	The <u>last</u> time you visited a facility for your children, who did you see? That is, who did you spend the most time with the last time you visited this facility for your children?	DOCTOR.....1 NURSE.....2 MIDWIFE.....3 CHO.....4 CHEW.....5 PMV.....6 OTHER.....7  SPECIFY DON'T KNOW/DON'T REMEMBER.....8																													

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES			SKIP	
331a-f	During that visit, did the provider: a) Greet you? b) Respond to your questions/health concerns? c) If medication was provided, did the provider explain common side effects? d) Explain what to do about side effects? e) Tell you when to return for the next visit? f) Treat you and your child with respect?	a) GREET YOU..... b) RESP TO CONCERN.. c) EXPLAIN SIDE EFF... d) EXPLAIN WHAT TO DO FOR SIDE EFF..... e) WHEN RETURN VISIT.. f) TREAT WITH RESPECT.....	<b>YES</b> 1 1 1 1 1 1	<b>NO</b> 2 2 2 2 2 2	<b>DK/DR</b> 8 8 8 8 8 8	
332	How satisfied were you with the services? Not satisfied, somewhat satisfied, or very satisfied?	NOT SATISFIED.....1 SOMEWHAT SATISFIED.....2 VERY SATISFIED.....3 DON'TKNOW.....8				
333	<b>IF FEMALE RESPONDENT: CHECK Q201 &amp; Q208. IF NO BIRTHS/DEAD, GO TO Q701. IF BIRTHS AND ALIVE, GO TO Q401.            IF MALE RESPONDENT, SKIP TO 701</b>					

SECTION 4. PREGNANCY, ANTENATAL CARE AND BREASTFEEDING

401	<p>Now I am going to ask you some questions about the <b>last</b> child you had.</p> <p>At the time you became pregnant with (NAME), did you want to become pregnant <u>then</u>, did you want to wait until <u>later</u>, or did you <u>not want</u> to have any (more) children at all?</p>	<p>THEN..... 1</p> <p>LATER..... 2</p> <p>NOT AT ALL..... 3</p>
402A	<p>Did you see anyone for antenatal care for this pregnancy?</p> <p><b>IF YES:</b> Whom did you see? Anyone else?</p> <p><b>PROBE FOR THE TYPE OF PERSON AND RECORD ALL PERSONS SEEN.</b></p>	<p>HEALTH PROFESSIONAL</p> <p>DOCTOR ..... A</p> <p>NURSE/MIDWIFE ..... B</p> <p>NURSE ..... C</p> <p>MIDWIFE ..... D</p> <p>AUXILIARY NURSE ..... E</p> <p>CHO ..... F</p> <p>CHEW ..... G</p> <p>OTHER PERSON</p> <p>TRAINED TRADITIONAL BIRTH ATTENDANT ..... H</p> <p>TRADITIONAL BIRTH ATTENDANT ..... I</p> <p>OTHER _____ X (SPECIFY)</p> <p>NO ONE ..... Y→411</p>
402  B	<p>Where did you receive antenatal care for this pregnancy?</p> <p>Anywhere else?</p> <p><b>RECORD ALL PLACES MENTIONED</b></p>	<p>HOME</p> <p>YOUR HOME ..... A</p> <p>OTHER HOME ..... B</p> <p>PUBLIC SECTOR</p> <p>GOVT. HOSPITAL ..... C</p> <p>GOVT. HEALTH CENTER ..... D</p> <p>GOVT. HEALTH POST ..... E</p> <p>MOBILE CLINIC ..... F</p> <p>OTHER PUBLIC _____ G (SPECIFY)</p> <p>PRIVATE MEDICAL SECTOR</p> <p>PVT. HOSPITAL/CLINIC ..... H</p> <p>MOBILE CLINIC ..... I</p> <p>OTHER PVT. MEDICAL _____ J (SPECIFY)</p> <p>CHURCH/SPIRITUAL HOME ..... K</p> <p>OTHER _____ X (SPECIFY)</p>
403	<p>How many months pregnant were you when you first received antenatal care for this pregnancy?</p>	<p>MONTHS ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW/DR..... 98</p>
404	<p>How many times did you receive antenatal care during this pregnancy?</p>	<p>NO. OF TIMES ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW/DR..... 98</p>
405	<p><b>CHECK 404:</b></p> <p><b>NUMBER OF TIMES RECEIVED ANTENATAL CARE</b></p>	<p><b>ONCE</b> <input type="checkbox"/> <b>MORE THAN ONCE OR DK</b> <input type="checkbox"/></p> <p><b>V</b> <b>(SKIP TO 407)</b> <b>V</b></p>
406	<p>How many months pregnant were you the last time you received antenatal care?</p>	<p>MONTHS ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW/DR..... 98</p>

407a-l	During this pregnancy, were any of the following done at least once?		YES	NO
	a) Were you weighed? b) Was your height measured? c) Was your stomach(belly) measured? d) Was your blood pressure measured? e) Did you give a urine sample? f) Did you give a blood sample? g) Were tested for HIV? h) Were you counseled on Voluntary Counseling Testing for HIV? i) Were you counseled on infant feeding options in case of HIV? j) Were counseled to only give your baby breastmilk only? k) Were you counseled on intermittent preventive therapy for malaria (IPT)? l) Were you counseled on how long to wait before bathing a newborn?	a) WEIGHED b) HEIGHT MEASURED c) STOMACH MEASURE d) BLOOD PRESSURE e) URINE SAMPLE f) BLOOD SAMPLE g) TESTED FOR HIV h) COUNS ON VCT i) COUNS INF FEED j) COUNS BREASTMILK k) COUNS IPT l) COUNS BATH NEWB	1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2
408	Were you told about the warning signs of pregnancy complications?	YES ..... 1 NO ..... 2→411 DON'T KNOW ..... 8→411		
409	What are the warning signs of pregnancy complications?  <b>PROBE:</b> Anything else? <b>CIRCLE ALL MENTIONED</b>	BLEEDING.....A FEVER.....B HEADACHE.....C ANAEMIA.....D SWOLLEN FEET/HANDS.....E FLUID LEAKAGE.....F OTHER.....W (SPECIFY)		
410	Were you told where to go if you had these complications?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8		
411	During this pregnancy, were you given an injection in the arm to prevent the baby from getting tetanus, that is, convulsions after birth?	YES ..... 1→413 NO ..... 2 DON'T KNOW ..... 8→414		
412	Why not?	NOT NEEDED.....1 NOT OFFERED.....2 REFUSED.....3 OTHER.....4 (SPECIFY) DK/DR.....8		
413	During this pregnancy, how many times did you get this injection?	TIMES..... <input type="text"/> DON'T KNOW ..... 8		
414	During this pregnancy, were you given or did you buy any iron tablets or iron syrup?	YES ..... 1 NO ..... 2→416 DON'T KNOW ..... 8→416		
415	During the whole pregnancy, for how many days did you take the tablets or syrup?  <b>IF ANSWER IS NOT NUMERIC, PROBE FOR APPROXIMATE NUMBER OF DAYS.</b>	NUMBER OF DAYS..... <input type="text"/> <input type="text"/> <input type="text"/> DON'T KNOW ..... 998		
416	During this pregnancy, were you given intermittent preventive therapy (IPT) for malaria?	YES ..... 1 NO ..... 2→418 DON'T KNOW ..... 8→418		
417	What drugs did you take?  <b>RECORD ALL MENTIONED.</b>	DARAPRIM.....A PALUDRINE.....B FANSIDAR.....C CHLOROQUINE.....D OTHER DRUG.....W (SPECIFY) OTHER TRADITIONAL.....Y DON'T KNOW.....X		

418	<p>Who assisted with the delivery of (<b>NAME</b>)?</p> <p>Anyone else?</p> <p><b>PROBE FOR THE TYPE OF PERSON AND RECORD ALL PERSONS ASSISTING.</b></p> <p><b>IF RESPONDENT SAYS NO ONE ASSISTED, PROBE TO DETERMINE WHETHER ANY ADULTS WERE PRESENT AT THE DELIVERY.</b></p>	<p><b>HEALTH PROFESSIONAL</b></p> <p>DOCTOR.....A</p> <p>NURSE/MIDWIFE.....B</p> <p>NURSE.....C</p> <p>MIDWIFE.....D</p> <p>AUXILIARY MIDWIFE.....E</p> <p>CHEW.....F</p> <p>CHO.....G</p> <p><b>OTHER PERSON</b></p> <p>TRAINED TRADITIONAL BIRTH ATTENDANT.....H</p> <p>TRADITIONAL BIRTH ATTENDANT.....I</p> <p>RELATIVE/FRIEND.....J</p> <p>OTHER _____ X</p> <p>(SPECIFY)</p> <p>NO ONE ..... Y</p>
419	<p>Where did you give birth to (<b>NAME</b>)?</p> <p><b>IF SOURCE IS HOSPITAL, HEALTH CENTER OR CLINIC, WRITE THE NAME OF THE PLACE, PROBE TO IDENTIFY THE TYPE OF SOURCE AND CIRCLE THE APPROPRIATE CODE.</b></p> <p>_____</p> <p>(NAME OF PLACE)</p>	<p>HOME</p> <p>YOUR HOME ..... 1</p> <p>OTHER HOME ..... 2</p> <p>PUBLIC SECTOR</p> <p>GOVT. HOSPITAL ..... 3</p> <p>GOVT. HEALTH CENTER ..... 4</p> <p>GOVT. HEALTH POST ..... 5</p> <p>OTHER PUBLIC _____ 6</p> <p>(SPECIFY)</p> <p>PRIVATE MEDICAL SECTOR</p> <p>PRIVATE HOSPITAL/CLINIC ..... 7</p> <p>OTHER PRIVATE MEDICAL _____ 8</p> <p>(SPECIFY)</p> <p>OTHER _____ 96</p> <p>(SPECIFY)</p>
420	<p>How long after giving birth was (<b>NAME</b>) put to the breast?</p>	<p>LESS THAN 1 HOUR..... 1</p> <p>WITHIN 24 HOURS..... 2</p> <p>MORE THAN 24 HOURS..... 3</p> <p>DID NOT PUT BABY TO BREAST...4</p> <p>DON'T KNOW/DR..... 8</p>
421	<p>How long after giving birth was (<b>NAME</b>) given a bath?</p>	<p>LESS THAN 1 HOUR..... 1</p> <p>WITHIN 24 HOURS..... 2</p> <p>MORE THAN 24 HOURS..... 3</p> <p>DON'T KNOW/DR..... 8</p>
422	<p>Within the first three days after delivery, was (<b>NAME</b>) given anything to eat or drink [including water] other than breast milk?</p>	<p>YES ..... 1</p> <p>NO ..... 2</p> <p>DK/DR ..... 8</p>
423	<p>After (<b>NAME</b>) was born, did a health professional or a traditional birth attendant check on your health?</p>	<p>YES ..... 1</p> <p>NO ..... 2→428</p>
424	<p>How many days or weeks after the delivery did the first check take place?</p> <p><b>RECORD '00' DAYS IF SAME DAY.</b></p>	<p>DAYS AFTER DEL..... 1</p> <p>WEEKS AFTER DEL... 2</p> <p>DON'T KNOW ..... 98</p>


425	Who checked on your health at that time?  <b>CIRCLE MOST QUALIFIED PERSON SEEN.</b>	<b>HEALTH PROFESSIONAL</b> DOCTOR.....1 NURSE/MIDWIFE.....2 NURSE.....3 MIDWIFE.....4 AUXILIARY MIDWIFE.....5 CHO.....6 CHEW.....7  <b>OTHER PERSON</b> TRAINED TRADITIONAL BIRTH ATTENDANT.....8 TRADITIONAL BIRTH ATTENDANT.....9  OTHER _____ 7 (SPECIFY)		
426	Where did this first check take place?  <b>IF SOURCE IS HOSPITAL, HEALTH CENTER OR CLINIC, WRITE THE NAME OF THE PLACE. PROBE TO IDENTIFY THE TYPE OF SOURCE AND CIRCLE THE APPROPRIATE CODE.</b>  _____ (NAME OF PLACE)	<b>HOME</b> YOUR HOME ..... 1 OTHER HOME ..... 2  <b>PUBLIC SECTOR</b> GOVT. HOSPITAL ..... 3 GOVT. HEALTH CENTER ..... 4 GOVT. HEALTH POST ..... 5  OTHER PUBLIC _____ 6 (SPECIFY)  <b>PRIVATE MEDICAL SECTOR</b> PRIVATE HOSPITAL/CLINIC ..... 7 OTHER PRIVATE MEDICAL _____ 8 (SPECIFY)  OTHER _____ 96 (SPECIFY)		
427	When your health was checked, were you counseled on how to feed your baby?	YES ..... 1 NO .....2 DON'T KNOW/DR.....8		
428	In the first two months after delivery, did you receive a vitamin A dose?	YES ..... 1 NO ..... 2 NOT YET (DELIVERY <3 MONTHS) 3 DON'T KNOW/DR.....8		
429	Are you still breastfeeding ( <b>NAME</b> )?	YES ..... 1→430b NO ..... 2 NEVER BREASTFED ..... 1→430b		
430a	For how many months did you breastfeed ( <b>NAME</b> )?	MONTHS ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> DON'T KNOW/DR..... 98		
<b>430b CHECK Q207. IF BABY IS 6 MONTHS OR LESS, ASK Q431-435</b>				
431a	Did ( <b>NAME</b> ) drink anything besides breastmilk from a bottle with a nipple, cup, or spoon yesterday or last night?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8		
431b	Did ( <b>NAME</b> ) eat semi-solid or solid foods other than liquids yesterday or last night?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8		
432	Was sugar added to any of the foods or liquids ( <b>NAME</b> ) ate yesterday or last night?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8		
433	Have you ever heard of the expression "exclusive breastfeeding?"	YES ..... 1 NO ..... 2 → 435 DON'T KNOW ..... 8 → 435		
434	What does exclusive breastfeeding mean?  <b>CIRCLE ALL MENTIONED</b>	GIVE BREASTMILK ONLY(NO WATER).A GIVE BREASTMILK ONLY.....B BREASTMILK ONLY FOR FIRST 6 MONTHS.....C BREASTFEED REGULARLY.....D GIVE BREASTMILK.....E OTHER _____W (SPECIFY) DK/DR..... Z		

435	<p>How long should an infant be given only breastmilk and nothing else, not even water?</p> <p>&lt;4 WEEKS=0 MONTHS</p>	<p>MONTHS ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW ..... 98</p>																											
436	<p>During the last 6 months, did you hear or see any messages on breastfeeding:</p> <p>a) On the radio?</p> <p>b) On the television?</p> <p>c) In a newspaper or magazine?</p> <p>d) From a home visit by a Community Health Worker?</p> <p>e) At the clinic?</p> <p>f) From a PMV?</p> <p>w) From anywhere or from anyone else?</p>	<table border="0"> <thead> <tr> <th></th> <th style="text-align: center;">YES</th> <th style="text-align: center;">NO</th> </tr> </thead> <tbody> <tr> <td>a) RADIO.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b) TELEVISION.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>c) NEWSPAPER OR MAGAZINE .</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>d) COMMUNITY HLTH WKR.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>e) CLINIC .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>f) PMV.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>w) OTHER.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td colspan="3" style="text-align: center;">(SPECIFY)</td> </tr> </tbody> </table>		YES	NO	a) RADIO.....	1	2	b) TELEVISION.....	1	2	c) NEWSPAPER OR MAGAZINE .	1	2	d) COMMUNITY HLTH WKR.....	1	2	e) CLINIC .....	1	2	f) PMV.....	1	2	w) OTHER.....	1	2	(SPECIFY)		
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437	<p>What do you think is the best way a mother can increase the quantity or flow of her breastmilk?</p> <p><b>CIRCLE ALL MENTIONED.</b></p>	<p>BREASTFEED MORE OFTEN.....A</p> <p>BREASTFEED LONGER.....B</p> <p>BREASTFEED MORE OFTEN &amp;LONGER.C</p> <p>GIVE BREASTMILK ONLY.....D</p> <p>MOTHER DRINKS MORE.....E</p> <p>MOTHER EATS SPECIFIC FOODS.....F</p> <p>MESSAGE BREASTS.....G</p> <p>OTHER.....W</p> <p style="text-align: center;">SPECIFY</p> <p>DON'T KNOW/DR.....Z</p>																											

**SECTION 5. VACCINATION, VITAMIN A, MOSQUITO NETS**

<p><b>CHECK 204, 207 AND 209. IF NO CHILDREN UNDER 5 YEARS (0-59 MONTHS) ALIVE AT TIME OF SURVEY, GO TO 701.</b>  <b>IF RESPONDENT HAS CHILDREN ALIVE 0-59 MONTHS, CONTINUE WITH 501.</b></p>			
501	<p><b>ENTER IN THE NAME OF THE LAST TWO CHILDREN BORN WHO ARE UNDER 5 YEARS AND ALIVE AT THE TIME OF THE SURVEY.</b>  <b>BEGIN WITH THIS STATEMENT:</b>          I would now like to ask you questions about the vaccination history of your last two children less than 5 years old, starting with the youngest.</p>		
502	<p>LINE NUMBER FROM 204</p>	<p>LAST BIRTH          LINE NUMBER ..... <input type="text"/> <input type="text"/></p>	<p>NEXT-TO-LAST BIRTH          LINE NUMBER ..... <input type="text"/> <input type="text"/></p>
503	<p>FROM 204 AND 208</p>	<p>NAME _____</p>	<p>NAME _____</p>
		<p><b>FILL IN THIS COLUMN FIRST (504-519), THEN PROCEED TO THE NEXT COLUMN FOR THE NEXT-TO-LAST CHILD.</b></p>	<p><b>IF ONLY ONE CHILD UNDER 5 YEARS, LEAVE THIS COLUMN BLANK AND GO TO 601</b></p>
504	<p>Is it important for children 6-59 months to receive Vitamin A?</p>	<p>YES ..... 1          NO ..... 2          DON'T KNOW ..... 8</p>	
505	<p>Did <b>(NAME)</b> ever receive a Vitamin A dose?</p>	<p>YES ..... 1          NO ..... 2→ 508          DON'T KNOW ..... 8→ 508</p>	<p>YES ..... 1          NO ..... 2→ 508          DON'T KNOW ..... 8→ 508</p>
506	<p>How long ago did <b>(NAME)</b> receive his/her last dose of Vitamin A?</p>	<p>LESS THAN 4 WEEKS AGO ..... 1          1-6 MONTHS AGO ..... 2          MORE THAN 6 MONTHS AGO ..... 3          DON'T KNOW ..... 8</p>	<p>LESS THAN 4 WEEKS AGO ..... 1          1-6 MONTHS AGO ..... 2          MORE THAN 6 MONTHS AGO ..... 3          DON'T KNOW ..... 8</p>
507	<p>Where did <b>(NAME)</b> receive his/her last dose of Vitamin A?</p> <p><b>READ OPTIONS OUT LOUD</b></p>	<p>GOVT PHC/HC/HOSP ..... 1          OUTREACH ..... 2          HOME/SCHOOL DURING NID ..... 3          PRIVATE HEALTH FAC ..... 4          PHARMACY ..... 5          PMV ..... 6          OTHER _____ ..... 7          (SPECIFY)          CAN'T REMEMBER/DK ..... 8</p>	<p>GOVT PHC/HC/HOSP ..... 1          OUTREACH ..... 2          HOME/SCHOOL DURING NID ..... 3          PRIVATE HEALTH FAC ..... 4          PHARMACY ..... 5          PMV ..... 6          OTHER _____ ..... 7          (SPECIFY)          CAN'T REMEMBER/DK ..... 8</p>
508	<p>Do you have a card where <b>(NAME'S)</b> vaccinations are written down?</p> <p><b>IF YES:</b> May I see it please?</p>	<p>YES, SEEN ..... 1→510          YES, NOT SEEN ..... 2→512          NO CARD ..... 3</p>	<p>YES, SEEN ..... 1→510          YES, NOT SEEN ..... 2→510          NO CARD ..... 3</p>
509	<p>Did you ever have a vaccination card for <b>(NAME)?</b></p>	<p>YES ..... 1→512          NO ..... 2→512</p>	<p>YES ..... 1→512          NO ..... 2→512</p>

510	<p>(1) ENTER THE NAME OF EACH BIRTH UNDER AGE 5 AT THE TOP OF EACH COLUMN</p> <p>(2) COPY VACCINATION DATE FOR EACH VACCINE FROM THE CARD AND RECORD IT IN THE APPROPRIATE COLUMN.</p> <p>(3) RECORD EACH YEAR IN 4 DIGITS</p> <p>(4) WRITE '44' IN 'DAY' COLUMN IF CARD SHOWS THAT A VACCINATION WAS GIVEN BUT NO DATE IS RECORDED.</p> <p>(5) WRITE IN '98' IN 'DAY' COLUMN IF ONLY MONTH &amp; YEAR ARE RECORDED (E.G., JAN 2000 WOULD BE RECORDED AS '98' '01' 2000</p>	<p>LAST BIRTH</p> <p>NAME _____</p>	<p>NEXT-T0-LAST BIRTH</p> <p>NAME _____</p>
	<p>BCG</p> <p>POLIO 0 (POLIO GIVEN AT BIRTH)</p> <p>POLIO 1</p> <p>POLIO 2</p> <p>POLIO 3</p> <p>DPT 1</p> <p>DPT 2</p> <p>DPT 3</p> <p>MEASLES</p> <p>VITAMIN A (MOST RECENT)</p> <p>YELLOW FEVER</p>	<p>DAY MONTH YEAR</p> <p>BCG.....</p> <p>P0.....</p> <p>P1.....</p> <p>P2.....</p> <p>P3.....</p> <p>DPT1....</p> <p>DPT2....</p> <p>DPT3....</p> <p>MEA.....</p> <p>VIT. A....</p> <p>YF.....</p>	<p>DAY MONTH YEAR</p> <p>BCG.....</p> <p>P0.....</p> <p>P1.....</p> <p>P2.....</p> <p>P3.....</p> <p>DPT1....</p> <p>DPT2....</p> <p>DPT3....</p> <p>MEA.....</p> <p>VIT. A....</p> <p>YF.....</p>
511	<p>Has <b>(NAME)</b> received any vaccinations that are not recorded on this card, including vaccinations received in a national immunization day campaign?</p> <p><b>RECORD 'YES' ONLY IF RESPONDENT MENTIONS BCG, POLIO 0-3, DPT 1-3, AND/OR MEASLES VACCINE(S).</b></p>	<p>YES ..... 1→</p> <p>PROBE FOR VACCINATIONS AND WRITE '66' IN THE CORRESPONDING DAY COLUMN IN 510, THEN ..... → 514</p> <p>NO ..... 2→514</p> <p>DON'T KNOW ..... 8→514</p>	<p>YES ..... 1→</p> <p>PROBE FOR VACCINATIONS AND WRITE '66' IN THE CORRESPONDING DAY COLUMN IN 510, THEN ..... → 514</p> <p>NO ..... 2→514</p> <p>DON'T KNOW ..... 8→514</p>
512	<p>Did <b>(NAME)</b> ever receive any vaccinations to prevent him/her from getting diseases, including vaccinations received in a national immunization day campaign?</p>	<p>YES ..... 1</p> <p>NO ..... 2→515</p> <p>DON'T KNOW ..... 8→515</p>	<p>YES ..... 1</p> <p>NO ..... 2→515</p> <p>DON'T KNOW ..... 8→515</p>
513	<p>Please tell me if <b>(NAME)</b> received any of the following vaccinations:</p> <p>513A A BCG vaccination against tuberculosis, that is an injection in the arm or shoulder that usually causes a scar?</p> <p>513B Polio vaccine, that is drops in the mouth?</p> <p>513C When was the first polio vaccine received, just after birth or later?</p>	<p>LAST BIRTH NAME</p> <p>_____</p> <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p> <p>YES ..... 1</p> <p>NO ..... 2→513E</p> <p>DON'T KNOW ..... 8→513E</p> <p>JUST AFTER BIRTH ..... 1</p> <p>LATER ..... 2</p>	<p>NEXT-T0-LAST BIRTH NAME</p> <p>_____</p> <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p> <p>YES ..... 1</p> <p>NO ..... 2→513E</p> <p>DON'T KNOW ..... 8→513E</p> <p>JUST AFTER BIRTH ..... 1</p> <p>LATER ..... 2</p>

513D	How many times was the polio vaccine received?	NUMBER OF TIMES ..... <input type="text"/> DK/DR.....8	NUMBER OF TIMES ..... <input type="text"/> DK/DR.....8
513E	A DPT vaccination, that is an injection given in the thigh or buttocks, sometimes at the same time as polio drops?	YES ..... 1 NO .....2→513G DON'T KNOW .....8→513G	YES ..... 1 NO .....2→513G DON'T KNOW .....8→513G
513F	How many times?	NUMBER OF TIMES ..... <input type="text"/> DK/DR.....8	NUMBER OF TIMES ..... <input type="text"/> DK/DR.....8
513G	An injection to prevent measles?	YES ..... 1 NO .....2 DON'T KNOW .....8	YES ..... 1 NO .....2 DON'T KNOW .....8
514	Were any of the vaccinations ( <b>NAME</b> ) received during the last two years given as a part of a national immunization day campaign?	YES ..... 1 NO .....2 NO VACCINATION IN THE LAST 2 YEARS .....3 DON'T KNOW .....8	YES ..... 1 NO .....2 NO VACCINATION IN THE LAST 2 YEARS .....3 DON'T KNOW .....8
515	Did ( <b>NAME</b> ) sleep under a mosquito net last night?	YES.....1 NO.....2→519 DON'T KNOW.....8→519	YES.....1 NO.....2→601 DON'T KNOW.....8→601
516	What is the brand name of the mosquito net ( <b>NAME</b> ) slept under last night?	SUPANET.....1 CYPERNET.....2 NETMARK.....3 OTHER.....4 NO BRAND NAME/ROLL.....5 DO NOT KNOW.....8	SUPANET.....1 CYPERNET.....2 NETMARK.....3 OTHER.....4 NO BRAND NAME/ROLL.....5 DO NOT KNOW.....8
517	Was the mosquito net that ( <b>NAME</b> ) slept under last night ever treated with insecticide to repel mosquitoes or bugs?	YES.....1 NO.....2→519 DON'T KNOW.....8→519	YES.....1 NO.....2→601 DON'T KNOW.....8→601
518	How long ago was the mosquito net that ( <b>NAME</b> ) slept under last night treated with insecticide?	MONTHS AGO ..... <input type="text"/>  DON'T KNOW ..... 98	MONTHS AGO ..... <input type="text"/>  DON'T KNOW ..... 98
519		<b>GO BACK TO Q503 IN NEXT COLUMN; IF NO MORE CHILDREN UNDER 5 YEARS, GO TO 601</b>	<b>GO TO 601</b>

**SECTION 6. CHILDHOOD ILLNESS**

No.	QUESTIONS AND FILTERS	CODING CATEGORIES	CODING CATEGORIES
	<b>CHECK 204, 207, 209. IF NO CHILDREN 0-23 MONTHS ARE ALIVE, SKIP TO 701. IF RESPONDENT HAS ONLY 1 CHILD, FILL OUT THE COLUMN 'LAST CHILD' AND LEAVE THE SECOND COLUMN BLANK. IF THE RESPONDENT HAS 2 CHILDREN 0-23 MONTHS, FILL OUT BOTH COLUMNS. READ THE FOLLOWING:</b>		
	I would like to ask you some questions about the health of your children less than two years old (0-23 months) during the past 2 weeks, starting with the youngest.		
		LAST CHILD NAME	NEXT-TO-LAST-CHILD NAME
601	Has <b>(NAME)</b> been ill with a fever at any time in the last 2 weeks?	YES ..... 1 NO ..... 2 (SKIP TO 603)..... DON'T KNOW ..... 8	YES ..... 1 NO ..... 2 (SKIP TO 603)..... DON'T KNOW ..... 8
602	Does <b>(NAME)</b> have a fever now?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8
603	Has <b>(NAME)</b> been ill with convulsions at any time during the last 2 weeks?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8
604	<b>CHECK 601 AND 603: HAD FEVER OR CONVULSIONS?</b>	YES IN 601 OR 603 IF NO OR DK <input type="checkbox"/> GO TO 605 <input type="checkbox"/> SKIP TO 614	YES IN 601 OR 603 IF NO OR DK <input type="checkbox"/> GO TO 605 <input type="checkbox"/> SKIP TO 614
605	Did you seek advice or treatment for the fever/convulsions?	YES ..... 1 NO ..... 2→612	YES ..... 1 NO ..... 2→612
606	Where did you seek advice or treatment? Anywhere else? <b>RECORD ALL SOURCES MENTIONED</b>	<b>PUBLIC SECTOR</b> GOVT. HOSPITAL .....A GOVT. HEALTH CENTER .....B GOVT. HEALTH POST .....C MOBILE CLINIC .....D COMM. HEALTH WORKER.....E  OTHER PUBLIC _____ F (SPECIFY)  <b>PRIVATE MEDICAL SECTOR</b> PVT. HOSPITAL/CLINIC ..... G PHARMACY .....H PRIVATE DOCTOR ..... I MOBILE CLINIC ..... J COMM. HEALTH WORKER.....K OTHER PVT. MEDICAL _____ L (SPECIFY)  <b>OTHER SOURCE</b> PMV ..... M TRAD. PRACTITIONER.....N SPIRITUAL HEALER ..... O  OTHER _____ X (SPECIFY)	<b>PUBLIC SECTOR</b> GOVT. HOSPITAL.....A GOVT. HEALTH CENTER .....B GOVT. HEALTH POST ..... C MOBILE CLINIC ..... D COMM. HEALTH WORKER.....E  OTHER PUBLIC _____ F (SPECIFY)  <b>PRIVATE MEDICAL SECTOR</b> PVT. HOSPITAL/CLINIC ..... G PHARMACY ..... H PRIVATE DOCTOR..... I MOBILE CLINIC ..... J COMM. HEALTH WORKER.....K OTHER PVT. MEDICAL _____ L (SPECIFY)  <b>OTHER SOURCE</b> PMV ..... M TRAD. PRACTITIONER..... N SPIRITUAL HEALER..... O  OTHER _____ X (SPECIFY)
607	How long after you noticed the fever/convulsions was <b>(NAME)</b> taken for care?	SAME DAY (WITHIN 24 HOURS).... 1 NEXT DAY (25-48 HOURS)..... 2 MORE THAN 2 DAYS/48 HOURS... 3	SAME DAY (WITHIN 24 HOURS).... 1 NEXT DAY (25-48 HOURS)..... 2 MORE THAN 2 DAYS/48 HOURS... 3

608	Did the provider recommend any drugs for the fever/ convulsions?	YES ..... 1 NO ..... 2→612 DON'T KNOW ..... 8→612	YES ..... 1 NO ..... 2→612 DON'T KNOW ..... 8→612
-----	------------------------------------------------------------------	---------------------------------------------------------	---------------------------------------------------------

		LAST CHILD NAME	NEXT-TO-LAST-CHILD NAME
609	What drugs did the provider recommend?  <b>RECORD ALL MENTIONED.</b>  <b>ASK TO SEE DRUG(S) IF TYPE OF DRUG IS NOT KNOWN.</b>	ANTI-MALARIAL NIVAQUINE/CHLOROQUINE.....A AMODIAQUINE/CAMOQUINE.....B QUININE.....C ARTEMISINE/COTECIN/COARTEM.....D AMALAR/FANSIDAR/VITADAR....E  OTHER DRUGS ASPIRIN.....F PANADOL.....G  OTHER _____X (SPECIFY) DON'T KNOW.....Z	ANTI-MALARIAL NIVAQUINE/CHLOROQUINE.....A AMODIAQUINE/CAMOQUINE.....B QUININE.....C ARTEMISINE/COTECIN/COARTEM.....D AMALAR/FANSIDAR/VITADAR....E  OTHER DRUGS ASPIRIN.....F PANADOL.....G  OTHER _____X (SPECIFY) DON'T KNOW.....Z
610	Did your child take any of those drugs?	YES.....1 NO.....2→612 DK/DR.....8→612	YES.....1 NO.....2→612 DK/DR.....8→612
611	Which drugs? <b>RECORD ALL MENTIONED</b>	ANTI-MALARIAL NIVAQUINE/CHLOROQUINE.....A AMODIAQUINE/CAMOQUINE.....B QUININE.....C ARTEMISINE/COTECIN/COARTEM.....D AMALAR/FANSIDAR.....E  OTHER DRUGS ASPIRIN.....F PANADOL.....G  OTHER _____X (SPECIFY) DON'T KNOW.....Z	ANTI-MALARIAL NIVAQUINE/CHLOROQUINE.....A AMODIAQUINE/CAMOQUINE.....B QUININE.....C ARTEMISINE/COTECIN/COARTEM.....D AMALAR/FANSIDAR.....E  OTHER DRUGS ASPIRIN.....F PANADOL.....G  OTHER _____X (SPECIFY) DON'T KNOW.....Z
612	Was anything [else] done about <b>(NAME)</b> 's fever/convulsions?	YES.....1 NO.....2→614 DON'T KNOW.....8→614	YES.....1 NO.....2→614 DON'T KNOW.....8→614
613	What was done about <b>(NAME)</b> 's fever/convulsions?	CONSULTED TRADITIONAL HEALER.....A GAVE TEPID SPONGING.....B GAVE HERBS.....C OTHER _____X (SPECIFY)	CONSULTED TRADITIONAL HEALER.....A GAVE TEPID SPONGING.....B GAVE HERBS.....C OTHER _____X (SPECIFY)
614	Has <b>(NAME)</b> had an illness with a cough at any time in the last 2 weeks?	YES.....1 NO.....2→625 DON'T KNOW.....8→625	YES.....1 NO.....2→625 DON'T KNOW.....8→625
615	When <b>(NAME)</b> had an illness with a cough, did he/she breathe faster than usual with short, fast breaths?	YES.....1 NO.....2 DON'T KNOW.....8	YES.....1 NO.....2 DON'T KNOW.....8
616	Did you seek advice or treatment for the cough/fast breathing?	YES.....1 NO.....2→623	YES.....1 NO.....2→623



624	What was done about <b>(NAME)</b> 's cough/fast breathing?	CONSULTED TRADITIONAL HEALER .....A GAVE TEPID SPONGING .....B GAVE HERBS ..... C OTHER _____X (SPECIFY)	CONSULTED TRADITIONAL HEALER .....A GAVE TEPID SPONGING.....B GAVE HERBS ..... C OTHER _____X (SPECIFY)
625	Has <b>(NAME)</b> had diarrhea in the last 2 weeks?	YES ..... 1 NO .....2→632 DON'T KNOW .....8→632	YES ..... 1 NO .....2→632 DON'T KNOW .....8→632
626	Did you seek advice or treatment for the diarrhea?	YES ..... 1 NO ..... 2→630	YES ..... 1 NO ..... 2→630
		LAST CHILD NAME _____	NEXT-TO-LAST-CHILD NAME _____
627	Where did you seek advice or treatment?  <b>IF SOURCE IS HOSPITAL, HEALTH CENTER OR CLINIC, WRITE THE NAME OF THE PLACE. PROBE TO IDENTIFY THE TYPE OF SOURCE AND CIRCLE THE APPROPRIATE CODE.</b>  _____ (NAME OF PLACE)  Anywhere else?  <b>RECORD ALL PLACES MENTIONED.</b>	PUBLIC SECTOR GOVT. HOSPITAL .....A GOVT. HEALTH CENTER .....B GOVT. HEALTH POST .....C MOBILE CLINIC .....D COMM. HEALTH WORKER.....E  OTHER PUBLIC _____ F (SPECIFY)  PRIVATE MEDICAL SECTOR PVT. HOSPITAL/CLINIC..... G PHARMACY .....H PRIVATE DOCTOR ..... I MOBILE CLINIC .....J COMM. HEALTH WORKER.....K OTHER PVT. MEDICAL _____ L (SPECIFY)  OTHER SOURCE PMV.....M SHOP .....N TRAD. PRACTITIONER.....O SPIRITUAL HEALER .....P OTHER _____ X (SPECIFY)	PUBLIC SECTOR GOVT. HOSPITAL.....A GOVT. HEALTH CENTER .....B GOVT. HEALTH POST ..... C MOBILE CLINIC .....D COMM. HEALTH WORKER.....E  OTHER PUBLIC _____ F (SPECIFY)  PRIVATE MEDICAL SECTOR PVT. HOSPITAL/CLINIC..... G PHARMACY ..... H PRIVATE DOCTOR..... I MOBILE CLINIC .....J COMM. HEALTH WORKER.....K OTHER PVT. MEDICAL _____ L (SPECIFY)  OTHER SOURCE PMV.....M SHOP .....N TRAD. PRACTITIONER.....O SPIRITUAL HEALER.....P OTHER _____ X (SPECIFY)
628a	Did the provider recommend any of the following to drink:	YES NO DK	YES NO DK
-b			
a	A fluid made from a special packet called <b>[LOCAL NAME]</b> ?	FLUID FROM ORS PKT..... 1 2 8	FLUID FROM ORS PKT..... 1 2 8
b	A government-recommended homemade fluid?	HOMEMADE FLUID..... 1 2 8	HOMEMADE FLUID..... 1 2 8
629	Did your child drink any of the recommended drinks?	YES, ORS PKT.....1 YES, HOMEMADE FLUID.....2 YES, BOTH ORS & HOMEFLUID.....3 NO, NEITHER..... 4	YES, ORS PKT.....1 YES, HOMEMADE FLUID.....2 YES, BOTH ORS & HOMEFLUID.....3 NO, NEITHER..... 4
630	Was anything [else] given to treat the diarrhea?	YES ..... 1 NO ..... 2→632 DON'T KNOW ..... 8→632	YES ..... 1 NO ..... 2→632 DON'T KNOW ..... 8→632

631	What (else) was given to treat the diarrhea? Anything else? <b>RECORD ALL TREATMENTS MENTIONED.</b>	PILL OR SYRUP .....A INJECTION .....B (I.V.) INTRAVENOUS.....C HOME REMEDIES/ HERBAL MEDICINES .....D OTHER _____ X (SPECIFY)	PILL OR SYRUP .....A INJECTION.....B (I.V.) INTRAVENOUS..... C HOME REMEDIES/ HERBAL MEDICINES ..... D OTHER _____ X (SPECIFY)
632	When (your child/one of your children) is seriously ill, can you decide by yourself whether or not the child should be taken for medical treatment?  <b>IF SAYS NO CHILD EVER SERIOUSLY ILL, ASK:</b> If (your child/one of your children) became seriously ill, could you decide by yourself whether the child should be taken for medical treatment?	YES .....1 NO .....2 DEPENDS .....3	

633	<p>Now I would like to ask you some questions about medical care for you yourself.</p> <p>Many different factors can prevent women from getting medical advice or treatment for themselves. When you are sick and want to get medical advice or treatment, is each of the following a big problem or not?</p> <p>Knowing where to go.</p> <p>Getting permission to go.</p> <p>Getting money needed for treatment.</p> <p>The distance to a health facility.</p> <p>Having to take transport.</p> <p>Not wanting to go alone.</p> <p>Concern that there may not be a female health provider.</p>	<table border="1"> <thead> <tr> <th>BIG PROBLEM</th> <th>NOT A BIG PROBLEM</th> <th>NO PROBLEM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>3</td> </tr> </tbody> </table>	BIG PROBLEM	NOT A BIG PROBLEM	NO PROBLEM	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
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<b><u>SECTION 7. AWARENESS OF MALARIA AND OTHER ILLNESS HOME-BASED MANAGEMENT AND PREVENTION</u></b>																										
701	<p>When a child under 5 years of age is sick, what signs of illness would tell you that he/she should be taken to a health facility or health worker for immediate care?</p> <p><b>PROBE:</b> Any other signs?</p> <p><b>DO NOT READ OUT THE OPTIONS BUT RECORD ALL MENTIONED.</b></p>	<p>REPEATED WATERY STOOLS.....A</p> <p>BLOODY STOOL.....B</p> <p>REPEATED VOMITIING.....C</p> <p>FAST BREATHING.....D</p> <p>DIFFICULTY BREATHING.....E</p> <p>NOISY BREATHING.....F</p> <p>COUGH.....G</p> <p>FEVER/HIGH TEMP.....H</p> <p>CONVULSIONS.....I</p> <p>NOT EATING,NOT DRINKING/ NOT BREASTFEEDING WELL.....J</p> <p>GETTING SICKER/VERY SICK.....K</p> <p>DIFFICULT TO WAKE UP.....L</p> <p>OTHER_____W (SPECIFY)</p> <p>NOT SURE/DON'T KNOW .....X</p>																								
702	<p>How can a parent prevent malaria in children?</p> <p><b>DO NOT READ. RECORD ALL MENTIONED.</b></p> <p><b>PROBE:</b> Anything else?</p>	<p>ANY MOSQUITO NET.....A</p> <p>TREATED MOSQUITO NET.....B</p> <p>MOSQUITO COILS.....C</p> <p>INSECT SPRAY.....D</p> <p>REMOVE WATER AROUND HOUSE...E</p> <p>CLEAR BUSH.....F</p> <p>CLOSE DOOR/WINDOWS EARLY.....G</p> <p>PERSONAL/HOUSEHOLD HYGIEN.....H</p> <p>OTHER_____W (SPECIFY)</p> <p>DON'T KNOW.....X</p>																								
703	<p><b>[IF TREATED MOSQUITO NETS WERE NOT MENTIONED IN THE QUESTION ABOVE, THEN ASK]</b></p> <p>Can the use of insecticide treated mosquito nets prevent malaria?</p>	<p>YES.....1</p> <p>NO.....2</p> <p>DON'T KNOW/NOT SURE.....8</p>																								
<b>CHECK PAGE 3. IF CHILDREN 6-11 LIVE IN THE HOUSEHOLD, ASK THE FOLLOWING FOR EACH CHILD. IF NO CHILDREN BETWEEN 6-11, SKIP TO 705</b>																										
Long waiting time	1	2	3																							

704A	Did ( <b>WRITE NAME</b> _____) sleep under an insecticide treated mosquito net last night?	YES.....1 NO.....2 DON'T KNOW.....8																											
704B	Did ( <b>WRITE NAME</b> _____) sleep under an insecticide treated mosquito net last night?	YES.....1 NO.....2 DON'T KNOW.....8																											
704C	Did ( <b>WRITE NAME</b> _____) sleep under an insecticide treated mosquito net last night?	YES.....1 NO.....2 DON'T KNOW.....8																											
704D	Did ( <b>WRITE NAME</b> _____) sleep under an insecticide treated mosquito net last night?	YES.....1 NO.....2 DON'T KNOW.....8																											
705	<p>During the last six months have you heard or seen any messages about insecticide treated mosquito nets:</p> <p>a) On the radio? b) On the television? c) In a newspaper or magazine? d) From a home visit by a Community Health Worker? e) At the clinic? f) From a PMV? g) Anywhere or from anyone else?</p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">YES</th> <th style="width: 10%; text-align: center;">NO</th> </tr> </thead> <tbody> <tr> <td>a) RADIO .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b) TELEVISION.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>c) NEWSPAPER OR MAGAZINE.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>d) COMMUNITY HLTH WKR.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>e) CLINIC.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>f) PMV.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>g) OTHER_____</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td colspan="3" style="text-align: center;">(SPECIFY)</td> </tr> </tbody> </table>		YES	NO	a) RADIO .....	1	2	b) TELEVISION.....	1	2	c) NEWSPAPER OR MAGAZINE.....	1	2	d) COMMUNITY HLTH WKR.....	1	2	e) CLINIC.....	1	2	f) PMV.....	1	2	g) OTHER_____	1	2	(SPECIFY)		
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706	<p>During the last six months, have you heard or seen any messages about prepackaged malaria treatment:</p> <p>a) On the radio? b) On the television? c) In a newspaper or magazine? d) From a home visit by a Community Health Worker? e) At the clinic? f) From a PMV? g) Anywhere or from anyone else?</p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">YES</th> <th style="width: 10%; text-align: center;">NO</th> </tr> </thead> <tbody> <tr> <td>a) RADIO .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b) TELEVISION.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>c) NEWSPAPER OR MAGAZINE.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>d) COMMUNITY HLTH WKR.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>e) CLINIC.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>f) PMV.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>g) OTHER_____</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td colspan="3" style="text-align: center;">(SPECIFY)</td> </tr> </tbody> </table>		YES	NO	a) RADIO .....	1	2	b) TELEVISION.....	1	2	c) NEWSPAPER OR MAGAZINE.....	1	2	d) COMMUNITY HLTH WKR.....	1	2	e) CLINIC.....	1	2	f) PMV.....	1	2	g) OTHER_____	1	2	(SPECIFY)		
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NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
810	How often do you use a condom with this partner?	EVERY TIME.....1 SOMETIMES.....2 ONCE.....3 NOT AT ALL.....4	
811	<p>What is your relationship to the person with whom you last had sex?</p> <p><b>FOR FEMALE RESPONDENT: IF MAN IS "BOYFRIEND" OR "FIANCÉ," ASK:</b> Was your boyfriend/fiancé living with you when you last had sex?</p> <p><b>FOR MALE RESPONDENT: IF WOMAN IS "GIRLFRIEND" OR "FIANCEE," ASK:</b> Was your girlfriend/fiancée living with you when you last had sex?</p> <p><b>IF YES, CIRCLE '01'.</b> <b>IF NO, CIRCLE '02'.</b></p>	SPOUSE/COHABITING PARTNER ..... 01 BOYFRIEND/GIRLFRIEND/FIANCÉ .... 02 OTHER FRIEND ..... 03 CASUAL ACQUAINTANCE ..... 04 RELATIVE..... 05 COMMERCIAL SEX WORKER ..... 06 OTHER _____ 96 (SPECIFY)	--813
812	About how old would you say he/she was?	<15 ..... 1 15-19 ..... 2 20-24 ..... 3 25-29 ..... 4 30-34 ..... 5 35-39 ..... 6 40-44 ..... 7 45-49 ..... 8 50+ ..... 9 DON'T KNOW ..... 98	
813	Have you had sex with any other partner in the last 12 months?	YES ..... 1 NO ..... 2	--819
814	The last time you had sexual intercourse with another partner, was a condom used?	YES ..... 1 NO ..... 2	--817
815	What was the main reason you used a condom on that occasion?	RESPONDENT WANTED TO PREVENT STD/HIV ..... 01 RESPONDENT WANTED TO PREVENT PREGNANCY ..... 02 RESPONDENT WANTED TO PREVENT BOTH STD/HIV AND PREGNANCY ..... 03 DID NOT TRUST PARTNER/FELT PARTNER HAD OTHER PARTNERS..... 04 PARTNER REQUESTED/INSISTED ..... 05 OTHER _____ 96 (SPECIFY) DON'T KNOW ..... 98	
816	How often do you use a condom with this partner?	EVERY TIME.....1 SOMETIMES.....2 ONCE.....3 NOT AT ALL.....4	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
817	<p>What is your relationship to this partner?</p> <p><b>FOR FEMALE RESPONDENT: IF MAN IS "BOYFRIEND" OR "FIANCÉ," ASK:</b> Was your boyfriend/fiancé living with you when you last had sex?</p> <p><b>FOR MALE RESPONDENT: IF WOMAN IS "GIRLFRIEND" OR "FIANCEE," ASK:</b> Was your girlfriend/fiancée living with you when you last had sex?</p> <p><b>IF YES, CIRCLE '01'.</b> <b>IF NO, CIRCLE '02'.</b></p>	<p>SPOUSE/COHABITING PARTNER ..... 01  BOYFRIEND/GIRLFRIEND/FIANCÉ ..... 02  OTHER FRIEND ..... 03  CASUAL ACQUAINTANCE ..... 04  RELATIVE ..... 05  COMMERCIAL SEX WORKER ..... 06  OTHER _____ 96  (SPECIFY)</p>	-> 819
818	<p>About how old would you say he/she was?</p>	<p>&lt;15 ..... 1  15-19 ..... 2  20-24 ..... 3  25-29 ..... 4  30-34 ..... 5  35-39 ..... 6  40-44 ..... 7  45-49 ..... 8  50+ ..... 9  DON'T KNOW ..... 98</p>	
819	<p>In the last 12 months, in total, how many different partners have you had sex with?</p>	<p>NUMBER OF PARTNERS <input type="text"/> <input type="text"/> <input type="text"/>  <input type="text"/> <input type="text"/> <input type="text"/></p>	
820	<p>Have you ever exchanged/received money or gifts for sex?</p>	<p>YES ..... 1  NO ..... 2</p>	->822
821	<p>The last time that you exchanged/received money or gifts for sex, was a condom used on that occasion?</p>	<p>YES ..... 1  NO ..... 2</p>	
822	<p>Do you know of a place where a person can get condoms?</p>	<p>YES ..... 1  NO ..... 2</p>	->824
823	<p>Where is that?</p> <p><b>IF SOURCE IS HOSPITAL, HEALTH CENTER, OR CLINIC, WRITE THE NAME OF THE PLACE. PROBE TO IDENTIFY THE TYPE OF SOURCE AND CIRCLE THE APPROPRIATE CODE.</b></p> <p>_____</p> <p>(NAME OF PLACE)</p> <p>Any other place?</p> <p><b>RECORD ALL SOURCES MENTIONED.</b></p>	<p>PUBLIC SECTOR  GOVERNMENT HOSPITAL ..... A  GOVT. HEALTH CENTER ..... B  FAMILY PLANNING CLINIC ..... C  MOBILE CLINIC ..... D  COMMUNITY HEALTH WORKER ..... E  OTHER PUBLIC _____ F  (SPECIFY)</p> <p>PRIVATE MEDICAL SECTOR  PRIVATE HOSPITAL/CLINIC ..... G  PHARMACY ..... H  PRIVATE DOCTOR ..... I  MOBILE CLINIC ..... J  COMMUNITY HEALTH WORKER ..... K  OTHER PRIVATE  MEDICAL _____ L  (SPECIFY)</p> <p>OTHER SOURCE  PMV .....  M  SHOP ..... N  CHURCH ..... O  FRIENDS/RELATIVES ..... P  NGO ..... Q  OTHER _____ X  (SPECIFY)</p>	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
824	Have you heard of female condoms?	YES ..... 1 NO ..... 2 DON'T KNOW/UNSURE ..... 3	—▲901
825	Do you know of a place where a person can get female condoms?	YES ..... 1 NO ..... 2	—▲901
826	Where is that?  <b>IF SOURCE IS HOSPITAL, HEALTH CENTER, OR CLINIC, WRITE THE NAME OF THE PLACE. PROBE TO IDENTIFY THE TYPE OF SOURCE AND CIRCLE THE APPROPRIATE CODE.</b>  _____ (NAME OF PLACE)  Any other place?  <b>RECORD ALL SOURCES MENTIONED.</b>	PUBLIC SECTOR GOVERNMENT HOSPITAL ..... A GOVT. HEALTH CENTER ..... B FAMILY PLANNING CLINIC ..... C MOBILE CLINIC ..... D COMMUNITY HEALTH WORKER ..... E  OTHER PUBLIC _____ F (SPECIFY) PRIVATE MEDICAL SECTOR PRIVATE HOSPITAL/CLINIC ..... G PHARMACY ..... H PRIVATE DOCTOR ..... I MOBILE CLINIC ..... J COMMUNITY HEALTH WORKER ..... K OTHER PRIVATE MEDICAL _____ L (SPECIFY) OTHER SOURCE PMV ..... M SHOP ..... N CHURCH ..... O FRIENDS/RELATIVES ..... P NGO ..... Q OTHER _____ X (SPECIFY)	



NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
905	<p>You have said that you do not want any (more) children, but you are not using any method to avoid pregnancy. Can you tell me why?</p> <p>Any other reason?</p> <p><b>RECORD ALL REASONS MENTIONED.</b></p>	<p>NOT MARRIED .....A</p> <p>FERTILITY-RELATED REASONS</p> <p>NOT HAVING SEX.....B</p> <p>INFREQUENT SEX.....C</p> <p>MENOPAUSAL/HYSTERECTOMY.....D</p> <p>SUBFECUND/INFECUND.....E</p> <p>POSTPARTUM AMENORRHEIC.....F</p> <p>BREASTFEEDING.....G</p> <p>FATALISTIC.....H</p> <p>OPPOSITION TO USE</p> <p>RESPONDENT OPPOSED.....I</p> <p>HUSBAND/PARTNER OPPOSED.....J</p> <p>OTHERS OPPOSED.....K</p> <p>RELIGIOUS PROHIBITION.....L</p> <p>LACK OF KNOWLEDGE</p> <p>KNOWS NO METHOD.....M</p> <p>KNOWS NO SOURCE.....N</p> <p>METHOD-RELATED REASONS</p> <p>HEALTH CONCERNS.....O</p> <p>FEAR OF SIDE EFFECTS.....P</p> <p>LACK OF ACCESS/TOO FAR.....Q</p> <p>COSTS TOO MUCH.....R</p> <p>INCONVENIENT TO USE.....S</p> <p>INTERFERES WITH BODY'S NATURAL PROCESSES.....T</p> <p>OTHER _____ X (SPECIFY)</p> <p>DON'T KNOW .....Z</p>	
906	<p>In the next few weeks, if you discovered that you/your partner were pregnant, would that be a big problem, a small problem, or no problem for you?</p>	<p>BIG PROBLEM.....1</p> <p>SMALL PROBLEM.....2</p> <p>NO PROBLEM.....3</p> <p>SAYS CAN'T GET PREGNANT/ NOT HAVING SEX.....4</p>	
907	<p>Do you think you will use a contraceptive method to delay or avoid pregnancy at any time in the future?</p>	<p>YES .....1</p> <p>NO .....2</p> <p>DON'T KNOW .....8</p>	<p>↳ 909</p>
908	<p>Which contraceptive method would you prefer to use?</p>	<p>FEMALE STERILIZATION .....01</p> <p>MALE STERILIZATION.....02</p> <p>PILL.....03</p> <p>IUD.....04</p> <p>INJECTABLES.....05</p> <p>IMPLANTS.....06</p> <p>CONDOM.....07</p> <p>FEMALE CONDOM.....08</p> <p>DIAPHRAGM.....09</p> <p>FOAM/JELLY.....10</p> <p>LACTATIONAL AMEN. METHOD.....11</p> <p>PERIODIC ABSTINENCE.....12</p> <p>WITHDRAWAL.....13</p> <p>OTHER _____ 96 (SPECIFY)</p> <p>UNSURE .....98</p>	<p>↳ 910</p>

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
909	What is the <u>main</u> reason that you think you will not use a contraceptive method at any time in the future?	NOT MARRIED ..... 1  FERTILITY-RELATED REASONS INFREQUENT SEX/NO SEX ..... 2 MENOPAUSAL/HYSTERECTOMY ..... 3 SUBFECUND/INFECUND ..... 4 WANTS AS MANY CHILDREN AS POSSIBLE ..... 5  OPPOSITION TO USE RESPONDENT OPPOSED ..... 6 HUSBAND OPPOSED ..... 7 OTHERS OPPOSED ..... 8 RELIGIOUS PROHIBITION ..... 9  LACK OF KNOWLEDGE KNOWS NO METHOD ..... 10 KNOWS NO SOURCE ..... 11  METHOD-RELATED REASONS HEALTH CONCERNS ..... 12 FEAR OF SIDE EFFECTS ..... 13 LACK OF ACCESS/TOO FAR ..... 14 COSTS TOO MUCH ..... 15 INCONVENIENT TO USE ..... 16 INTERFERES WITH BODY'S NORMAL PROCESSES ..... 17  OTHER _____ 96 (SPECIFY) DON'T KNOW ..... 98	
910	Would you say that you approve or disapprove of couples using a method to avoid getting pregnant?	APPROVE ..... 1 DISAPPROVE ..... 2 DON'T KNOW/UNSURE ..... 3	
911	Do you think that a few, some, most or almost all the women/men in this community are in favor of the use of modern family planning?	NONE ..... 1 A FEW ..... 2 SOME ..... 3 MOST ..... 4 ALL ..... 5	
912A	Have you ever encouraged someone to use a modern family planning method?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8	
912B	Have you ever been encouraged by someone to use a modern family planning method?	YES ..... 1 NO ..... 2 → 913 DON'T KNOW ..... 8 → 913	
912c	By whom?  Anyone else?  <b>RECORD ALL PERSONS MENTIONED.</b>	SPOUSE/PARTNER ..... A MOTHER ..... B FATHER ..... C SISTER(S) ..... D BROTHER(S) ..... E DAUGHTER ..... F SON ..... G MOTHER-IN-LAW ..... H FRIENDS/NEIGHBORS ..... I HEALTH CARE PROVIDER ..... J  OTHER _____ X (SPECIFY)	

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913a -g	In the last 6 months have you heard or seen anything about family planning:  a) On the radio? b) On the television? c) In a newspaper or magazine? d) From a home visit by a Community Health Worker? e) At the clinic? f) From a PMV? w) Anywhere or from anyone else?	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">YES</th> <th style="width: 10%; text-align: center;">NO</th> </tr> </thead> <tbody> <tr> <td>a) RADIO .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b) TELEVISION .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>c) NEWSPAPER OR MAGAZINE .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>d) COMMUNITY HLTH WKR .....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>e) CLINIC.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>f) PMV.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>w) OTHER.....</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td colspan="3" style="text-align: center;">(SPECIFY)</td> </tr> </tbody> </table>		YES	NO	a) RADIO .....	1	2	b) TELEVISION .....	1	2	c) NEWSPAPER OR MAGAZINE .....	1	2	d) COMMUNITY HLTH WKR .....	1	2	e) CLINIC.....	1	2	f) PMV.....	1	2	w) OTHER.....	1	2	(SPECIFY)			
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914	<b>CHECK 801:</b>  <table style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;"> <b>YES, CURRENTLY MARRIED</b>    <input type="checkbox"/>  <small>v</small> </td> <td style="width: 33%;"> <b>YES, LIVING TOGETHER</b>    <input type="checkbox"/>  <small>v</small> </td> <td style="width: 33%;"> <b>NO, NOT IN UNION</b>    <input type="checkbox"/> </td> </tr> </table>		<b>YES, CURRENTLY MARRIED</b> <input type="checkbox"/> <small>v</small>	<b>YES, LIVING TOGETHER</b> <input type="checkbox"/> <small>v</small>	<b>NO, NOT IN UNION</b> <input type="checkbox"/>	-1001																								
<b>YES, CURRENTLY MARRIED</b> <input type="checkbox"/> <small>v</small>	<b>YES, LIVING TOGETHER</b> <input type="checkbox"/> <small>v</small>	<b>NO, NOT IN UNION</b> <input type="checkbox"/>																												
915	<b>CHECK 308A/308B:</b>  <table style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;"> <b>ANY CODE CIRCLED</b>    <input type="checkbox"/>  <small>v</small> </td> <td style="width: 50%;"> <b>NO CODE CIRCLED</b>    <input type="checkbox"/> </td> </tr> </table>		<b>ANY CODE CIRCLED</b> <input type="checkbox"/> <small>v</small>	<b>NO CODE CIRCLED</b> <input type="checkbox"/>	-917																									
<b>ANY CODE CIRCLED</b> <input type="checkbox"/> <small>v</small>	<b>NO CODE CIRCLED</b> <input type="checkbox"/>																													
916	You have told me that you are currently using contraception. Would you say that using contraception is mainly your decision, mainly your spouse's/partner's decision, or did you both decide together?	MAINLY RESPONDENT ..... 1 MAINLY SPOUSE/PARTNER ..... 2 JOINT DECISION ..... 3  OTHER ..... 6 (SPECIFY)																												
917	Now I want to ask you about your spouse's/partner's views on family planning.  Do you think that your spouse/partner approves or disapproves of couples using a contraceptive method to avoid pregnancy?	APPROVES ..... 1 DISAPPROVES ..... 2 DON'T KNOW ..... 8																												
918	How often have you talked to your spouse/partner about family planning in the past year?	NEVER ..... 1 ONCE OR TWICE ..... 2 MORE OFTEN ..... 3																												
919	<b>CHECK 308A/B:</b>  <table style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;"> <b>NOT STERILIZED</b>    <input type="checkbox"/>  <small>v</small> </td> <td style="width: 50%;"> <b>STERILIZED</b>    <input type="checkbox"/> </td> </tr> </table>		<b>NOT STERILIZED</b> <input type="checkbox"/> <small>v</small>	<b>STERILIZED</b> <input type="checkbox"/>	-1001																									
<b>NOT STERILIZED</b> <input type="checkbox"/> <small>v</small>	<b>STERILIZED</b> <input type="checkbox"/>																													
920	Do you think your spouse/partner wants the same number of children that you want, or does he want more or fewer than you want?	SAME NUMBER ..... 1 MORE CHILDREN ..... 2 FEWER CHILDREN ..... 3 DON'T KNOW ..... 8																												

**SECTION 10. PARTNER'S BACKGROUND**

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																																																								
1001	<b>CHECK 801 AND 802:</b>  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <b>CURRENTLY MARRIED/ LIVING WITH A PARTNER</b> <input type="checkbox"/> </div> <div style="text-align: center;"> <b>FORMERLY MARRIED/ LIVED WITH A PARTNER</b> <input type="checkbox"/> </div> </div>	<div style="text-align: center;"> <b>NEVER MARRIED AND NEVER LIVED WITH A PARTNER</b> <input type="checkbox"/> </div>	<div style="display: flex; justify-content: space-between;"> <span>←1003</span> <span>←1007</span> </div>																																																								
1002	How old was your spouse/partner on his/her last birthday?	AGE IN COMPLETED YEARS <input style="width: 40px; height: 20px;" type="text"/>																																																									
1003	Did your (last) spouse/partner ever attend school?	YES .....1 NO .....2	←1006																																																								
1004	What was the highest level of school he/she attended: primary, secondary, or higher?	PRIMARY .....1 SECONDARY .....2 HIGHER .....3 DON'T KNOW .....8	→1006																																																								
1005	What was the highest grade he/she completed at that level?	GRADE ..... <input style="width: 40px; height: 20px;" type="text"/> DON'T KNOW .....98																																																									
1006	<b>CHECK 1001:</b>  CURRENTLY MARRIED/ LIVING WITH A PARTNER <input type="checkbox"/>  What is your spouse's/partner's main occupation? That is, what kind of work does he/she mainly do?	FORMERLY MARRIED/ LIVED WITH A PARTNER <input type="checkbox"/>  What was your (last) spouse's/ partner's main occupation? That is, what kind of work did he/she mainly do?	<input style="width: 40px; height: 20px;" type="text"/>  <hr/> <hr/> <hr/>																																																								
1007	Who in your family usually has the final say on the following decisions:  Your own health care? Making large household purchases? Making household purchases for daily needs? Visits to family or relatives? What food should be cooked each day? Your children's education? Your children's health?	RESPONDENT = 1 SPOUSE/PARTNER = 2 RESPONDENT & SPOUSE/PARTNER JOINTLY = 3 SOMEONE ELSE = 4 RESPONDENT & SOMEONE ELSE JOINTLY = 5 DECISION NOT MADE/NOT APPLICABLE = 6  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100px;"></td> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px; text-align: center;">5</td> <td style="width: 20px; text-align: center;">6</td> </tr> <tr> <td>Your own health care?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Making large household purchases?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Making household purchases for daily needs?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Visits to family or relatives?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>What food should be cooked each day?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Your children's education?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Your children's health?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> </table>		1	2	3	4	5	6	Your own health care?	1	2	3	4	5	6	Making large household purchases?	1	2	3	4	5	6	Making household purchases for daily needs?	1	2	3	4	5	6	Visits to family or relatives?	1	2	3	4	5	6	What food should be cooked each day?	1	2	3	4	5	6	Your children's education?	1	2	3	4	5	6	Your children's health?	1	2	3	4	5	6	
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**SECTION 11. AIDS AND OTHER SEXUALLY TRANSMITTED INFECTIONS**

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																											
1101	Now I would like to talk about something else. Have you ever heard of an illness called AIDS?	YES ..... 1 NO ..... 2	→1119																											
1102 A-W	In the last 6 months have you heard or seen anything about AIDS or the virus that causes AIDS (HIV) or any other sexually transmitted infections:  A) On the radio? B) On the television? C) In a newspaper or magazine? D) From a home visit by a Community Health Worker? E) At the clinic? F) From a PMV? W) From anywhere or anyone else?	<table border="0"> <tr> <td></td> <td align="right">YES</td> <td align="right">NO</td> </tr> <tr> <td>A)RADIO.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td>B)TELEVISION.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td>C)NEWSPAPER OR MAGAZINE.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td>D)COMMUNITY HLTH WKR.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td>E)CLINIC.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td>F)PMV.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td>W) ANYWHERE/ONE ELSE.....</td> <td align="right">1</td> <td align="right">2</td> </tr> <tr> <td align="center" colspan="3">_____ (SPECIFY)</td> </tr> </table>		YES	NO	A)RADIO.....	1	2	B)TELEVISION.....	1	2	C)NEWSPAPER OR MAGAZINE.....	1	2	D)COMMUNITY HLTH WKR.....	1	2	E)CLINIC.....	1	2	F)PMV.....	1	2	W) ANYWHERE/ONE ELSE.....	1	2	_____ (SPECIFY)			
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A)RADIO.....	1	2																												
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E)CLINIC.....	1	2																												
F)PMV.....	1	2																												
W) ANYWHERE/ONE ELSE.....	1	2																												
_____ (SPECIFY)																														
1103	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	↳1105																											
1104	What can a person do?  <b>DO NOT READ RESPONSES. RECORD ALL WAYS MENTIONED.</b>  Anything else?	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 HOMOSEXUALS ..... G AVOID SEX WITH PERSONS WHO INJECT DRUGS INTRAVENOUSLY ... H AVOID BLOOD TRANSFUSIONS..... I AVOID INJECTIONS ..... J AVOID SHARING RAZORS/BLADES..... K USE CLEAN NEEDLES..... L AVOID KISSING..... M AVOID MOSQUITO BITES ..... N SEEK PROTECTION FROM TRADITIONAL PRACTITIONER..... O  OTHER _____ W (SPECIFY) DON'T KNOW ..... Z																												
1105	Is it possible for a healthy-looking person to have the AIDS virus?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8																												
1106	Do you know someone personally who has the virus that causes AIDS?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8																												
1107	Do you know someone personally who has died of AIDS?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8																												
1108	Can the virus that causes AIDS be transmitted from a mother to a child?	YES ..... 1 NO ..... 2 DON'T KNOW ..... 8																												

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP																		
1109 A-C	Can the virus that causes AIDS be transmitted from a mother to a child:  A) During pregnancy? B) During delivery? C) By breastfeeding?	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%;">YES</th> <th style="width: 15%;">NO</th> <th style="width: 10%;">DK</th> </tr> </thead> <tbody> <tr> <td>A) DURING PREG .....</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>B) DURING DELIVERY..</td> <td>1</td> <td>2</td> <td>8</td> </tr> <tr> <td>C) BREASTFEEDING...1</td> <td>2</td> <td>2</td> <td>8</td> </tr> </tbody> </table>		YES	NO	DK	A) DURING PREG .....	1	2	8	B) DURING DELIVERY..	1	2	8	C) BREASTFEEDING...1	2	2	8			
	YES	NO	DK																		
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B) DURING DELIVERY..	1	2	8																		
C) BREASTFEEDING...1	2	2	8																		
1110	Are there any drugs that a woman infected with the AIDS virus can take to reduce the risk of transmission to the baby during pregnancy?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> <tr> <td>DON'T KNOW .....</td> <td>8</td> </tr> </tbody> </table>	YES .....	1	NO .....	2	DON'T KNOW .....	8													
YES .....	1																				
NO .....	2																				
DON'T KNOW .....	8																				
1111	Have you ever talked with your partner about ways to prevent getting the virus that causes AIDS?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> </tbody> </table>	YES .....	1	NO .....	2															
YES .....	1																				
NO .....	2																				
1112	Have you ever encouraged someone to use a condom to avoid getting HIV or other sexually transmitted infections?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> <tr> <td>DON'T KNOW .....</td> <td>8</td> </tr> </tbody> </table>	YES .....	1	NO .....	2	DON'T KNOW .....	8													
YES .....	1																				
NO .....	2																				
DON'T KNOW .....	8																				
1113	Have you ever been encouraged by someone to use a condom to avoid getting HIV or other sexually transmitted infections?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> <tr> <td>DON'T KNOW .....</td> <td>8</td> </tr> </tbody> </table>	YES .....	1	NO .....	2	DON'T KNOW .....	8													
YES .....	1																				
NO .....	2																				
DON'T KNOW .....	8																				
1114 a-e	In your opinion, is it acceptable or unacceptable for AIDS to be discussed:  a) On the radio? b) On the TV? c) In newspapers? d) At home? e) In primary schools?	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%;">ACCEPT- ABLE</th> <th style="width: 10%;">NOT ACCEPT- ABLE</th> </tr> </thead> <tbody> <tr> <td>a) ON THE RADIO.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>b) ON THE TV.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>c) IN NEWSPAPERS.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>d) AT HOME.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>e) IN PRIMARY SCHLS.....</td> <td>1</td> <td>2</td> </tr> </tbody> </table>		ACCEPT- ABLE	NOT ACCEPT- ABLE	a) ON THE RADIO.....	1	2	b) ON THE TV.....	1	2	c) IN NEWSPAPERS.....	1	2	d) AT HOME.....	1	2	e) IN PRIMARY SCHLS.....	1	2	
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c) IN NEWSPAPERS.....	1	2																			
d) AT HOME.....	1	2																			
e) IN PRIMARY SCHLS.....	1	2																			
1115	If a member of your family got infected with the virus that causes AIDS, would you want it to remain a secret or not?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> <tr> <td>DK/NOT SURE .....</td> <td>8</td> </tr> </tbody> </table>	YES .....	1	NO .....	2	DK/NOT SURE .....	8													
YES .....	1																				
NO .....	2																				
DK/NOT SURE .....	8																				
1116	Should children age 12-14 be taught about using a condom to avoid AIDS?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> <tr> <td>DK/NOT SURE/DEPENDS.....</td> <td>8</td> </tr> </tbody> </table>	YES .....	1	NO .....	2	DK/NOT SURE/DEPENDS.....	8													
YES .....	1																				
NO .....	2																				
DK/NOT SURE/DEPENDS.....	8																				
1117	Do you know a place where you could go to get an AIDS test?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>YES .....</td> <td>1</td> </tr> <tr> <td>NO .....</td> <td>2</td> </tr> </tbody> </table>	YES .....	1	NO .....	2	<p style="text-align: right;">▲1119</p>														
YES .....	1																				
NO .....	2																				

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
1118	<p>Where can you go for the test?</p> <p><b>RECORD ALL PLACES MENTIONED</b></p> <p>Anywhere else?</p>	<p>PUBLIC SECTOR</p> <p>GOVERNMENT HOSPITAL ..... A</p> <p>GOVT. HEALTH CENTER ..... B</p> <p>FAMILY PLANNING CLINIC ..... C</p> <p>MOBILE CLINIC ..... D</p> <p>DISPENSARY ..... E</p> <p>OTHER PUBLIC _____ F (SPECIFY)</p> <p>PRIVATE MEDICAL SECTOR</p> <p>PRIVATE HOSPITAL/CLINIC ..... G</p> <p>PHARMACY ..... H</p> <p>PRIVATE DOCTOR ..... I</p> <p>MOBILE CLINIC ..... J</p> <p>OTHER PRIVATE MEDICAL _____ K (SPECIFY)</p> <p>OTHER SOURCE</p> <p>PMV ..... L</p> <p>SHOP ..... M</p> <p>CHURCH ..... N</p> <p>FRIENDS/RELATIVES ..... O</p> <p>OTHER _____ P (SPECIFY)</p>	
1119	<p>Apart from AIDS, have you heard about other infections that can be transmitted through sexual contact?</p>	<p>YES ..... 1</p> <p>NO ..... 2</p>	
1120	<p><b>RECORD THE TIME.</b></p>	<p>HOUR </p> <p>MINUTES </p>	

**READ THE FOLLOWING THANK YOU STATEMENT:**

Thank you very much for your time. I greatly appreciate the time you spent with me answering these questions. The information you provided to me will be very helpful in improving the activities of the COMPASS Project and health services for your community. If you have any questions about anything I asked you about, please contact Prof. Adewuyi at 0803-719-3284 at the Center for Research, Evaluation and Resource Development.

INTERVIEWER'S OBSERVATIONS

TO BE FILLED IN AFTER COMPLETING INTERVIEW

COMMENTS ABOUT RESPONDENT:

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COMMENTS ON SPECIFIC QUESTIONS:

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ANY OTHER COMMENTS:

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SUPERVISOR'S OBSERVATIONS

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NAME OF THE SUPERVISOR: \_\_\_\_\_ DATE: \_\_\_\_\_

EDITOR'S OBSERVATIONS

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NAME OF EDITOR: \_\_\_\_\_ DATE: \_\_\_\_\_