

HARMONIZED NIGERIA LIVING STANDARD SURVEY 2009/10: CORE WELFARE INDICATOR QUESTIONNAIRE SURVEY 2009 (PART A)



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1 THE HARMONIZED NIGERIA LIVING STANDARD SURVEY 2009/10

1.1 Survey History & Background

Nigeria's efforts at monitoring and evaluating national programmes and policies started with the analysis of a series of National Consumer Expenditure Surveys. This effort led to the assessment of poverty in Nigeria over a period of sixteen years from 1980 – 1996. The first National Consumer Survey (NCS) was undertaken in 1974. This was followed by annual surveys from 1980 to 1985. Following that, NCS was not conducted until the 1992 and 1996 rounds.

The NCS was initially intended to provide information on the expenditure pattern of household consumption. However, a new dimension to the use of the data set from the survey came in 1992 when the World Bank proposed a poverty analysis for Nigeria using consumer expenditure surveys. This led to the analysis of NCS data sets for 1980, 1985, 1992, and 1996. The analysis led to the publication of the report on poverty trends on Nigeria titled "Poverty Profile for Nigeria 1980-1996". The report was formally launched in April 1999. This report has since served as an important monitoring and evaluation document at various levels of government in Nigeria.

The Harmonized Nigeria Living Standard Survey (HNLSS) 2009/2010 was an enlarged scope of previous National Consumer Surveys and also a follow-up of Nigeria Living Standard Survey (NLSS) 2003/2004. The scope of the NLSS 2009/2010 was enlarged to include: Demography; Health; and Fertility behaviour, Education and Skills/Training; Housing and Housing Condition; Social Capital; Agriculture; Household Income, Consumption and Expenditure. The survey apart from updating the findings of the early rounds also provided guidance on the performance of various Government programmes/policies, such as National Economic Empowerment and Development Strategy (NEEDS); National Poverty Eradication Programme (NAPEP) and Millennium Development Goals (MDG) in areas of poverty reduction and improvement of standard of Living. The NLSS was combined with the Core Welfare Indicators Questionnaire to form what is now the Harmonized Nigeria Living Standard Survey (HNLSS). The HNLSS 2009/2010 provides information on the average Nigerian household's livelihood for the said time period. It gives an account of social and some economic factors of households across the nation, and in some instances providing information based on gender. This report provides information on welfare indicators only.

The HNLSS 2009/10 was funded by the World Bank and the UK Department for International Development (DFID). The Federal Government of Nigeria represented by the National Bureau of Statistics implemented the survey by providing professional leadership.

1.2 Methodology

1.2.1 Coverage

The survey covered all 36 States of the Federation and the Federal Capital Territory (FCT). The welfare approach, also known as Part A component, was conducted in 77,400 households which is an average of one hundred households per Local Government area while the consumption approach (Part B) covered 50 households in each Local Government Area.

1.3 Scope

The overall concern of the study was to generate detailed, multi-sector and policy relevant data through welfare and expenditure approach. Areas covered under Part A of the survey, include health, education, employment, migration, housing, asset ownership, and crime & security.

1.3.1 Sample Design

The sample studied for the Harmonized Nigeria Living Standard was designed to have LGA as reporting domain. However, the sample design for the survey also facilitated the provision of estimates at national and sub-national levels (National, Zone and State).

The sampling frame for all the 774 LGAs in the country used the Enumeration Areas demarcated by the National Population Commission (NPopC) for the 2006 Housing and Population Census. The frame was constructed into replicates such that each LGA had 3 replicates and in each replicate there are 10 EAs serially numbered 01-10. A complete listing of housing units and households was carried out in each of the EAs just before the start of the main survey.

A two-stage sample design was adopted in the survey of which selection of Enumeration Areas (EAs) constituted the first stage/Primary Sampling Units (PSUs), while selection of Households (HHs) formed the second stage/Secondary or Ultimate Sampling Units (USUs).

1.4 The Report

This report provides data a cross-section of indicators that were drawn from HNLSS 2009/10 Part A. All tables are found in the Annexes.

ANNEX 1: Household Characteristics

Table 1 Distribution of Average Household Size

	Household size
NATIONAL TOTAL	5.8
SECTOR	
URBAN TOTAL	5.5
RURAL TOTAL	6.0
STATES	
ABIA	5.2
ADAMAWA	6.2
AKWA IBOM	5.5
ANAMBRA	5.4
BAUCHI	7.1
BAYELSA	5.4
BENUE	6.2
BORNO	6.3
CROSS RIVER	6.0
DELTA	5.0
EBONYI	5.8
EDO	5.5
EKITI	4.7
ENUGU	5.1
FCT ABUJA	5.8
GOMBE	7.0
IMO	5.6
JIGAWA	6.8
KADUNA	6.9
KANO	6.6
KATSINA	6.5
KEBBI	5.5
KOGI	5.4
KWARA	5.4
LAGOS	4.9
NASSARAWA	6.4
NIGER	5.8
OGUN	4.4
ONDO	4.9
OSUN	5.1
OYO	5.1
PLATEAU	6.6
RIVERS	5.6
SOKOTO	6.2
TARABA	6.4
YOBE	6.6
ZAMFARA	5.5

ANNEX 2: Human Development

Table 2 % of Persons Who Can Read Simple Letter in English Language 15 Years and Above

	Yes	No
NATIONAL	48.6	51.4
SECTOR		
URBAN	67.8	32.2
RURAL	41.7	58.3
STATES		
ABIA	76.6	23.4
ADAMAWA	40.5	59.5
AKWA IBOM	75.5	24.5
ANAMBRA	80.0	20.0
BAUCHI	22.7	77.3
BAYELSA	69.6	30.4
BENUE	59.5	40.5
BORNO	23.6	76.4
CROSS RIVER	67.2	32.8
DELTA	61.5	38.5
EBONYI	67.2	32.8
EDO	67.3	32.7
EKITI	64.9	35.1
ENUGU	64.6	35.4
FCT ABUJA	66.4	33.6
GOMBE	29.2	70.8
IMO	76.8	23.2
JIGAWA	17.3	82.7
KADUNA	46.7	53.3
KANO	27.8	72.2
KATSINA	16.7	83.3
KEBBI	16.3	83.7
KOGI	56.6	43.4
KWARA	46.6	53.4
LAGOS	84.3	15.7
NASSARAWA	49.4	50.6
NIGER	35.0	65.0
OGUN	61.4	38.6
ONDO	67.3	32.7
OSUN	59.1	40.9
OYO	57.9	42.1
PLATEAU	54.4	45.6
RIVERS	84.0	16.0
SOKOTO	15.0	85.0
TARABA	39.3	60.7
YOBE	19.2	80.8
ZAMFARA	14.9	85.1
GENDER		
Male	55.5	44.5
Female	41.7	58.3

Table 3 Percentage of Persons Who Can Read and Write in Hausa, Ibo or Yoruba, 15 Years and Above

	Hausa	Ibo	Yoruba	Other
NATIONAL	26.1	16.3	22.5	35.1
SECTOR				
URBAN	19.6	14.5	44.0	21.8
RURAL	29.6	17.3	10.7	42.3
STATES				
ABIA	0.9	87.2	0.4	11.5
ADAMAWA	77.6	0.5	1.2	20.7
AKWA IBOM	0.5	1.0	0.8	97.7
ANAMBRA	0.5	84.4	0.3	14.8
BAUCHI	81.1	0.1	1.0	17.8
BAYELSA	0.6	1.6	0.6	97.2
BENUE	0.5	0.3	0.2	99.1
BORNO	51.2	1.1	1.9	45.8
CROSS RIVER	0.7	3.6	2.2	93.5
DELTA	3.0	21.5	3.4	72.0
EBONYI	1.0	69.3	0.1	29.7
EDO	0.6	2.9	5.0	91.5
EKITI	0.3	1.8	89.1	8.8
ENUGU	0.6	92.5	0.5	6.5
FCT ABUJA	46.1	10.2	17.7	26.0
GOMBE	69.7	0.7	0.3	29.3
IMO	1.1	71.1	0.3	27.6
JIGAWA	82.4	0.5	1.1	16.0
KADUNA	79.4	1.8	1.3	17.6
KANO	63.2	0.8	5.4	30.6
KATSINA	70.3	0.4	0.7	28.7
KEBBI	64.3	0.3	1.1	34.3
KOGI	6.2	1.4	44.3	48.1
KWARA	2.3	0.6	81.1	16.1
LAGOS	2.0	16.6	69.8	11.5
NASSARAWA	75.5	1.5	1.3	21.7
NIGER	52.9	2.5	4.2	40.3
OGUN	0.6	2.0	93.1	4.2
ONDO	0.4	3.9	90.0	5.6
OSUN	1.4	1.2	96.0	1.4
OYO	0.7	0.9	84.4	14.0
PLATEAU	90.6	1.0	1.1	7.3
RIVERS	0.6	7.0	0.8	91.6
SOKOTO	60.2	0.3	0.5	39.1
TARABA	49.3	0.2	1.2	49.4
YOBE	56.4	2.1	2.1	39.5
ZAMFARA	49.0	0.9	0.9	49.2
GENDER				
Male	29.2	14.6	21.0	35.2
Female	22.1	18.5	24.4	35.0

Table 4 Percentage Distribution of Persons 15 Years and Above Who Attended a Literacy Course

	Yes	No
NATIONAL	1.4	98.6
SECTOR		
URBAN	1.5	98.5
RURAL	1.4	98.6
STATES		
ABIA	1.2	98.8
ADAMAWA	1.9	98.1
AKWA IBOM	1.6	98.4
ANAMBRA	1.0	99.0
BAUCHI	1.6	98.4
BAYELSA	2.0	98.0
BENUE	1.1	98.9
BORNO	1.4	98.6
CROSS RIVER	1.5	98.5
DELTA	1.3	98.7
EBONYI	0.4	99.6
EDO	0.7	99.3
EKITI	2.6	97.4
ENUGU	0.9	99.1
FCT ABUJA	0.6	99.4
GOMBE	1.5	98.5
IMO	1.0	99.0
JIGAWA	2.6	97.4
KADUNA	2.2	97.8
KANO	1.0	99.0
KATSINA	1.5	98.5
KEBBI	1.9	98.1
KOGI	0.6	99.4
KWARA	1.3	98.7
LAGOS	1.1	98.9
NASSARAWA	0.5	99.5
NIGER	2.0	98.0
OGUN	0.9	99.1
ONDO	1.2	98.8
OSUN	1.4	98.6
OYO	0.9	99.1
PLATEAU	1.8	98.2
RIVERS	1.2	98.8
SOKOTO	1.9	98.1
TARABA	1.6	98.4
YOBE	1.8	98.2
ZAMFARA	1.3	98.7
GENDER		
Male	1.7	98.3
Female	1.1	98.9

Table 5 Percentage Distribution of Persons by Highest Grade of Education Completed

	None	Nursery	Primary	Secondary	Post-secondary
NATIONAL	48.1	0.1	30.7	16.2	5.0
SECTOR					
RURAL	53.5	0.1	30.0	13.2	3.2
URBAN	31.8	0.1	32.8	25.1	10.2
STATES					
ABIA	20.5	0.0	43.8	29.0	6.7
ADAMAWA	52.9	0.2	29.2	13.8	4.0
AKWA IBOM	25.9	0.1	49.6	20.2	4.2
ANAMBRA	20.3	0.0	47.8	26.3	5.6
BAUCHI	71.0	0.1	19.7	7.1	2.0
BAYELSA	26.4	0.2	41.6	26.0	5.8
BENUE	34.4	0.0	42.2	19.7	3.7
BORNO	74.2	0.2	14.7	8.1	2.8
CROSS RIVER	26.6	0.3	45.4	22.1	5.6
DELTA	29.6	0.1	34.5	26.9	8.9
EBONYI	29.8	0.0	49.3	18.0	2.9
EDO	26.7	0.1	41.2	25.1	6.8
EKITI	27.9	0.1	38.2	22.5	11.2
ENUGU	31.1	0.0	42.4	19.7	6.8
FCT ABUJA	36.2	0.2	34.1	18.5	11.1
GOMBE	65.7	0.1	21.1	9.9	3.1
IMO	18.5	0.0	42.2	30.6	8.7
JIGAWA	73.2	0.0	20.0	5.0	1.9
KADUNA	47.9	0.0	32.2	15.5	4.3
KANO	63.4	0.2	26.5	7.2	2.7
KATSINA	74.4	0.0	19.0	4.6	2.0
KEBBI	77.8	0.0	13.7	6.2	2.2
KOGI	37.7	0.1	33.5	21.6	7.2
KWARA	47.0	0.0	31.3	14.5	7.2
LAGOS	18.6	0.3	29.6	38.2	13.3
NASSARAWA	44.6	0.0	34.6	15.8	5.0
NIGER	61.2	0.1	24.7	10.0	4.0
OGUN	32.0	0.0	38.9	21.8	7.4
ONDO	27.5	0.1	40.9	23.3	8.2
OSUN	31.6	0.0	35.8	24.5	8.1
OYO	37.5	0.0	34.9	20.0	7.6
PLATEAU	39.6	0.0	41.2	15.1	4.1
RIVERS	18.5	0.2	33.8	37.9	9.6
SOKOTO	79.8	0.1	13.1	5.1	1.9
TARABA	54.7	0.1	26.9	14.0	4.3
YOBE	78.1	0.2	14.0	5.8	1.9
ZAMFARA	80.9	0.0	10.7	5.9	2.4
GENDER					
FEMALE	52.1	0.1	29.7	14.4	3.8
MALE	44.2	0.1	31.7	17.9	6.1

ANNEX 3: Healthcare & Services

Table 6 Percentage Distribution of Household by Bednet Type Ownership

	None	LLITN	Pre-treated net	Ordinary net	Not Available
CROSS RIVER	93.7	1.6	0.9	3.7	0.0
SECTOR					
URBAN	94.9	1.5	1.0	2.6	0.0
RURAL	93.0	1.7	0.8	4.4	0.0
STATES					
ABIA	97.8	1.5	0.3	0.5	0.0
ADAMAWA	93.9	1.0	0.5	4.5	0.0
AKWA IBOM	94.2	3.7	1.2	0.9	0.0
ANAMBRA	95.4	1.2	0.9	2.5	0.0
BAUCHI	92.5	3.5	1.8	2.3	0.0
BAYELSA	93.2	2.4	0.9	3.5	0.0
BENUE	96.9	0.6	0.3	2.2	0.0
BORNO	78.8	1.7	0.5	19.0	0.0
CROSS RIVER	81.5	10.7	5.2	2.6	0.0
DELTA	93.7	0.5	0.9	4.4	0.4
EBONYI	98.3	0.9	0.4	0.4	0.0
EDO	98.0	0.6	0.4	0.9	0.0
EKITI	95.8	1.7	1.9	0.7	0.0
ENUGU	98.5	0.9	0.3	0.3	0.0
FCT ABUJA	94.0	2.8	2.5	0.7	0.0
GOMBE	86.0	3.2	1.7	9.2	0.0
IMO	95.4	3.1	0.3	1.3	0.0
JIGAWA	85.3	4.4	2.2	8.0	0.1
KADUNA	97.2	1.4	0.4	1.0	0.0
KANO	88.4	1.2	0.6	9.8	0.0
KATSINA	98.6	0.3	0.2	1.0	0.0
KEBBI	89.1	0.8	0.5	9.7	0.0
KOGI	92.1	0.9	0.4	6.6	0.0
KWARA	96.3	1.9	0.7	1.1	0.0
LAGOS	96.2	1.4	1.3	1.0	0.0
NASSARAWA	93.9	2.5	1.1	2.5	0.0
NIGER	94.3	0.3	1.0	4.4	0.0
OGUN	97.5	1.3	0.5	0.7	0.0
ONDO	94.1	0.5	0.9	4.5	0.0
OSUN	97.9	0.5	0.8	0.7	0.0
OYO	97.9	0.3	0.3	1.5	0.0
PLATEAU	94.2	2.5	0.9	2.5	0.0
RIVERS	94.6	1.9	1.8	1.7	0.0
SOKOTO	90.8	1.3	0.6	7.3	0.0
TARABA	96.7	1.0	0.5	1.7	0.0
YOBE	83.7	2.2	1.0	13.1	0.0
ZAMFARA	97.7	0.5	0.6	1.2	0.0

Table 7 Percentage Distribution of Vaccinated Children 5 Years and Below who By Type of Vaccine

	DPT	POLIO	MEASLES	BCG
NATIONAL	2.2	14.4	8.0	75.3
SECTOR				
URBAN	1.5	8.5	5.7	84.3
RURAL	2.9	19.9	10.2	67.0
STATES				
ABIA	0.8	1.3	11.5	86.4
ADAMAWA	4.7	20.2	13.2	61.9
AKWA IBOM	1.8	11.6	10.8	75.8
ANAMBRA	1.1	2.2	3.3	93.4
BAUCHI	4.8	22.0	14.0	59.3
BAYELSA	8.7	21.1	12.7	57.5
BENUE	1.2	18.5	13.3	67.0
BORNO	5.7	33.0	5.9	55.4
CROSS RIVER	2.2	7.2	6.7	83.8
DELTA	5.5	7.2	5.0	82.3
EBONYI	0.9	2.4	9.3	87.4
EDO	2.5	4.6	2.1	90.7
EKITI	0.7	3.0	2.9	93.4
ENUGU	0.0	3.7	7.8	88.4
FCT ABUJA	0.1	6.4	8.9	84.5
GOMBE	4.9	29.7	2.2	63.2
IMO	0.7	4.1	10.3	84.8
JIGAWA	3.7	54.3	7.4	34.5
KADUNA	2.8	17.9	7.5	71.8
KANO	2.0	32.6	8.9	56.6
KATSINA	4.2	37.9	4.5	53.4
KEBBI	1.6	28.9	17.9	51.6
KOGI	3.9	13.9	9.5	72.7

	DPT	POLIO	MEASLES	BCG
KWARA	0.7	5.8	8.2	85.3
LAGOS	0.6	2.2	4.0	93.2
NASSARAWA	0.7	11.6	21.9	65.8
NIGER	2.4	11.7	12.2	73.7
OGUN	0.9	20.7	6.1	72.4
ONDO	3.0	9.0	9.2	78.9
OSUN	1.8	20.3	1.6	76.3
OYO	1.6	12.9	4.4	81.1
PLATEAU	1.1	4.6	8.5	85.8
RIVERS	2.5	9.8	14.4	73.2
SOKOTO	4.5	31.5	18.2	45.8
TARABA	7.2	18.6	11.2	63.0
YOBE	10.7	37.0	16.1	36.1
ZAMFARA	0.0	35.6	6.9	57.5

Table 8 Percentage Distribution of Reasons Given for not Using Post-natal Services

	Not affordable	No health care available	Health care too far	Not necessary	Other
NATIONAL	8.9	13.4	18.5	45	14.1
SECTOR					
URBAN	13.1	5.1	7.5	53.7	20.5
RURAL	8.3	14.8	20.3	43.6	13
STATES					
ABIA	12.5	6.3	12.5	31.3	37.5
ADAMAWA	4.7	14.1	22.8	20.1	38.3
AKWA IBOM	30.2	9.5	17.2	37.9	5.2
ANAMBRA	9.1	9.1	18.2	31.8	31.8
BAUCHI	2.4	19	21.4	36.7	20.5
BAYELSA	10.7	21.4	33.9	21.4	12.5
BENUE	12.4	8.3	12.4	20.7	46.2
BORNO	6.9	32.7	25.2	32	3.3
CROSS RIVER	42.9	8.2	10.2	36.7	2
DELTA	41.7	5.6	8.3	5.6	38.9
EBONYI	25	4.5	47.7	11.4	11.4
EDO	15	5	5	70	5
EKITI	6.7	0	0	86.7	6.7
ENUGU	22.2	0	22.2	33.3	22.2
FCT ABUJA	16.7	0	66.7	16.7	0
GOMBE	0	47.7	33.6	6.5	12.1
IMO	27.6	13.8	20.7	24.1	13.8
JIGAWA	14.8	12.3	23.7	44.7	4.5
KADUNA	6.8	14.2	18.2	50	10.8
KANO	5	4.7	23.1	53	14.3
KATSINA	6.2	11.3	11.9	60.7	9.9
KEBBI	5.4	7.3	13.7	69.7	3.9
KOGI	37.6	12.9	24.7	23.5	1.2
KWARA	0	8.1	21.6	40.5	29.7
LAGOS	16.7	16.7	0	16.7	50
NASSARAWA	17.1	20	5.7	48.6	8.6
NIGER	2.5	11.2	25.7	55.1	5.4
OGUN	10	10	20	30	30
ONDO	11.4	0	22.7	43.2	22.7
OSUN	8.7	8.7	17.4	26.1	39.1
OYO	11.1	7.8	17.8	33.3	30
PLATEAU	17.4	14.5	20.3	37.7	10.1
RIVERS	21.3	11.3	5	41.3	21.3
SOKOTO	4.2	16.1	17.9	58.8	3
TARABA	12.4	15.4	12.8	25.2	34.2
YOBE	4.2	22	15.8	26.2	31.7
ZAMFARA	12.4	6.7	12.9	63.1	4.9

Table 9 Percentage Distribution of Reasons Given for not using Pre-natal Services

	Not affordable	No health care available	Health care too far	Not necessary	Other
NATIONAL	12.1	14.9	16.4	43.7	12.9
SECTOR					
URBAN	14	5.2	6.6	54.7	19.6
RURAL	11.8	16.5	17.9	42	11.9
STATES					
ABIA	15.6	6.3	9.4	34.4	34.4
ADAMAWA	10.1	16.1	16.8	18.8	38.3
AKWA IBOM	29.3	8.6	14.7	44.8	2.6
ANAMBRA	9.1	9.1	18.2	36.4	27.3
BAUCHI	2.1	20.5	21.4	35.2	20.8
BAYELSA	10.7	46.4	3.6	23.2	16.1
BENUE	15.2	7.6	11.7	20.7	44.8
BORNO	5.6	36.6	21.2	33.3	3.3
CROSS RIVER	42.9	8.2	12.2	34.7	2
DELTA	50	5.6	2.8	11.1	30.6
EBONYI	31.8	4.5	38.6	15.9	9.1
EDO	15	7.5	2.5	47.5	27.5
EKITI	6.7	0	0	86.7	6.7
ENUGU	11.1	0	22.2	33.3	33.3
FCT ABUJA	16.7	16.7	50	16.7	0
GOMBE	1.9	41.1	33.6	8.4	15
IMO	41.4	13.8	13.8	20.7	10.3
JIGAWA	16.8	17.4	18.8	44.1	2.9
KADUNA	8.1	16.2	17.6	50	8.1
KANO	6.1	4.7	22	52.8	14.4
KATSINA	8.8	10.2	12.9	65.4	2.8
KEBBI	16.8	11.8	7.3	61.8	2.3
KOGI	36.5	11.8	27.1	24.7	0
KWARA	0	8.1	21.6	40.5	29.7
LAGOS	16.7	0	16.7	16.7	50
NASSARAWA	17.1	17.1	8.6	51.4	5.7
NIGER	2.9	12.7	24.6	54	5.8
OGUN	0	10	20	30	40
ONDO	11.4	0	18.2	45.5	25
OSUN	4.3	8.7	17.4	30.4	39.1
OYO	10	8.9	18.9	32.2	30
PLATEAU	20.3	13	20.3	36.2	10.1
RIVERS	42.5	10	3.8	23.8	20

	Not affordable	No health care available	Health care too far	Not necessary	Other
SOKOTO	16.4	17.1	14.9	47.9	3.7
TARABA	12.8	16.2	12.4	24.8	33.8
YOBE	5.2	21.5	17.3	24	31.9
ZAMFARA	16	14.2	5.8	62.2	1.8

ANNEX 4: Housing

Table 10 Percentage Distribution of Households by Type of Material used for Walls

	Mud	Stone	Burnt bricks	Cement or concrete	Wood or bamboo	Iron sheets	Cardboard	Other
NATIONAL	46.0	0.5	1.0	48.9	1.1	0.3	0.2	1.9
SECTOR								
URBAN	18.5	0.4	1.1	77.6	1.0	0.3	0.3	0.9
RURAL	63.9	0.6	0.9	30.2	1.3	0.4	0.2	2.5
STATES								
ABIA	15.9	0.0	0.9	80.3	0.2	0.2	0.2	2.3
ADAMAWA	71.5	0.2	1.2	21.3	0.1	0.5	0.2	5.0
AKWA IBOM	29.2	4.3	0.3	63.7	1.8	0.1	0.1	0.5
ANAMBRA	8.3	0.0	0.1	89.4	0.2	0.4	0.3	1.3
BAUCHI	80.3	0.1	1.4	10.1	1.4	0.1	0.1	6.4
BAYELSA	28.3	0.4	0.0	60.8	6.2	2.3	0.0	2.0
BENUE	71.9	0.1	3.3	21.6	0.4	0.2	0.0	2.5
BORNO	62.8	1.3	2.5	22.3	1.1	1.4	0.1	8.6
C/ RIVER	55.3	0.2	3.4	38.7	0.9	0.2	0.1	1.3
DELTA	18.2	0.1	1.0	76.2	3.1	0.5	0.2	0.7
EBONYI	73.8	0.0	0.1	20.2	0.0	0.3	0.0	5.5
EDO	28.3	0.0	3.8	66.4	0.4	0.0	0.0	1.1
EKITI	27.0	0.0	0.6	71.8	0.1	0.1	0.0	0.3
ENUGU	25.8	0.1	0.3	72.4	0.3	0.3	0.1	0.7
FCT ABUJA	35.7	0.1	0.2	62.3	0.0	0.9	0.0	0.8
GOMBE	86.5	0.0	0.7	9.5	0.9	0.1	0.0	2.2
IMO	10.6	0.1	0.4	87.6	0.1	0.1	0.2	0.8
JIGAWA	87.4	0.2	0.6	5.3	1.6	0.1	0.5	4.4
KADUNA	74.7	0.1	0.9	23.4	0.2	0.0	0.2	0.5
KANO	75.4	0.0	0.6	20.6	0.7	0.1	0.2	2.4
KATSINA	85.3	0.1	0.2	10.9	0.2	0.0	0.1	3.2
KEBBI	88.0	0.1	0.3	9.7	0.0	0.1	0.1	1.7
KOGI	53.7	0.0	1.4	43.3	0.8	0.1	0.0	0.7
KWARA	32.0	0.0	0.1	65.7	0.6	0.2	0.4	0.9
LAGOS	1.4	0.2	0.4	95.7	1.3	0.1	0.7	0.2
NASSARAWA	69.3	0.1	0.4	27.5	0.3	0.4	0.3	1.8
NIGER	60.4	0.2	1.4	35.8	0.2	0.1	0.1	1.9
OGUN	13.8	0.2	0.8	84.2	0.2	0.1	0.0	0.7
ONDO	36.8	0.0	0.5	51.5	10.0	0.6	0.3	0.3
OSUN	26.6	0.1	1.7	70.8	0.2	0.0	0.1	0.6
OYO	37.4	0.1	1.5	59.2	0.7	0.1	0.2	0.8
PLATEAU	76.1	0.4	0.4	22.2	0.0	0.1	0.1	0.8

	Mud	Stone	Burnt bricks	Cement or concrete	Wood or bamboo	Iron sheets	Cardboard	Other
RIVERS	14.4	6.5	0.8	70.9	2.3	2.9	0.4	1.8
SOKOTO	78.9	1.0	0.9	16.5	0.1	0.4	0.4	1.9
TARABA	78.8	0.1	2.8	15.3	0.1	0.3	0.1	2.6
YOBE	73.2	0.3	0.8	10.7	5.4	0.6	0.1	8.9
ZAMFARA	84.0	0.1	1.3	12.6	0.3	0.0	0.3	1.5

Table 11 Percentage Distribution of Households by Type of Roofing Material

	Mud or mud bricks	Thatch	Wood or bamboo	Corrugated iron sheets	Cement or concrete	Roofing tiles	Asbestos	Other
National	10.2	12.3	1.7	69.4	0.9	0.8	3.9	0.8
SECTOR								
URBAN	3.7	2.0	0.6	83.5	1.3	1.0	7.4	0.5
RURAL	14.6	19.1	2.4	60.2	0.6	0.7	1.5	1.0
STATES								
ABIA	2.8	4.0	0.0	92.1	0.2	0.1	0.6	0.1
ADAMAWA	4.6	43.0	1.7	48.4	0.5	0.1	0.9	0.9
AKWA IBOM	3.2	12.8	0.7	81.1	0.1	0.2	1.9	0.0
ANAMBRA	2.8	2.2	0.3	88.8	1.0	0.5	3.2	1.2
BAUCHI	9.0	50.6	2.3	36.3	0.3	0.6	0.8	0.2
BAYELSA	3.1	7.4	0.2	85.3	0.1	0.5	1.3	2.1
BENUE	4.1	44.9	0.5	48.8	0.4	0.5	0.4	0.3
BORNO	8.4	31.3	1.8	56.1	0.0	0.9	0.8	0.8
C/ RIVER	2.4	8.0	1.4	87.3	0.6	0.0	0.1	0.1
DELTA	0.9	4.3	0.4	80.2	0.3	1.7	11.0	1.3
EBONYI	6.7	26.6	1.0	63.8	0.1	0.2	0.3	1.2
EDO	0.9	2.9	0.1	91.4	0.7	0.0	3.8	0.2
EKITI	0.9	1.1	0.1	97.2	0.3	0.1	0.1	0.2
ENUGU	2.7	3.1	1.7	88.8	1.3	0.0	1.3	1.1
FCT	1.4	0.8	0.4	90.7	0.0	2.9	3.9	0.0
GOMBE	16.1	36.6	2.0	42.7	0.0	0.1	0.7	1.9
IMO	2.5	1.8	9.1	83.2	0.3	0.1	2.3	0.6
JIGAWA	55.6	9.1	5.7	23.9	1.8	1.3	0.6	2.0
KADUNA	14.0	8.7	1.4	71.3	1.1	1.1	1.3	1.1
KANO	20.4	23.5	4.7	48.2	1.4	0.9	0.2	0.8
KATSINA	45.1	9.0	4.4	37.1	1.1	0.1	0.5	2.6
KEBBI	29.4	34.4	0.8	31.6	0.7	0.2	1.9	1.0
KOGI	4.1	4.4	1.1	84.1	4.5	0.8	0.8	0.2
KWARA	1.9	6.5	1.3	85.5	0.2	0.0	4.5	0.1
LAGOS	4.2	0.2	0.5	70.4	2.1	0.4	21.8	0.5
NASSARAWA	2.2	7.2	1.7	86.9	0.4	0.7	0.7	0.3
NIGER	3.4	11.3	2.5	77.2	0.4	2.4	2.5	0.4
OGUN	2.8	0.2	1.5	76.0	1.8	4.7	12.6	0.4
ONDO	1.5	0.8	1.4	94.0	0.1	0.1	1.9	0.1
OSUN	0.8	0.7	0.3	97.0	0.2	0.2	0.6	0.2
OYO	1.1	6.3	0.4	89.8	0.1	0.1	2.0	0.3

	Mud or mud bricks	Thatch	Wood or bamboo	Corrugated iron sheets	Cement or concrete	Roofing tiles	Asbestos	Other
PLATEAU	5.0	27.8	0.4	63.4	2.1	0.7	0.4	0.2
RIVERS	3.4	5.5	0.4	77.3	0.5	3.6	8.6	0.6
SOKOTO	37.2	17.5	0.5	42.8	0.4	0.3	0.6	0.7
TARABA	8.6	41.8	1.0	40.3	0.7	0.1	1.3	6.1
YOBE	27.0	21.7	2.7	42.1	0.3	0.0	0.2	6.0
ZAMFARA	52.7	7.6	5.1	30.9	1.9	0.9	0.5	0.5

Table 12 Percentage Distribution of Households by Type of Flooring Materials

	Earth or mud	Wood or tile	Plank	Concrete	Dirt or straw	Other
NATIONAL	30.9	0.9	0.6	63.2	2.2	2.1
SECTOR						
URBAN	8.7	1.2	0.7	87.2	0.6	1.6
RURAL	45.3	0.8	0.6	47.5	3.3	2.5
STATES						
ABIA	9.1	0.5	0.0	85.8	2.2	2.3
ADAMAWA	48.4	0.8	0.1	38.7	7.6	4.4
AKWA IBOM	27.2	0.2	0.2	69.7	2.3	0.5
ANAMBRA	7.0	0.5	0.0	91.0	0.0	1.5
BAUCHI	50.8	1.3	0.1	30.1	11.9	5.8
BAYELSA	23.8	1.1	1.3	71.6	0.1	2.1
BENUE	50.1	0.3	1.0	44.1	0.8	3.9
BORNO	61.5	1.1	0.3	30.7	2.9	3.4
C/ RIVER	36.7	0.2	0.1	59.0	2.7	1.3
DELTA	13.2	1.8	1.2	79.7	0.1	3.9
EBONYI	70.2	1.4	0.0	25.6	0.2	2.5
EDO	17.3	0.9	0.1	79.0	1.7	1.1
EKITI	15.3	0.2	0.0	84.1	0.2	0.2
ENUGU	16.9	0.0	0.0	81.9	0.7	0.4
FCT ABUJA	9.0	9.1	0.0	80.9	0.1	0.8
GOMBE	61.4	0.4	0.0	29.6	3.8	4.9
IMO	9.1	0.1	0.0	88.4	0.8	1.6
JIGAWA	78.7	0.3	0.2	17.5	1.6	1.7
KADUNA	33.2	0.6	0.6	62.8	1.3	1.4
KANO	56.7	1.1	0.3	35.8	3.1	3.0
KATSINA	62.8	0.4	0.2	26.1	0.6	9.9
KEBBI	67.1	0.9	0.2	23.7	7.0	1.1
KOGI	25.6	0.1	0.2	73.0	0.4	0.7
KWARA	22.7	0.4	0.1	75.6	0.8	0.4
LAGOS	1.0	0.3	0.1	97.8	0.5	0.3
NASSARAWA	17.7	6.8	4.8	59.7	8.8	2.2
NIGER	19.0	0.3	1.9	72.3	5.3	1.2
OGUN	7.9	0.5	0.3	89.9	0.4	0.9
ONDO	15.1	2.6	7.4	73.5	0.5	0.9

	Earth or mud	Wood or tile	Plank	Concrete	Dirt or straw	Other
OSUN	14.1	0.2	0.0	82.7	2.1	0.8
OYO	16.4	1.0	0.6	79.7	1.8	0.5
PLATEAU	27.2	0.8	0.6	61.9	8.8	0.7
RIVERS	13.4	3.8	0.2	79.9	0.4	2.3
SOKOTO	67.8	0.6	0.3	20.4	9.0	1.9
TARABA	64.3	0.6	1.1	27.6	1.0	5.3
YOBE	69.3	0.4	0.3	20.0	2.0	8.0
ZAMFARA	54.8	0.9	1.3	40.6	1.1	1.2

Table 13 Percentage Distribution of Households by Source of Cooking Fuel

	Firewood	Charcoal	Kerosene or oil	Gas	Electricity	Crop residue or sawdust	Animal waste	Other
NATIONAL SECTOR	69.1	1.7	25.1	1.0	0.4	0.5	0.1	2.0
URBAN	40.1	3.6	51.7	2.1	0.8	0.2	0.1	1.5
RURAL	88.0	0.5	7.9	0.4	0.2	0.6	0.1	2.4
STATES								
BENUE	94.4	0.7	2.7	0.2	0.0	0.0	0.1	1.9
KOGI	75.6	1.1	20.3	0.2	1.0	0.0	0.1	1.8
KWARA	53.2	19.1	25.3	0.3	0.9	0.4	0.1	0.6
NASSARAWA	89.9	0.9	6.9	1.5	0.0	0.0	0.0	0.7
NIGER	82.2	5.7	9.5	0.5	0.2	0.0	0.0	1.8
PLATEAU	82.5	1.4	13.1	0.5	0.1	0.6	0.2	1.7
FCT ABUJA	40.6	5.8	45.1	4.1	3.6	0.0	0.0	0.8
ADAMAWA	87.1	0.3	6.4	0.3	0.1	0.2	0.1	5.5
BAUCHI	92.5	0.1	1.8	0.6	0.1	0.4	0.0	4.5
BORNO	90.9	1.2	2.9	0.7	0.2	0.1	0.6	3.5
GOMBE	91.5	0.4	1.9	0.2	0.5	2.9	0.0	2.5
TARABA	95.0	0.3	1.1	0.4	0.0	0.2	0.1	2.9
YOBE	88.3	0.6	1.6	0.7	0.2	1.9	0.0	6.7
JIGAWA	95.1	0.3	1.1	0.1	0.1	0.3	0.0	3.0
KADUNA	88.8	0.8	6.9	0.9	0.7	0.2	0.1	1.7
KANO	82.6	0.7	8.6	0.8	0.2	4.1	0.1	3.0
KATSINA	92.8	0.5	1.5	0.2	0.4	0.3	0.8	3.4
KEBBI	95.4	0.2	1.1	0.6	0.0	0.3	0.2	2.1
SOKOTO	94.3	0.2	1.7	0.2	0.1	0.1	0.1	3.3
ZAMFARA	95.6	0.0	1.1	0.3	0.0	0.4	0.1	2.6
ABIA	63.0	0.4	32.5	1.0	0.1	0.1	0.2	2.7
ANAMBRA	59.4	0.8	36.5	0.6	0.6	0.0	0.1	1.8
EBONYI	89.3	0.0	2.6	0.3	0.0	4.1	0.0	3.8
ENUGU	72.8	0.6	24.0	1.1	0.3	0.0	0.0	1.2

	Firewood	Charcoal	Kerosene or oil	Gas	Electricity	Crop residue or sawdust	Animal waste	Other
IMO	88.5	0.2	8.5	0.4	0.1	0.2	0.1	2.1
AKWA IBOM	78.7	0.4	17.7	0.6	1.0	0.1	0.0	1.6
BAYELSA	54.9	0.3	42.8	0.6	0.4	0.0	0.0	0.9
C/ RIVER	79.2	0.1	18.3	0.4	0.0	0.1	0.1	1.8
DELTA	55.6	0.2	40.4	1.9	0.2	0.1	0.2	1.4
EDO	50.4	0.5	44.1	1.7	0.3	0.0	0.1	3.0
RIVERS	61.0	0.5	33.7	2.6	0.8	0.0	0.0	1.3
EKITI	58.3	1.2	38.6	0.8	0.6	0.1	0.0	0.4
LAGOS	4.7	2.5	87.1	4.0	0.9	0.0	0.0	0.8
OGUN	36.2	0.8	60.3	1.6	0.3	0.0	0.0	0.8
ONDO	69.4	0.4	29.1	0.4	0.2	0.0	0.1	0.5
OSUN	48.9	5.7	42.4	0.9	0.9	0.2	0.0	1.0
OYO	46.9	9.3	41.7	0.9	0.3	0.0	0.0	0.9

Table 14 Percentage Distribution of Households by Source of Lighting

	Kerosene	Gas	Mains electricity	Generator	Solar panel	Battery	Candles	Firewood	Other
NATIONAL SECTOR	57.5	0.3	33.7	1.9	0.2	2.7	0.8	2.0	0.8
URBAN	33.7	0.4	60.4	2.9	0.4	0.9	0.3	0.8	0.3
RURAL	73.3	0.3	16.1	1.2	0.1	3.9	1.2	2.8	1.2
STATES									
ABIA	68.7	0.0	29.7	1.0	0.1	0.0	0.1	0.4	0.1
ADAMAWA	63.9	0.4	16.6	1.9	0.1	5.4	0.8	1.9	8.9
AKWA IBOM	78.6	0.1	19.5	0.8	0.0	0.0	0.2	0.8	0.0
ANAMBRA	37.4	1.3	59.4	1.1	0.4	0.0	0.1	0.2	0.1
BAUCHI	70.0	0.1	17.8	0.7	0.0	5.3	0.3	4.6	1.1
BAYELSA	73.4	0.0	11.3	11.6	0.0	0.4	1.0	2.0	0.3
BENUE	87.6	0.9	8.6	1.1	0.1	0.4	0.4	0.6	0.3
BORNO	53.9	0.2	9.3	2.2	0.0	9.9	1.2	21.5	1.7
CROSS RIVER	74.6	0.4	22.6	1.2	0.0	0.1	0.1	0.2	0.8
DELTA	42.5	0.3	52.7	2.6	0.5	0.2	0.5	0.6	0.2
EBONYI	91.3	0.0	4.3	0.1	0.1	0.0	3.8	0.3	0.0
EDO	25.9	0.4	71.0	1.2	0.8	0.0	0.1	0.7	0.0
EKITI	47.1	0.1	51.5	0.5	0.1	0.2	0.1	0.3	0.1
ENUGU	61.2	0.4	37.2	0.3	0.1	0.0	0.1	0.6	0.1
FCT ABUJA	31.7	0.0	64.8	3.0	0.4	0.0	0.0	0.0	0.0
GOMBE	59.8	0.0	23.1	0.3	0.0	11.0	0.1	5.4	0.2
IMO	75.1	0.3	19.8	0.8	0.3	0.1	0.7	2.7	0.2
JIGAWA	72.7	0.2	12.0	0.5	0.5	8.1	0.9	2.3	2.8
KADUNA	58.0	0.3	28.6	1.5	0.2	6.7	1.1	2.0	1.6

	Kerosene	Gas	Mains electricity	Generator	Solar panel	Battery	Candles	Firewood	Other
KANO	53.5	0.5	23.4	1.4	0.3	15.4	0.5	3.5	1.5
KATSINA	68.5	0.2	15.4	0.8	0.3	3.8	5.6	4.7	0.8
KEBBI	72.8	0.4	20.4	0.5	0.2	2.5	0.4	2.8	0.1
KOGI	61.5	0.1	33.3	1.9	0.1	0.5	0.5	1.0	1.1
KWARA	38.9	0.1	56.4	1.2	0.2	0.2	0.1	1.4	1.4
LAGOS	10.8	0.4	79.7	7.8	0.3	0.1	0.2	0.1	0.6
NASSARAWA	79.0	0.7	15.9	2.5	0.0	1.0	0.3	0.4	0.1
NIGER	66.1	0.1	23.7	0.6	0.1	3.5	2.7	2.7	0.4
OGUN	36.9	0.4	59.1	2.4	0.1	0.0	0.4	0.5	0.3
ONDO	66.2	0.0	32.6	0.4	0.3	0.0	0.0	0.2	0.1
OSUN	50.0	0.1	48.3	0.7	0.2	0.1	0.2	0.5	0.0
OYO	56.0	0.2	38.7	2.3	0.2	0.5	0.2	0.2	1.7
PLATEAU	76.7	0.6	13.8	0.9	0.1	6.8	0.2	0.8	0.1
RIVERS	62.0	0.7	30.5	2.8	0.4	0.0	1.1	2.0	0.5
SOKOTO	74.6	0.6	16.9	0.4	0.1	1.0	3.3	0.7	2.3
TARABA	83.6	0.0	5.1	1.5	0.0	6.8	0.8	2.1	0.0
YOBE	57.9	0.5	14.9	1.0	1.2	12.2	3.6	8.1	0.7
ZAMFARA	88.5	0.0	7.5	0.2	0.1	1.0	1.5	1.0	0.2

Table 15 Percentage Distribution of Households by Main Source of Drinking Water

	Piped into dwelling	Piped into yard	Public tap	Tube well or borehole	Protected dug well	Unprotected dug well	Protected spring	Unprotected spring
NATIONAL SECTOR	3.7	1.8	7.2	29.6	14.6	13.6	0.5	0.9
URBAN	6.3	3.3	11.5	37.5	18.5	3.9	0.3	0.2
RURAL	2.0	0.8	4.4	24.4	12.1	19.9	0.6	1.4
STATES								
ABIA	3.2	0.4	1.0	63.0	0.1	0.2	0.0	1.8
ADAMAWA	1.3	0.7	4.6	24.2	7.8	20.2	0.1	0.4
AKWA IBOM	1.3	0.4	1.7	61.7	1.6	0.9	1.0	3.8
ANAMBRA	2.6	0.2	1.0	53.1	5.0	0.7	0.3	1.5
BAUCHI	4.1	3.0	5.2	17.4	12.4	36.6	0.2	0.6
BAYELSA	0.6	1.2	6.9	15.6	0.7	4.4	0.1	0.0
BENUE	0.3	0.2	3.0	4.5	24.7	8.3	0.9	4.9
BORNO	4.7	1.0	8.3	27.9	6.6	29.7	0.2	0.7
CROSS RIVER	0.8	1.1	5.4	21.6	2.2	0.9	0.4	0.8
DELTA	3.0	0.4	5.6	37.0	15.0	15.3	0.6	0.2
EBONYI	1.3	0.3	4.7	29.2	3.2	2.0	0.1	0.8
EDO	3.4	1.3	0.8	57.3	5.4	1.7	0.0	0.3
EKITI	2.3	1.7	21.9	10.9	33.2	2.6	0.6	1.2
ENUGU	2.7	0.7	9.4	15.0	5.2	2.1	2.5	7.7
FCT ABUJA	17.5	1.2	0.4	34.1	2.4	0.9	0.6	1.2
GOMBE	0.8	1.0	5.1	16.3	3.8	32.5	0.5	0.2

	Piped into dwelling	Piped into yard	Public tap	Tube well or borehole	Protected dug well	Unprotected dug well	Protected spring	Unprotected spring
IMO	5.8	1.6	2.7	56.1	3.1	1.7	1.0	0.9
JIGAWA	8.2	4.4	10.5	48.6	4.2	20.9	0.3	0.2
KADUNA	6.8	3.6	3.7	6.5	34.8	30.1	1.0	0.4
KANO	6.6	2.2	8.5	16.4	12.4	22.7	0.8	0.4
KATSINA	3.3	1.0	6.4	21.9	20.6	30.0	0.4	0.3
KEBBI	2.7	2.1	2.3	17.5	12.1	49.5	0.6	1.0
KOGI	1.3	0.5	5.1	14.9	12.1	4.0	0.9	2.1
KWARA	4.2	2.4	18.0	39.1	12.6	3.9	0.1	0.0
LAGOS	5.5	5.8	7.6	50.5	8.2	2.0	0.3	0.0
NASSARAWA	1.6	1.5	4.5	22.3	20.8	7.6	0.0	0.1
NIGER	11.6	3.1	4.8	24.4	7.6	21.1	0.2	1.4
OGUN	1.7	1.3	14.3	49.9	15.4	1.7	0.0	0.1
ONDO	0.9	0.7	5.4	20.2	36.3	1.6	0.2	0.1
OSUN	3.9	2.5	23.1	9.6	34.3	2.7	0.3	0.3
OYO	1.3	0.8	11.2	19.6	49.1	2.8	0.2	0.2
PLATEAU	2.7	3.1	4.6	11.6	24.0	15.4	0.4	0.1
RIVERS	2.3	1.1	16.3	37.9	9.1	22.2	0.3	0.1
SOKOTO	7.8	2.7	5.7	8.1	13.3	59.7	0.1	0.1
TARABA	1.2	0.3	3.0	12.0	3.7	13.3	0.6	0.2
YOBE	2.9	1.6	7.3	17.0	33.1	25.1	1.1	0.3
ZAMFARA	3.5	1.5	2.5	35.8	7.2	30.2	0.2	0.2

Table 16 Percentage Distribution of Households by Main Source of Drinking Water Contd.

	Collected rain water	Tanker truck	Small tank or drum	Surface water	Bottled water	Sachet water	River or Pond	Other
NATIONAL SECTOR	1.5	4.1	0.4	0.9	0.2	2.2	18.3	0.4
URBAN	1.0	5.0	0.7	0.4	0.3	4.8	5.7	0.5
RURAL	1.9	3.5	0.3	1.3	0.1	0.6	26.5	0.4
STATES								
ABIA	0.8	3.4	0.1	0.0	0.0	0.1	24.9	0.8
ADAMAWA	0.2	6.5	0.7	1.3	0.1	0.3	30.3	1.3
AKWA IBOM	1.1	1.0	0.1	0.5	0.0	0.6	23.7	0.3
ANAMBRA	3.8	8.3	0.2	0.1	0.4	5.6	16.0	1.0
BAUCHI	0.1	5.5	0.8	0.0	0.1	0.0	13.8	0.1
BAYELSA	3.5	1.7	0.6	0.2	0.1	1.9	61.9	0.7
BENUE	2.5	3.2	0.0	13.2	0.0	0.2	34.1	0.0
BORNO	0.4	7.0	3.1	2.0	0.1	0.1	6.8	1.4

	Collected rain water	Tanker truck	Small tank or drum	Surface water	Bottled water	Sachet water	River or Pond	Other
CROSS RIVER	1.4	1.4	0.0	0.2	0.3	0.1	63.1	0.2
DELTA	4.6	1.7	0.0	0.1	0.1	2.2	14.0	0.2
EBONYI	5.7	2.5	0.0	0.7	0.0	0.1	49.3	0.3
EDO	3.0	5.9	0.0	0.0	0.0	3.4	17.5	0.1
EKITI	0.4	0.4	0.0	2.0	0.7	4.2	18.1	0.0
ENUGU	2.4	26.2	0.6	1.1	0.3	3.4	20.1	0.6
FCT ABUJA	0.0	27.8	0.0	0.0	0.5	0.5	12.7	0.1
GOMBE	0.5	9.4	0.6	2.3	0.0	0.1	26.6	0.4
IMO	9.9	1.5	1.6	3.0	0.0	0.3	10.4	0.4
JIGAWA	0.9	1.2	0.1	0.0	0.0	0.1	0.3	0.1
KADUNA	0.3	1.3	1.1	0.1	0.0	0.4	9.4	0.3
KANO	1.0	3.8	0.6	0.1	0.3	0.4	23.1	0.7
KATSINA	1.2	2.3	0.4	0.8	0.0	0.1	10.1	1.1
KEBBI	0.6	1.4	0.0	0.3	0.1	0.1	9.2	0.5
KOGI	1.0	15.5	0.5	0.1	0.2	1.1	40.5	0.3
KWARA	0.5	0.7	0.2	0.2	0.1	2.1	15.7	0.2
LAGOS	0.3	3.4	0.8	0.0	1.0	13.9	0.2	0.6
NASSARAWA	0.9	2.1	0.0	0.7	0.0	0.2	37.6	0.2
NIGER	1.3	2.4	1.0	0.7	0.0	0.2	19.8	0.3
OGUN	0.2	1.1	0.1	0.2	0.0	2.2	11.7	0.1
ONDO	1.9	0.1	0.9	0.9	0.0	2.5	27.7	0.8
OSUN	0.4	1.5	0.0	0.3	0.1	6.1	15.0	0.0
OYO	0.4	0.5	0.0	0.6	0.1	1.7	11.4	0.0
PLATEAU	0.1	4.0	0.7	1.7	0.4	0.1	30.9	0.2
RIVERS	0.8	0.8	0.0	0.4	0.2	0.8	7.6	0.2
SOKOTO	0.3	1.6	0.0	0.0	0.0	0.0	0.3	0.2
TARABA	5.8	6.3	0.1	0.4	0.1	0.0	52.8	0.2
YOBE	0.3	8.1	0.2	0.2	0.0	0.5	1.5	0.8
ZAMFARA	0.3	1.6	0.0	0.2	0.0	0.2	16.2	0.2

Table 17 Percentage distribution of households by type of toilet used

	Flush to piped sewer system	Flush to septic tank	Flush to pit latrine	Flush to unknown place	VIP latrine	Pit latrine with slab	Open pit latrine (no slab)	Composting toilet	Bucket	Hanging toilet or latrine	No facilities/bush/field	Other
NATIONAL	10.7	7.7	4.6	0.6	1.0	26.8	18.4	0.8	0.1	3.2	24.3	1.8
SECTOR												
URBAN	19.0	16.1	7.7	0.6	1.4	30.7	7.5	0.8	0.1	1.8	13.6	0.9
RURAL	5.2	2.2	2.6	0.6	0.7	24.3	25.5	0.8	0.1	4.1	31.4	2.4
STATES												
ABIA	15.4	29.3	1.3	1.5	0.5	27.1	11.7	2.6	0.1	7.1	3.1	0.3
ADAMAWA	2.4	0.4	1.5	0.1	0.6	31.2	34.2	1.0	0.0	1.0	27.3	0.2
AKWA IBOM	4.8	6.5	2.1	0.6	0.4	61.3	17.4	0.2	0.0	1.9	4.3	0.6
ANAMBRA	26.5	19.3	2.4	0.5	1.0	31.8	3.9	0.3	0.0	1.3	12.9	0.1
BAUCHI	1.1	0.0	2.2	0.2	0.5	27.3	51.2	0.1	0.1	0.7	16.4	0.2
BAYELSA	2.1	11.6	0.9	0.0	0.1	1.2	0.8	0.1	0.4	23.6	32.8	26.5
BENUE	2.0	0.6	4.1	0.7	0.5	15.0	12.9	3.0	0.0	2.7	56.9	1.6
BORNO	5.0	1.8	1.6	0.3	0.4	26.3	46.6	0.2	0.0	1.2	16.2	0.3
CROSS RIVER	2.9	5.8	4.5	0.5	1.5	19.5	18.0	0.6	0.0	11.5	31.6	3.6
DELTA	14.2	13.2	10.9	1.6	0.6	13.6	12.5	0.6	0.1	4.9	23.9	3.9
EBONYI	2.9	1.9	0.9	0.2	0.2	4.3	18.4	1.8	0.0	11.5	54.7	3.3
EDO	15.9	19.7	7.9	0.1	0.7	30.9	6.3	0.2	0.0	0.3	17.7	0.3
EKITI	11.2	5.2	3.4	0.0	0.1	22.1	0.5	0.1	0.0	4.4	52.5	0.4
ENUGU	7.8	13.0	3.1	0.5	0.1	15.0	3.2	1.0	0.0	5.3	50.0	1.0
FCT ABUJA	11.6	26.9	8.6	4.3	0.4	15.1	1.8	0.8	0.0	0.8	29.5	0.1
GOMBE	0.8	0.2	3.5	0.1	0.7	29.0	50.1	0.2	0.0	0.2	12.8	2.3

	Flush to piped sewer system	Flush to septic tank	Flush to pit latrine	Flush to unknown place	VIP latrine	Pit latrine with slab	Open pit latrine (no slab)	Composting toilet	Bucket	Hanging toilet or latrine	No facilities/bush/field	Other
IMO	18.3	4.3	1.8	0.4	0.5	56.7	6.1	0.8	0.1	0.7	7.2	3.3
JIGAWA	3.9	0.4	2.2	1.0	5.5	50.6	18.0	1.5	0.2	1.5	14.5	0.8
KADUNA	9.5	1.4	10.7	1.4	2.3	33.2	27.6	1.5	0.1	0.9	10.6	0.9
KANO	10.0	1.3	4.9	0.9	0.5	35.1	40.2	0.8	0.0	0.3	6.0	0.1
KATSINA	5.0	0.6	1.1	1.2	0.9	29.0	50.6	1.4	0.3	0.8	8.8	0.4
KEBBI	4.2	0.6	1.7	0.4	2.6	15.8	43.2	1.1	0.1	2.1	24.4	3.7
KOGI	3.9	2.0	5.4	0.3	0.6	14.7	5.3	0.5	0.0	3.3	61.6	2.3
KWARA	18.7	3.6	2.4	0.0	0.3	21.4	2.6	0.1	0.0	1.7	47.7	1.3
LAGOS	34.1	22.1	11.1	0.4	1.7	22.2	2.7	0.5	0.0	0.6	4.0	0.5
NASSARAWA	6.6	1.1	3.0	0.5	0.1	28.5	14.1	0.0	0.1	1.6	43.3	1.2
NIGER	6.3	1.6	3.8	0.3	2.0	25.2	18.5	0.2	0.1	1.8	39.6	0.7
OGUN	18.4	8.8	2.9	0.1	3.2	42.9	2.4	0.3	0.3	1.4	17.6	1.6
ONDO	8.9	6.8	4.6	0.3	0.3	28.3	1.5	0.3	0.0	9.2	37.3	2.6
OSUN	8.1	7.3	3.2	0.1	0.8	32.1	1.9	0.3	0.0	2.2	43.3	0.7
OYO	8.8	7.2	3.7	0.1	0.5	28.5	1.8	0.5	0.2	2.8	44.4	1.6
PLATEAU	3.7	2.2	5.4	0.9	0.1	20.0	17.1	0.2	0.0	2.7	46.8	0.9
RIVERS	9.1	17.7	5.0	0.8	0.5	10.8	14.9	0.3	0.0	14.6	17.9	8.3
SOKOTO	5.7	2.0	9.8	0.9	0.9	24.5	36.5	4.4	0.0	1.8	13.4	0.3
TARABA	1.1	1.2	2.9	0.3	0.7	17.9	41.1	0.3	0.0	1.3	32.7	0.5
YOBE	2.4	0.8	3.8	0.1	0.6	15.9	45.5	0.2	0.2	2.1	27.6	0.7
ZAMFARA	7.4	1.4	3.3	2.0	1.4	20.2	59.8	2.1	0.0	0.4	1.9	0.0

Table 18 Percentage Distribution of Households by Type of Treatment for Drinking Water

	Boil	Add bleach or chlorine	Strain it through cloth	Use a water filter	Solar disinfection	Let it stand and settle	Other	Don't Know
NATIONAL SECTOR	3.5	2.4	86.5	1.6	0.1	5.0	0.8	0.2
URBAN	5.8	4.0	83.1	1.8	0.1	3.9	1.3	0.2
RURAL	2.0	1.3	88.7	1.4	0.1	5.7	0.6	0.2
STATES								
ABIA	2.8	0.4	94.2	1.5	0.1	0.6	0.3	0.0
ADAMAWA	1.2	0.6	87.8	0.5	0.0	9.5	0.5	0.0
AKWA IBOM	2.0	1.1	95.0	0.5	0.0	0.3	0.8	0.2
ANAMBRA	1.9	0.1	92.3	0.8	0.0	4.1	0.4	0.3
BAUCHI	1.3	0.8	91.8	0.3	0.1	4.6	0.6	0.5
BAYELSA	5.7	10.0	68.9	0.6	0.1	4.6	9.9	0.2
BENUE	0.4	1.8	88.6	4.8	0.0	3.3	0.5	0.5
BORNO	0.7	1.1	94.0	0.9	0.1	2.7	0.4	0.2
C/RIVER	2.6	0.4	92.3	1.3	0.0	3.1	0.2	0.0
DELTA	1.6	0.6	95.3	0.3	0.1	1.5	0.5	0.1
EBONYI	2.1	0.3	84.0	6.8	0.0	6.5	0.3	0.0
EDO	1.6	0.2	97.5	0.0	0.0	0.1	0.4	0.0
EKITI	2.8	6.9	81.8	0.2	0.0	7.8	0.4	0.2
ENUGU	2.5	0.1	95.8	1.1	0.0	0.4	0.2	0.0
FCT ABUJA	1.9	3.4	92.0	1.1	0.0	0.1	1.6	0.0
GOMBE	0.6	0.2	97.6	0.3	0.0	1.0	0.3	0.1
IMO	8.2	0.1	90.4	0.6	0.0	0.1	0.4	0.2
JIGAWA	2.9	0.4	87.7	0.4	0.1	8.0	0.3	0.3
KADUNA	6.9	2.2	76.2	3.7	0.1	10.4	0.3	0.0
KANO	1.4	1.8	87.8	0.9	0.0	7.1	0.5	0.4
KATSINA	3.1	0.4	80.4	2.5	0.1	13.1	0.2	0.2
KEBBI	2.0	0.4	87.5	1.8	0.1	7.7	0.1	0.4
KOGI	4.2	5.5	83.5	0.9	0.2	5.0	0.6	0.0
KWARA	5.9	5.5	77.6	2.7	0.2	7.6	0.3	0.2
LAGOS	10.2	4.1	81.6	1.5	0.1	1.3	1.0	0.3
NASSARAWA	0.6	0.5	90.6	0.7	0.0	7.2	0.4	0.1
NIGER	2.4	3.3	88.7	1.9	0.2	2.3	1.3	0.0
OGUN	1.9	2.0	89.2	0.9	0.0	5.6	0.4	0.1
ONDO	2.5	3.5	81.6	1.2	0.1	10.0	0.9	0.2
OSUN	4.4	8.7	76.7	2.0	0.0	5.5	2.8	0.0
OYO	4.0	8.6	71.6	2.0	0.0	9.9	3.8	0.0
PLATEAU	2.4	3.5	83.1	7.3	0.1	3.4	0.2	0.1
RIVERS	10.3	0.6	83.2	2.2	0.1	2.8	0.6	0.2
SOKOTO	1.9	0.2	80.6	1.2	0.2	15.6	0.2	0.1

	Boil	Add bleach or chlorine	Strain it through cloth	Use a water filter	Solar disinfection	Let it stand and settle	Other	Don't Know
TARABA	0.6	0.1	97.8	0.3	0.0	0.4	0.4	0.4
YOBE	1.1	0.7	94.4	1.3	0.0	2.5	0.0	0.0
ZAMFARA	1.1	2.3	90.3	2.2	0.0	3.6	0.3	0.1

ANNEX 5: Living Standards

Table 19 Percentage Distribution of Household Livelihood Based on Income

	Very poor	Poor	Moderate	Fairly rich	Rich
NATIONAL	9.5	37.2	47.2	5.2	0.9
SECTOR					
URBAN	6.1	30.1	56.2	6.3	1.2
RURAL	11.6	41.9	41.2	4.5	0.8
STATES					
ABIA	15.8	47.2	30.3	4.9	1.8
ADAMAWA	10.2	46.6	39.2	3.5	0.6
AKWA IBOM	14.0	36.4	43.3	4.5	1.8
ANAMBRA	10.1	37.5	45.0	5.1	2.2
BAUCHI	7.1	42.3	41.9	8.1	0.6
BAYELSA	32.6	35.0	28.6	1.7	2.1
BENUE	12.6	50.4	32.7	3.8	0.5
BORNO	3.9	41.7	51.3	2.4	0.7
C/ RIVER	17.0	52.7	26.0	3.7	0.7
DELTA	13.6	43.5	36.2	6.0	0.7
EBONYI	27.6	51.4	15.2	5.2	0.5
EDO	3.9	29.8	59.1	6.1	1.1
EKITI	8.0	37.6	51.1	2.7	0.6
ENUGU	13.2	36.2	42.2	7.7	0.8
FCT ABUJA	3.3	39.0	55.6	1.3	0.8
GOMBE	7.5	42.6	46.3	2.9	0.8
IMO	20.3	46.7	30.4	1.8	0.8
JIGAWA	4.9	30.7	56.0	7.3	1.0
KADUNA	8.8	43.5	38.2	9.0	0.5
KANO	11.5	41.9	40.8	5.2	0.6
KATSINA	7.9	40.8	46.2	4.5	0.7
KEBBI	6.6	39.6	46.3	5.3	2.2
KOGI	5.8	32.2	58.7	2.9	0.4
KWARA	3.8	36.6	57.0	2.4	0.2
LAGOS	4.3	20.5	66.2	8.3	0.7
NASSARAWA	7.0	26.9	60.0	5.9	0.2
NIGER	6.9	25.1	59.6	7.7	0.7
OGUN	2.7	21.8	69.2	5.2	1.0
ONDO	5.9	46.4	44.2	3.4	0.0
OSUN	1.9	23.6	65.3	7.0	2.3
OYO	7.6	38.3	49.5	3.9	0.6
PLATEAU	7.6	31.1	55.9	4.0	1.4
RIVERS	12.0	45.9	33.9	6.2	1.9
SOKOTO	8.6	23.3	59.4	7.5	1.1
TARABA	10.1	54.3	29.8	5.4	0.4
YOBE	11.0	35.4	49.7	3.3	0.5
ZAMFARA	15.3	37.2	43.6	2.8	1.0

Table 20 Percentage Distribution of Households that think Reduction of Poverty is Priority of Government

	Yes	No
NATIONAL	72.0	28.0
SECTOR		
URBAN	72.6	27.4
RURAL	71.6	28.4
STATES		
ABIA	72.3	27.7
ADAMAWA	76.9	23.1
AKWA IBOM	89.0	11.0
ANAMBRA	77.3	22.7
BAUCHI	65.8	34.2
BAYELSA	74.7	25.3
BENUE	87.1	12.9
BORNO	74.3	25.7
CROSS RIVER	80.2	19.8
DELTA	65.6	34.4
EBONYI	25.9	74.1
EDO	59.5	40.5
EKITI	80.1	19.9
ENUGU	84.9	15.1
FCT ABUJA	50.3	49.7
GOMBE	55.3	44.7
IMO	88.3	11.7
JIGAWA	66.8	33.2
KADUNA	77.7	22.3
KANO	72.1	27.9
KATSINA	83.5	16.5
KEBBI	59.0	41.0
KOGI	67.3	32.7
KWARA	66.3	33.7
LAGOS	64.0	36.0
NASSARAWA	55.6	44.4
NIGER	71.5	28.5
OGUN	77.8	22.2
ONDO	77.0	23.0
OSUN	79.9	20.1
OYO	64.0	36.0
PLATEAU	67.1	32.9
RIVERS	86.6	13.4
SOKOTO	70.0	30.0
TARABA	66.1	33.9
YOBE	61.1	38.9
ZAMFARA	67.6	32.4