Nigeria - National Nutrition and Health Survey 2015, Third Round

National Bureau of Statistics (NBS) - Federal Government of Nigeria (FGN)

Report generated on: December 21, 2016

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Overview

Identification

ID NUMBER
NGA-NBS-NNHS-2015-v1.0

Version

VERSION DESCRIPTION
Version 1.0(June, 2016).

PRODUCTION DATE
2015

Overview

ABSTRACT
The Global Nutrition Report (GNR) 2015 places Nigeria among the countries displaying commitment to reduce hunger and improve nutrition in children and women. Although it still is one of the five large low-middle income countries where more than half of children under age 5 are either stunted or wasted, the trends in meeting the global World Health Assembly Resolution (WHAR) targets are positive and Nigeria is obtaining "some progress".

This survey report presents the results of the National Nutrition and Health Survey conducted in all the 36 States of Nigeria and Federal Capital Territory (FCT) in July and September 2015. It is the second national survey to assess the nutritional and health status of children under 5 years of age and of women in the reproductive age group (15-49 years), the first being conducted from February to May 2014. In order to provide reliable data for planning and monitoring of key activities, new key indicators have been added: Malaria Intermittent Preventive Treatment in pregnancy for women in the reproductive age group, antenatal care coverage and HIV testing during ANC.

The objectives of the survey are:

1. Determine the prevalence of acute malnutrition among children 6 to 59 months of age using WHZ, Mid Upper Arm Circumference (MUAC) and bilateral oedema;

Determine the prevalence of chronic malnutrition and underweight among children 0 to 59 months of age;

2. Determine the prevalence of acute malnutrition among women 15 to 49 years of age using MUAC;

3. Assess the prevalence of diarrhoea and use of ORS and zinc among children under-five years two weeks preceding the survey;

4. Estimate coverage of vitamin A supplementation and deworming among children 6 to 59 and 12 to 59 months of age respectively within the last six months;

5. Determine the coverage of DPT3/Penta3 and measles immunization among children 12-23 months of age;

6. Determine the proportion of under five children with Acute Respiratory Infection (ARI) symptoms and proportion of children with fever received treatment;

7. Determine the ownership and universal access of mosquito nets, and utilization of mosquito nets by children 0-59 months;

8. Assess the practice of skilled birth attendants, contraceptive prevalence rate and antenatal care coverage among women 15 to 49 years; and

9. Determine the proportion of women 15 – 49 years received HIV testing and intermittent preventive treatment during antenatal care.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS
Household

Scope

NOTES
The scope for data collected was as follows:

- Nutritional status of children under 5 years of age [Acute Malnutrition, Underweight,Stunting and Overweight];

- Health status of children under 5 years of age [DPT/Penta3 and measles immunisation coverage, diarrhoea and ORS therapy and zinc supplementation, Acute Respiratory Infection (ARI), fever prevalence and antibiotic treatment];

- Malaria [household availability, net usage, fever prevalence, diagnosis and treatment of malaria in children under 5 years of age, and Malaria Intermittent Preventive Treatment in pregnancy for women in reproductive age group];

- Nutritional status of women in the reproductive age group (15 – 49 years) [Acute malnutrition]

- Health status of women in the reproductive age group (15 – 49 years) [skilled attendance at delivery, contraceptive prevalence rate, antenatal care coverage, and HIV testing during ANC];

- MNCHW [coverage, Vitamin A supplementation and deworming coverage].

TOPICS

Topic	Vocabulary	URI
Health	World Bank	
HIV/AIDS	World Bank	
Malaria	World Bank	
Nutrition	World Bank	
Population & Reproductive Health	World Bank	
Water	World Bank	

Coverage

GEOGRAPHIC COVERAGE (1)
National

GEOGRAPHIC COVERAGE (2)
Six Geo-Poliltical Zones

GEOGRAPHIC COVERAGE (3)
State

GEOGRAPHIC COVERAGE (4)
Local Government

UNIVERSE
The survey covered all selected household members, all women aged 15-49 years resident in the household, and all children aged 0-4 years (under age 5) resident in the household.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Bureau of Statistics (NBS)	Federal Government of Nigeria (FGN)

OTHER PRODUCER(S)

Name	Affiliation	Role
National Population Commission	Federal Government of Nigeria (FGN)	Technical Support
Federal Ministry of Health	Federal Government of Nigeria (FGN)	Technical Support
United Nations Children's Fund	United Nations System	Technical Support

FUNDING

Name	Abbreviation	Role
Federal Government of Nigeria	FGN	funding
United Nations Children's Fund	UNICEF	funding
United States Agency for International Development	USAID	funding
Department for International Development	DFID	funding

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
National Bureau of Statistics	NBS	Federal Government of Nigeria (FGN)	Metadata Producer

DATE OF METADATA PRODUCTION
2016-08-23

DDI DOCUMENT VERSION
Version 1.0 (June 2016)

DDI DOCUMENT ID
DDI-NGA-NBS-NNHS-2015-v1.0

Sampling

Sampling Procedure

The National Nutrition and Health Survey using SMART methods is designed as a cross-sectional household survey using a two stage cluster sampling to provide results representative at the state level.
Data were collected from a total of 25,210 households, 20,060 children under-five years of age and 23,688 women of reproductive age.
The sample for the 2015 NNHS is nationally representative and covers the entire population residing in non-institutional dwelling units in the country. The survey uses the national sample frame, which is a list of Enumeration Areas (EAs) prepared for the 2006 Population Census. Administratively Nigeria is divided into states, Local Government Areas (LGAs), and localities. In addition to these administrative units, during the 2006 population census, each locality was subdivided into census Enumeration Areas (EAs). The primary sampling unit (PSU), referred to as a cluster in this survey, is defined on the basis of EAs from the 2006 EA census frame.

The 2015 NNHS sample has been selected using a two-stage cluster design as described below.

-First stage sampling procedure: cluster selection
The PSU (clusters) for each state were randomly selected from the national master sample frame according to the probability proportional to size (PPS) method with the support from National Population Commission.

-Second stage sampling procedure: household selection
The second stage of sampling consisted of selecting households within each cluster by using systematic random selection. The team leader was responsible for the determination of the total number of households in the cluster by conducting a household listing through detailed enumeration of the selected cluster with a support from the community leader. This served as the sampling frame for the selection of households. The team leader then entered the total number of households onto the tablet and sampling interval was automatically calculated and displayed on the tablet. The sampling interval is calculated by dividing the total number of households in the cluster by the number of households to be interviewed. A random number table was used to randomly select a start number, between 1 and the sampling interval, to identify the first household. The sampling interval was used to identify all subsequent households to be included in the survey.
been estimated at zonal level, by pooling the data from the survey domain within each zone.

Deviations from Sample Design

No Deviation.

Response Rate

The target was to interview 26,048 households across the country. The set target was notreached and overall 25,210 households were interviewed (97 percent).

Weighting

The data was weighted using sampwgt.

Questionnaires

Overview

The different sections of the questionnaire for National Nutrition and Health Survey 2015 are:

Section I: Household Composition
Section 2: Women from 15-49 years of age
Section 3: Child Anthropometry, Vitamin A & De-worming
Section 4: Child Health and Immunization
Section 5: Malaria
Section 6. MNCHW

Data Collection

Data Collection Dates

Start	End	Cycle
2015-07-01	2015-09-01	8 weeks

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

The survey training was conducted by the Survey Technical Team, the National Bureau of Statistics, National Population Council, and the Federal Ministry of Health with support from eHealth Africa.
Galaxy tab 4 7.0" were used to collect data in the field. Collected data were automatically sent to a central server using 3G internet connection using FormHub (Open Data Kit) and immediately analysed for key quality checks. Results displayed on a purpose built dashboard and analysis with STATA served as the basis for communication between the coordinator and the rest of the survey teams during entire data collection period.

The trainings started on the 22nd of June 2015 and conducted in three rounds of 5 days each. Each training had a maximum number of 36 participants. It has been found that limiting the number of
participants greatly increases quality of trainings in Nigeria

Prior to the start of the data collection phase, the selected local government area (LGA) authorities were informed about the survey in order to facilitate the informing of community members about data collection and gain support from the officials and the community. Each team had its own vehicle and was accompanied by a driver. To minimise travel times, teams were advised to stay in the nearest LGA.
Survey teams started fieldwork in the same location where training was conducted in order to make supervision of all teams by senior survey staff possible.
The National Bureau of Statistics (NBS), the National Population Commission (NPopC), Federal Ministry of Health (FMOH) and UNICEF selected 121 persons to be involved in the survey. Of the 121 individuals, 112 constituted the survey teams and 9 individuals were assigned as standby to replace any interviewers who dropped out during the data collection period. Of the 112 individuals, 90 of them were assigned to 30 survey teams (3 individuals per team, of which 1 team leader and 2 measurers), 10 supervisors, 1 national coordinator, 1 assistant national coordinator, 3 training coordinators, 2 technical coordinators and 5 regional coordinators.

Data Collectors

Name	Abbreviation	Affiliation
National Bureau of Statistics	NBS	Federal Government of Nigeria
the National Population Commission	NPOPC	Federal Government of Nigeria
Federal Ministry of Health (FMOH)	FMOH	Federal Government of Nigeria
United Nations Children's Fund	UNICEF	United Nations

SUPERVISION

To ensure the quality of data, supportive supervision was provided for the teams at different level. The first level of supervision was provided by the team supervisors who were responsible for closely monitoring the work of the teams to ensure that all sampled households were visited and eligible children and women included. An important element of these supervisors was to facilitatelogistics, organize the team movement within the state, reviewing listing of households, systematic selectin of households and supporting in measurement and age estimation The main aim of such support was needed to uncover any deliberate distortion of household listing and selection of households, age estimation or omission of household members by interviewers so as to reduce their workload. Supervisors also observed the interview to ensure that the survey team were conducting the interviews as per the interview manual.

The second level of supervision consisted of regional coordinators and state level government officers visit to the field and regularly check teams on their work. Strengths and weaknesses were discussed in review session with the teams.

Data Processing

Data Editing

All data were analysed with STATA version 14.0. ENA for SMART application was used to assess the quality of anthropometric measurements. As per SMART methods, SMART flags were used in the analysis of child anthropometric data and extreme values that resulted likely from incorrect measurements at state level were excluded. SMART flags exclude anthropometric indices with -3 to 3 for WHZ, -3 to 3 for HAZ, -3 to 3 for WAZ, from observed mean.

Other Processing

Computer data editing, table generation and analysis were carried out by the NBS staff at NBS headquarters, Abuja. Report writing was carried out by the Technical Committee of the Consultative Committee on
National Nutrition and Health Survey (NNHS) 2015

Data Appraisal

Estimates of Sampling Error

No Sampling Error

File Description

Variable List

2015NNHS_Child_Final

Content	This section contains data of the Nutritional and Health status of children under 5 years of age. - MNCHW [coverage, Vitamin A supplementation and deworming coverage].
Cases	20060
Variable(s)	63
Structure	Type: Keys: ()
Version	Version 1.0 (June 2016)
Producer	National Bureau of Statistics (NBS)
Missing Data	All Missing data were asterisks(*)

Variables

ID	Name	Label	Type	Format	Question
V1	startdate	Date data collection conducted	discrete	character	Survey Date
V134	zone	Six Geo-political Zones	discrete	numeric	Zone
V139	state	Survey domain	discrete	numeric	State
V4	lga	Local government area	discrete	numeric	LGA
V5	cluster	Cluster number	contin	numeric	Cluster number
V6	cluster2		contin	numeric	Cluster number
V7	teamnum	Team number	contin	numeric	Team ID
V8	hhno	Household number	contin	numeric	HH No
V140	sex	Sex 1=male 2=female	discrete	numeric	Sex (m=male f=female)
V10	chbirth	Child's date of birth	discrete	character	Birth Date
V11	chmos	Child's age in months - estimated	contin	numeric	Age in months
V12	chwt	Weight in kg	contin	numeric	Weight (kg) (00.0)
V13	chht	Height in cm	contin	numeric	Height (cm) (00.0)
V14	chedema	Edema 0=no 1=yes	discrete	numeric	Bilateral Oedema Y=Yes, N=No
V15	chmuac	Childs' MUAC	contin	numeric	MUAC (mm) (000) Left Arm
V16	net	Household ownership of mosquito net o=no 1=yes 8=dk	discrete	numeric	Does your household have any mosquito nets that can be used while sleeping? (Circle the answer)? 1=Yes 2=No
V17	netnum	Number of mosquito nets	contin	numeric	If yes (ML01), how many mosquito nets does your household have? (Number of nets)
V18	mnchw	MNCHW Awareness 0=No 1=Yes 8=DK	discrete	numeric	Was there a Maternal Newborn and Child Health Weeks (MNCHW) campaign in the last 6 months 1=Yes 2=No 8=DK
V19	mnchwser	Access to MNCHW 0=No 1=Yes 8=DK	discrete	numeric	If yes (MN01), Did anyone from this household receive any services (such as vitamin A supplementaion) during this MNCHW campaigns? 1=Yes 2=No 8=DK
V20	mnchwsite	MNCHW Site 1=HF 2=Outreach 3=HH 4=DK	discrete	numeric	If yes (MN02), Where did they receive services during the MNCH week campaign? 1=Health facility 2=Other site 3=Some one came to
V21	ageyrs	Age in complete years	contin	numeric	Age in complete years (if the child is < 1 year of age, write '0')

ID	Name	Label	Type	Format	Question
V22	stayed	Person stayed in the HH the previous night 0=no 1=yes	discrete	character	Is he/she spent the previous night in the household? 1=Yes 2=No
V23	chdate	Date of birth known 0=no 1=yes	discrete	numeric	Birth Date
V24	chagemonths	Child's age in months - calculated	contin	numeric	Age in months (fill only if no birthdate)
V25	chmeasure	Measurement 1= Height 2=Length	discrete	numeric	Measurement H=Height L=Length
V26	chvit	Vitamin A 0=no 1=yes 8=dk	discrete	numeric	Has (name) received a vitamin A dose within the last 6 months? 1=Yes 2=No 8=DK
V27	chdeworm	Deworming 0=no 1=yes 8=dk	discrete	numeric	Has (name) received a deworming tablet within the last 6 months? 1=Yes 2=No 8=DK
V28	chanyvacc	Received any vaccination 0=no 1=yes card 2=yes recall 8=dk	discrete	numeric	Has (name) ever received any vaccination to prevent him/her from getting diseases, includes vaccinations received in a campaign or immunization/child health day?
V29	chdpt	Received dpt 0=no 1=yes card 2=yes recall 8=dk	discrete	numeric	If yes (CH01), has (name) ever received a DTP/ Penta vaccination - that is, an injection in the thigh or buttocks - to prevent him/her from getting tetanus, whooping cough, diphtheria, hepatitis B, or Haemophilius influenzae type b.
V30	chdptx	Number of times dpt/penta received	contin	numeric	If yes(CH02), how many times was the DTP/Penta vaccine received? (Number)
V31	chmeasl	Received measels 0=no 1=yes card 2=yes recall 8=dk	discrete	numeric	Has (name) ever received a measles injection - that it that is, a shot in the arm at the age of 9 months or older - to prevent him/her from getting measles?
V32	chdiarr	Had diarrhoea 0=no 1=yes 8=dk	discrete	numeric	In the last two weeks, has (name) had diarrhoea?
V33	chors	Received ORS0=no 1=yes 8=dk	discrete	numeric	If yes (CH05), was (name) given to drink ORS?
V34	chzinc	Received Zinc 0=no 1=yes 8=dk	discrete	numeric	If yes (CH05), was (name) given zinc tablets/ syrup?
V35	cough	Had cough 0=no 1=yes 8=dk	discrete	numeric	In the last two weeks, has (name) had an illness with a cough?
V36	rapidcough	Had difficulty breathing 0=no 1=yes 8=dk	discrete	numeric	If yes (CH08), did (name) breath faster than usual with short, rapid breaths or having difficulty breathing?
V37	arirx	Rx given for ARI 0=no 1=yes 8=dk	discrete	numeric	If yes (CH09), was (name) given any medicine for the illness?
V38	air0	Trype of medcine given for ARI	discrete	character	If yes (CH10), what medcine was (name) given? (use the code & enter all medicines given)
V39	arirx1	Antibiotic Pill or Syrup	discrete	numeric	Antibiotic- Pill / Syrup
V40	arirx2	Antibiotic Injection	discrete	numeric	Antibiotic - Injection
V41	arirx3	Anti-Malarial	discrete	numeric	Anti-Malarial
V42	arirx4	Paracetamol/Panadol/Acetaminphen	discrete	numeric	Paracetamol/Panadol/Acetaminphen
V43	arirx5	Aspirin	discrete	numeric	Aspirin
V44	arirx6	Ibuprofen	discrete	numeric	Ibuprofen
V45	arirx96	Other drugs	discrete	numeric	Other drugs
V46	arirx98	Don't know	discrete	numeric	Don't know
V47	chnet	Child slept under mosquito net 0=no 1=yes 8=dk	discrete	numeric	If yes (ML01), did the child (name) sleep under the mosquito net last night? 1=Yes 2=No 8=DK

ID	Name	Label	Type	Format	Question
V48	chfever	Had fever 0=no 1=yes 8=dk	discrete	numeric	In the last two weeks, has (name) been ill with fever at any time? 1=Yes 2=No 8=DK
V49	chfevertest	Had RDT 0=no 1=yes 8=dk	discrete	numeric	If yes (ML04), at any time during the illness, did (name) have blood taken for testing? 1=Yes 2=No 8=DK
V50	chfeverrx	Rx given for fever 0=no 1=yes 8=dk	discrete	numeric	If yes (ML04), was (name) given any medicine for the illness (fever)? 1=Yes 2=No 8=DK
V51	fevrx0	Trype of medcine given	discrete	character	If yes (ML06), what medicine was (name) given? (use the code & enter all medicines given)
V52	fevrx1	SP/ Fansidar	discrete	numeric	SP/ Fansidar
V53	fevrx2	Chloroquinine	discrete	numeric	Chloroquinine
V54	fevrx3	Amodiaquine	discrete	numeric	Amodiaquine
V55	fevrx4	Quinine	discrete	numeric	Quinine
V56	fevrx5	Artemisinin-based Comb. Therapy (ACT	discrete	numeric	Artemisinin-based Comb. Therapy (ACT)
V57	fevrx6	Other anti-malarial	discrete	numeric	Other anti-malarial (specify)
V58	fevrx7	Antibiotic pill/syrup or injection	discrete	numeric	Antibiotics/other medications
V59	fevrx8	Aspirin, Acetaminophen, Ibuprofen	discrete	numeric	buprofen
V60	fevrx96	Other drugs	discrete	numeric	Other drugs
V61	fevrx98	Don't Know	discrete	numeric	Don't Know
V62	months	Final months to be used for analysis	contin	numeric	
V63	sampwgt		contin	numeric	

20151012_NNHS_HH_Final

Content	This section contains data of the MNCHW [coverage, Vitamin A supplementation and deworming coverage] of the household.
Cases	25210
Variable(s)	14
Structure	Type: Keys: ()
Version	Version 1.0 (June, 2016)
Producer	National Bureau of Statistics (NBS)
Missing Data	All missing data were asterisks(*).

Variables

ID	Name	Label	Type	Format	Question
V64	startdate	Date data collection conducted	discrete	character	Survey Date
V135	zone	Six Geo-political Zones	discrete	numeric	Zone
V136	state	Survey domain	discrete	numeric	State
V67	lga	Local government area	contin	numeric	LGA
V68	cluster	Cluster number	contin	numeric	Cluster number
V69	teamnum	Team number	contin	numeric	Team ID
V70	hhno	Household number	contin	numeric	HH No
V71	consent	Conscent for interview	discrete	numeric	
V72	net	Household ownership of mosquito net o=no 1=yes 8=dk	discrete	numeric	Does your household have any mosquito nets that can be used while sleeping? (Circle the answer)? 1=Yes 2=No
V73	netnum	Number of mosquito nets	contin	numeric	If yes (ML01), how many mosquito nets does your household have? (Number of nets)
V74	mnchw	MNCHW Awareness 0=No 1=Yes 8=DK	discrete	numeric	Was there a Maternal Newborn and Child Health Weeks (MNCHW) campaign in the last 6 months 1=Yes 2=No 8=DK
V75	mnchwser	Access to MNCHW 0=No 1=Yes 8=DK	discrete	numeric	If yes (MN01), Did anyone from this household receive any services (such as vitamin A supplementaion) during this MNCHW campaigns? 1=Yes 2=No 8=DK
V76	mnchwsite	MNCHW Site 1=HF 2=Outreach 3=HH 4=DK	discrete	numeric	If yes (MN02), Where did they receive services during the MNCH week campaign? 1=Health facility 2=Other site 3=Some one came to
V77	sampwgt		contin	numeric	

20151012_NNHS_Women_Final

Content	This section contains data of Nutritional and Health status of women in the reproductive age group (15 - 49 years).
Cases	23688
Variable(s)	54
Structure	Type: Keys: ()
Version	Version 1.0 (June, 2016)
Producer	National Bureau of Statistics (NBS)
Missing Data	All Missing data were asterisks(*)

Variables

ID	Name	Label	Type	Format	Question
V78	startdate	Date data collection conducted	discrete	character	
V137	zone	Geo-political Region	discrete	numeric	Zone
V138	state	Survey domain	discrete	numeric	State
V81	lga	Local government area	contin	numeric	LGA
V82	cluster	Cluster number	contin	numeric	Cluster number
V83	teamnum	Team number	contin	numeric	Team ID
V84	hhno	Household number	contin	numeric	HH No
V85	net	Household ownership of mosquito net o=no 1=yes 8=dk	discrete	numeric	Does your household have any mosquito nets that can be used while sleeping? (Circle the answer)? 1=Yes 2=No
V86	netnum	Number of mosquito nets	contin	numeric	If yes (ML01), how many mosquito nets does your household have? (Number of nets)
V87	mnchw	MNCHW Awareness 0=No 1=Yes 8=DK	discrete	numeric	Was there a Maternal Newborn and Child Health Weeks (MNCHW) campaign in the last 6 months 1=Yes 2=No 8=DK
V88	mnchwser	Access to MNCHW 0=No 1=Yes 8=DK	discrete	numeric	If yes (MN01), Did anyone from this household receive any services (such as vitamin A supplementaion) during this MNCHW campaigns? 1=Yes 2=No 8=DK
V89	mnchwsite	MNCHW Site 1=HF 2=Outreach 3=HH 4=DK	discrete	numeric	If yes (MN02), Where did they receive services during the MNCH week campaign? 1=Health facility 2=Other site 3=Some one came to
V90	sex	Sex 1=male 2=female	discrete	numeric	Sex 1=male 2=female
V91	ageyrs	Age in complete years	contin	numeric	Age in years
V92	stayed	Person stayed in the HH the previous night 0=no 1=yes	discrete	character	Is he/she spent the previous night in the household? 1=Yes 2=No
V93	wmuac	Womens' MUAC in mm	contin	numeric	MUAC (mm) (000) Left Arm
V94	preg	Pregnant 0=no 1=yes 8=dk	discrete	character	I would like to talk with you about family planning. Are you pregnant now? 1=Yes (skip to WQ8) 2=No 8=DK
V95	union	Are in union 0=no 1=yes	discrete	character	Are you currently married or living together with a man as if married? 1=Yes, currently married or in union 2=No, not in union

ID	Name	Label	Type	Format	Question
V96	fp	Are you using family planing 0=no 1=yes	discrete	character	If Yes (W05), couples use various ways or methods to delay or avoid a pregnancy. Are you currently doing something or using any method to delay or avoid getting pregnant? 1=Yes 2=No
V97	fptype	Type of FP	discrete	character	If yes, (W06), what are you doing to delay or avoid a pregnancy? (Use code & enter all mentioned)
V98	fp1	Female Sterilization	discrete	numeric	Female Sterilization
V99	fp2	Male Sterilization	discrete	numeric	Male Sterilization
V100	fp3	IUD	discrete	numeric	IUD
V101	fp4	Injectable	discrete	numeric	Injectable
V102	fp5	Implants	discrete	numeric	Implants
V103	fp6	Pill	discrete	numeric	Pill
V104	fp7	Male Condom	discrete	numeric	Male Condom
V105	fp8	Female Condom	discrete	numeric	Female Condom
V106	fp9	Diaphragm	discrete	numeric	Diaphragm
V107	fp10	Foam/Jelly	discrete	numeric	Foam/Jelly
V108	fp11	Lactational Amenorrhoea Method	discrete	numeric	Lactational Amenorrhoea Method
V109	fp12	Period Abstinence/ Rhythm	discrete	numeric	Period Abstinence/ Rhythm
V110	fp13	Withdrawal	discrete	numeric	Withdrawal
V111	fp96	Other	discrete	numeric	Other (specify)
V112	birth2yrs	Have you given birth in the last two years 0=no 1=yes	discrete	character	Did you give birth in the last 2 years? 1=Yes 2=No
V113	bassist	Who assisted with delivey 1=professional 2=TBA 3=relative 4=no-one	discrete	character	If yes (W08), who assisted with the delivery of the last birth (name)?
V114	asst1	Doctor /Nurse /Midwife or Auxiliary Midwife/Community Health Worker	discrete	numeric	Health professional: Doctor/Nurse/Midwife/ Auxiliary Midwife
V115	asst2	Traditional Birth Attendant	discrete	numeric	Other person; Traditional birth attendant/ Community health worker
V116	asst3	Relative /Friend /Other	discrete	numeric	Relative/ Friend/ Other
V117	asst4	No one	discrete	numeric	No one
V118	anc	Did you see anyone for ANC 0=No 1=Yes	discrete	character	
V119	ancsee	Whom did you see for ANC 1=professional 2=TBA 3=relative 4=no-one	discrete	character	
V120	anc1	Doctor /Nurse /Midwife or Auxiliary Midwife/Community Health Worker	discrete	numeric	
V121	anc2	Traditional Birth Attendant	discrete	numeric	
V122	anc3	Relative /Friend /Other	discrete	numeric	
V123	anc4	No one	discrete	numeric	
V124	ancno	How many times did you recieve ANC	contin	numeric	
V125	malmed	Did you take anti-malaria during ANC 0=No 1=Yes 8=DK	discrete	character	
V126	malmedtyp	Which med 1=SP/Fansider 2=Chloro 3=Ohter 8=DK	discrete	character	
V127	malmedno	How many times did u take SP/Fansidar	contin	numeric	

ID	Name	Label	Type	Format	Question
V128	aids	Were you offered a test for AIDS virus 0=No 1=Yes 8=DK	discrete	character	
V129	aidstest	Were you tested for AIDS virus 0=No 1=Yes 8=DK	discrete	character	
V130	aidsres	Did you get the results of the test0=No 1=Yes 8=DK	discrete	character	
V131	sampwgt		contin	numeric	

Date data collection conducted (startdate)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: character
Width: 10

Valid cases: 20060
Minimum: NaN
Maximum: NaN

Literal question

Survey Date

Six Geo-political Zones (zone)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0

Valid cases: 20060
Invalid: 0

Literal question

Zone

Survey domain (state)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 20060
Invalid: 0

Literal question

State

Local government area (lga)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 1-774

Valid cases: 20060
Invalid: 0

Literal question

LGA

Cluster number (cluster)
File: 2015NNHS_Child_Final

Overview

Cluster number (cluster)

File: 2015NNHS_Child_Final

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1-1352

Valid cases: 20060
Invalid: 0
Minimum: 1
Maximum: 1352
Mean: 635.8
Standard deviation: 341

Literal question

Cluster number

(cluster2)

File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-999

Valid cases: 20060
Invalid: 0
Minimum: 1
Maximum: 999
Mean: 444.2
Standard deviation: 289.9

Literal question

Cluster number

Team number (teamnum)

File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-30

Valid cases: 20060
Invalid: 0

Literal question

Team ID

Household number (hhno)

File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-677

Valid cases: 20060
Invalid: 0

Literal question

HH No

Sex 1=male 2=female (sex)

File: 2015NNHS_Child_Final

Overview

Sex 1=male 2=female (sex)
File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 20060
Invalid: 0

Literal question

Sex (m=male f=female)

Child's date of birth (chbirth)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: character
Width: 10

Valid cases: 7438

Literal question

Birth Date

Child's age in months - estimated (chmos)
File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-999

Valid cases: 12382
Invalid: 7678

Pre question

if the child is < 1 year of age, write '0'

Literal question

Age in months

Weight in kg (chwt)
File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 1
Range: 1.5-34.4

Valid cases: 19681
Invalid: 379
Minimum: 1.5
Maximum: 34.4
Mean: 10.6
Standard deviation: 3.5

Literal question

Weight (kg) (00.0)

Height in cm (chht)
File: 2015NNHS_Child_Final

Overview

Height in cm (chht)
File: 2015NNHS_Child_Final

Type: Continuous
Format: numeric
Width: 5
Decimals: 1
Range: 39.3-121.4

Valid cases: 19646
Invalid: 414
Minimum: 39.3
Maximum: 121.4
Mean: 81.7
Standard deviation: 13.9

Literal question

Height (cm) (00.0)

Edema 0=no 1=yes (chedema)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 19692
Invalid: 368

Literal question

Bilateral Oedema Y=Yes, N=No

Childs' MUAC (chmuac)
File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 73-226

Valid cases: 19666
Invalid: 394
Minimum: 73
Maximum: 226
Mean: 143.2
Standard deviation: 15

Literal question

MUAC (mm) (000) Left Arm

Household ownership of mosquito net o=no 1=yes 8=dk (net)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Does your household have any mosquito nets that can be used while sleeping? (Circle the answer)? 1=Yes 2=No

Number of mosquito nets (netnum)
File: 2015NNHS_Child_Final

Overview

Number of mosquito nets (netnum)

File: 2015NNHS_Child_Final

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-45

Valid cases: 13157
Invalid: 6903

Literal question

If yes (ML01), how many mosquito nets does your household have? (Number of nets)

MNCHW Awareness 0=No 1=Yes 8=DK (mnchw)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 20060
Invalid: 0

Literal question

Was there a Maternal Newborn and Child Health Weeks (MNCHW) campaign in the last 6 months 1=Yes 2=No 8=DK

Access to MNCHW 0=No 1=Yes 8=DK (mnchwser)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 6824
Invalid: 13236

Literal question

If yes (MN01), Did anyone from this household receive any services (such as vitamin A supplementaion) during this MNCHW campaigns? 1=Yes 2=No 8=DK

MNCHW Site 1=HF 2=Outreach 3=HH 4=DK (mnchwsite)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-8

Valid cases: 4863
Invalid: 15197

Literal question

If yes (MN02), Where did they receive services during the MNCH week campaign? 1=Health facility 2=Other site 3=Some one came to

Age in complete years (ageyrs)

File: 2015NNHS_Child_Final

Overview

Age in complete years (ageyrs)
File: 2015NNHS_Child_Final

Type: Continuous
Format: numeric
Width: 3
Decimals: 1
Range: 0-4

Valid cases: 20060
Invalid: 0

Literal question

Age in complete years (if the child is < 1 year of age, write '0')

Person stayed in the HH the previous night 0=no 1=yes (stayed)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 20060
Invalid: 0

Literal question

Is he/she spent the previous night in the household? 1=Yes 2=No

Date of birth known 0=no 1=yes (chdate)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 19886
Invalid: 174

Literal question

Birth Date

Child's age in months - calculated (chagemonths)
File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-59

Valid cases: 7429
Invalid: 12631
Minimum: 0
Maximum: 59
Mean: 24.7
Standard deviation: 17

Literal question

Age in months (fill only if no birthdate)

Measurement 1= Height 2=Length (chmeasure)
File: 2015NNHS_Child_Final

Overview

Measurement 1= Height 2=Length (chmeasure)
File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 19681
Invalid: 379

Literal question

Measurement H=Height L=Length

Vitamin A 0=no 1=yes 8=dk (chvit)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 19829
Invalid: 231

Literal question

Has (name) received a vitamin A dose within the last 6 months? 1=Yes 2=No 8=DK

Deworming 0=no 1=yes 8=dk (chdeworm)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 19820
Invalid: 240

Literal question

Has (name) received a deworming tablet within the last 6 months? 1=Yes 2=No 8=DK

Received any vaccination 0=no 1=yes card 2=yes recall 8=dk (chanyvacc)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 19832
Invalid: 228

Literal question

Has (name) ever received any vaccination to prevent him/her from getting diseases, includes vaccinations received in a campaign or immunization/child health day?

Received dpt 0=no 1=yes card 2=yes recall 8=dk (chdpt)
File: 2015NNHS_Child_Final

Overview

Received dpt 0=no 1=yes card 2=yes recall 8=dk (chdpt)

File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 15541
Invalid: 4519

Literal question

If yes (CH01), has (name) ever received a DTP/ Penta vaccination - that is, an injection in the thigh or buttocks - to prevent him/her from getting tetanus, whooping cough, diphtheria, hepatitis B, or Haemophilius influenzae type b.

Number of times dpt/penta received (chdptx)

File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-999

Valid cases: 11216
Invalid: 8844
Minimum: 1
Maximum: 999

Literal question

If yes(CH02), how many times was the DTP/Penta vaccine received? (Number)

Received measels 0=no 1=yes card 2=yes recall 8=dk (chmeasl)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 15542
Invalid: 4518

Literal question

Has (name) ever received a measles injection - that it that is, a shot in the arm at the age of 9 months or older - to prevent him/her from getting measles?

Had diarrhoea 0=no 1=yes 8=dk (chdiarr)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 19838
Invalid: 222

Literal question

In the last two weeks, has (name) had diarrhoea?

Received ORS0=no 1=yes 8=dk (chors)

File: 2015NNHS_Child_Final

Overview

Received ORS0=no 1=yes 8=dk (chors)

File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 3352
Invalid: 16708

Literal question

If yes (CH05), was (name) given to drink ORS?

Received Zinc 0=no 1=yes 8=dk (chzinc)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 3351
Invalid: 16709

Literal question

If yes (CH05), was (name) given zinc tablets/ syrup?

Had cough 0=no 1=yes 8=dk (cough)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 19818
Invalid: 242

Literal question

In the last two weeks, has (name) had an illness with a cough?

Had difficulty breathing 0=no 1=yes 8=dk (rapidcough)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 3618
Invalid: 16442

Literal question

If yes (CH08), did (name) breath faster than usual with short, rapid breaths or having difficulty breathing?

Rx given for ARI 0=no 1=yes 8=dk (arirx)

File: 2015NNHS_Child_Final

Overview

Rx given for ARI 0=no 1=yes 8=dk (arirx)

File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 386
Invalid: 19674

Literal question

If yes (CH09), was (name) given any medicine for the illness?

Trype of medcine given for ARI (air0)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: character
Width: 8

Valid cases: 300
Invalid: 0

Literal question

If yes (CH10), what medcine was (name) given? (use the code & enter all medicines given)

Antibiotic Pill or Syrup (arirx1)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Antibiotic- Pill / Syrup

Antibiotic Injection (arirx2)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Antibiotic - Injection

Anti-Malarial (arirx3)

File: 2015NNHS_Child_Final

Overview

Anti-Malarial (arirx3)

File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Anti-Malarial

Paracetamol/Panadol/Acetaminphen (arirx4)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Paracetamol/Panadol/Acetaminphen

Aspirin (arirx5)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Aspirin

Ibuprofen (arirx6)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Ibuprofen

Other drugs (arirx96)

File: 2015NNHS_Child_Final

Overview

Other drugs (arirx96)
File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Other drugs

Don't know (arirx98)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Don't know

Child slept under mosquito net 0=no 1=yes 8=dk (chnet)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 13032
Invalid: 7028

Literal question

If yes (ML01), did the child (name) sleep under the mosquito net last night? 1=Yes 2=No 8=DK

Had fever 0=no 1=yes 8=dk (chfever)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 19828
Invalid: 232

Literal question

In the last two weeks, has (name) been ill with fever at any time? 1=Yes 2=No 8=DK

Had RDT 0=no 1=yes 8=dk (chfevertest)
File: 2015NNHS_Child_Final

Overview

Had RDT 0=no 1=yes 8=dk (chfevertest)

File: 2015NNHS_Child_Final

Type: Discrete	Valid cases: 4625
Format: numeric	Invalid: 15435
Width: 1	
Decimals: 0	
Range: 0-8	

Literal question

If yes (ML04), at any time during the illness, did (name) have blood taken for testing? 1=Yes 2=No 8=DK

Rx given for fever 0=no 1=yes 8=dk (chfeverrx)

File: 2015NNHS_Child_Final

Overview

Type: Discrete	Valid cases: 4627
Format: numeric	Invalid: 15433
Width: 1	
Decimals: 0	
Range: 0-8	

Literal question

If yes (ML04), was (name) given any medicine for the illness (fever)? 1=Yes 2=No 8=DK

Trype of medcine given (fevrx0)

File: 2015NNHS_Child_Final

Overview

Type: Discrete	Valid cases: 3805
Format: character	Invalid: 0
Width: 10	

Literal question

If yes (ML06), what medicine was (name) given? (use the code & enter all medicines given)

SP/ Fansidar (fevrx1)

File: 2015NNHS_Child_Final

Overview

Type: Discrete	Valid cases: 20060
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

SP/ Fansidar

Chloroquinine (fevrx2)

File: 2015NNHS_Child_Final

Overview

Chloroquinine (fevrx2)
File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Chloroquinine

Amodiaquine (fevrx3)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Amodiaquine

Quinine (fevrx4)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Quinine

Artemisinin-based Comb. Therapy (ACT (fevrx5)
File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Artemisinin-based Comb. Therapy (ACT)

Other anti-malarial (fevrx6)
File: 2015NNHS_Child_Final

Overview

Other anti-malarial (fevrx6)

File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Other anti-malarial (specify)

Antibiotic pill/syrup or injection (fevrx7)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Antibiotics/other medications

Aspirin, Acetaminophen, Ibuprofen (fevrx8)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

buprofen

Other drugs (fevrx96)

File: 2015NNHS_Child_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Other drugs

Don't Know (fevrx98)

File: 2015NNHS_Child_Final

Overview

Don't Know (fevrx98)
File: 2015NNHS_Child_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 20060
Invalid: 0

Literal question

Don't Know

Final months to be used for analysis (months)
File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-59

Valid cases: 19780
Invalid: 280
Minimum: 0
Maximum: 59
Mean: 27.3
Standard deviation: 16.9

(sampwgt)
File: 2015NNHS_Child_Final

Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0.398299992084503-2.2720000743866

Valid cases: 20060
Invalid: 0
Minimum: 0.4
Maximum: 2.3
Mean: 0.9
Standard deviation: 0.5

Date data collection conducted (startdate)

File: 20151012_NNHS_HH_Final

Overview

Type: Discrete
Format: character
Width: 10

Literal question

Survey Date

Six Geo-political Zones (zone)

File: 20151012_NNHS_HH_Final

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0

Valid cases: 25210
Invalid: 0

Literal question

Zone

Survey domain (state)

File: 20151012_NNHS_HH_Final

Overview

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 25210
Invalid: 0

Literal question

State

Local government area (lga)

File: 20151012_NNHS_HH_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-774

Valid cases: 25210
Invalid: 0

Literal question

LGA

Cluster number (cluster)

File: 20151012_NNHS_HH_Final

Overview

Cluster number (cluster)
File: 20151012_NNHS_HH_Final

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1-1352

Valid cases: 25210
Invalid: 0

Literal question

Cluster number

Team number (teamnum)
File: 20151012_NNHS_HH_Final

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-30

Literal question

Team ID

Household number (hhno)
File: 20151012_NNHS_HH_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-677

Literal question

HH No

Conscent for interview (consent)
File: 20151012_NNHS_HH_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 25210
Invalid: 0

Household ownership of mosquito net o=no 1=yes 8=dk (net)
File: 20151012_NNHS_HH_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 25126
Invalid: 84

Household ownership of mosquito net o=no 1=yes 8=dk (net)
File: 20151012_NNHS_HH_Final

Literal question

Does your household have any mosquito nets that can be used while sleeping? (Circle the answer)? 1=Yes 2=No

Number of mosquito nets (netnum)
File: 20151012_NNHS_HH_Final

Overview

Type: Continuous	Valid cases: 14456
Format: numeric	Invalid: 10754
Width: 3	Minimum: 0
Decimals: 0	Maximum: 247
Range: 0-247	Mean: 2.2
	Standard deviation: 2.5

Literal question

If yes (ML01), how many mosquito nets does your household have? (Number of nets)

MNCHW Awareness 0=No 1=Yes 8=DK (mnchw)
File: 20151012_NNHS_HH_Final

Overview

Type: Discrete	Valid cases: 25126
Format: numeric	Invalid: 84
Width: 1	
Decimals: 0	
Range: 0-8	

Literal question

Was there a Maternal Newborn and Child Health Weeks (MNCHW) campaign in the last 6 months 1=Yes 2=No 8=DK

Access to MNCHW 0=No 1=Yes 8=DK (mnchwser)
File: 20151012_NNHS_HH_Final

Overview

Type: Discrete	Valid cases: 7429
Format: numeric	Invalid: 17781
Width: 1	
Decimals: 0	
Range: 0-8	

Literal question

If yes (MN01), Did anyone from this household receive any services (such as vitamin A supplementaion) during this MNCHW campaigns? 1=Yes 2=No 8=DK

MNCHW Site 1=HF 2=Outreach 3=HH 4=DK (mnchwsite)
File: 20151012_NNHS_HH_Final

Overview

Type: Discrete	Valid cases: 3569
Format: numeric	Invalid: 21641
Width: 1	
Decimals: 0	
Range: 1-8	

MNCHW Site 1=HF 2=Outreach 3=HH 4=DK (mnchwsite)
File: 20151012_NNHS_HH_Final

Literal question

If yes (MN02), Where did they receive services during the MNCH week campaign? 1=Health facility 2=Other site 3=Some one came to

(sampwgt)
File: 20151012_NNHS_HH_Final

Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0.451900005340576-2.45530009269714

Valid cases: 25210
Invalid: 0
Minimum: 0.5
Maximum: 2.5
Mean: 1
Standard deviation: 0.4

Date data collection conducted (startdate)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: character
Width: 10

Geo-political Region (zone)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0

Valid cases: 23688
Invalid: 0

Literal question

Zone

Survey domain (state)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 11
Decimals: 0

Valid cases: 23688
Invalid: 0

Literal question

State

Local government area (lga)

File: 20151012_NNHS_Women_Final

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-774

Literal question

LGA

Cluster number (cluster)

File: 20151012_NNHS_Women_Final

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1-1352

Valid cases: 23688
Invalid: 0

Literal question

Cluster number (cluster)

File: 20151012_NNHS_Women_Final

Cluster number

Team number (teamnum)

File: 20151012_NNHS_Women_Final

Overview
Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-30
Literal question

Team ID

Household number (hhno)

File: 20151012_NNHS_Women_Final

Overview	
Type: Continuous	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 0-677	
Literal question	

HH No

Household ownership of mosquito net o=no 1=yes 8=dk (net)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	
Literal question	

Does your household have any mosquito nets that can be used while sleeping? (Circle the answer)? 1=Yes 2=No

Number of mosquito nets (netnum)

File: 20151012_NNHS_Women_Final

Overview	
Type: Continuous	Valid cases: 14485
Format: numeric	Invalid: 9203
Width: 3	Minimum: 1
Decimals: 0	Maximum: 247
Range: 1-247	Mean: 2.4
	Standard deviation: 2.6
Literal question	

If yes (ML01), how many mosquito nets does your household have? (Number of nets)

MNCHW Awareness 0=No 1=Yes 8=DK (mnchw)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 23688
Invalid: 0

Literal question

Was there a Maternal Newborn and Child Health Weeks (MNCHW) campaign in the last 6 months 1=Yes 2=No 8=DK

Access to MNCHW 0=No 1=Yes 8=DK (mnchwser)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8

Valid cases: 7724
Invalid: 15964

Literal question

If yes (MN01), Did anyone from this household receive any services (such as vitamin A supplementaion) during this MNCHW campaigns? 1=Yes 2=No 8=DK

MNCHW Site 1=HF 2=Outreach 3=HH 4=DK (mnchwsite)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-8

Valid cases: 4220
Invalid: 19468

Literal question

If yes (MN02), Where did they receive services during the MNCH week campaign? 1=Health facility 2=Other site 3=Some one came to

Sex 1=male 2=female (sex)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 2-2

Valid cases: 23688
Invalid: 0

Literal question

Sex 1=male 2=female

Age in complete years (ageyrs)
File: 20151012_NNHS_Women_Final

Age in complete years (ageyrs)
File: 20151012_NNHS_Women_Final

Overview	
Type: Continuous	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 2	Minimum: 15
Decimals: 0	Maximum: 49
Range: 15-49	

Literal question

Age in years

Person stayed in the HH the previous night 0=no 1=yes (stayed)
File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: character	Invalid: 0
Width: 1	

Literal question

Is he/she spent the previous night in the household? 1=Yes 2=No

Womens' MUAC in mm (wmuac)
File: 20151012_NNHS_Women_Final

Overview	
Type: Continuous	Valid cases: 23152
Format: numeric	Invalid: 536
Width: 3	Minimum: 115
Decimals: 0	Maximum: 999
Range: 115-999	Mean: 273.9
	Standard deviation: 48.9

Literal question

MUAC (mm) (000) Left Arm

Pregnant 0=no 1=yes 8=dk (preg)
File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23212
Format: character	Invalid: 0
Width: 1	

Literal question

I would like to talk with you about family planning. Are you pregnant now? 1=Yes (skip to WQ8) 2=No 8=DK

Are in union 0=no 1=yes (union)
File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 19855
Format: character	Invalid: 0
Width: 1	

Are in union 0=no 1=yes (union)
File: 20151012_NNHS_Women_Final

Literal question

Are you currently married or living together with a man as if married? 1=Yes, currently married or in union 2=No, not in union

Are you using family planing 0=no 1=yes (fp)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 13883
Invalid: 0

Literal question

If Yes (W05), couples use various ways or methods to delay or avoid a pregnancy. Are you currently doing something or using any method to delay or avoid getting pregnant? 1=Yes 2=No

Type of FP (fptype)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 3841
Invalid: 0

Literal question

If yes, (W06), what are you doing to delay or avoid a pregnancy? (Use code & enter all mentioned)

Female Sterilization (fp1)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Female Sterilization

Male Sterilization (fp2)
File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 23688
Invalid: 0

Literal question

Male Sterilization

IUD (fp3)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	
Literal question	

IUD

Injectable (fp4)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	
Literal question	

Injectable

Implants (fp5)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	
Literal question	

Implants

Pill (fp6)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	
Literal question	

Pill

Male Condom (fp7)

File: 20151012_NNHS_Women_Final

Overview

Male Condom (fp7)

File: 20151012_NNHS_Women_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Male Condom

Female Condom (fp8)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Female Condom

Diaphragm (fp9)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Diaphragm

Foam/Jelly (fp10)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 23688
Invalid: 0

Literal question

Foam/Jelly

Lactational Amenorrhoea Method (fp11)

File: 20151012_NNHS_Women_Final

Overview

Lactational Amenorrhoea Method (fp11)

File: 20151012_NNHS_Women_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Lactational Amenorrhoea Method

Period Abstinence/ Rhythm (fp12)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Period Abstinence/ Rhythm

Withdrawal (fp13)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Withdrawal

Other (fp96)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Other (specify)

Have you given birth in the last two years 0=no 1=yes (birth2yrs)

File: 20151012_NNHS_Women_Final

Overview

Have you given birth in the last two years 0=no 1=yes (birth2yrs)

File: 20151012_NNHS_Women_Final

Type: Discrete
Format: character
Width: 1

Valid cases: 23219
Invalid: 0

Literal question

Did you give birth in the last 2 years? 1=Yes 2=No

Who assisted with delivey 1=professional 2=TBA 3=relative 4=no-one (bassist)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 8634
Invalid: 0

Literal question

If yes (W08), who assisted with the delivery of the last birth (name)?

Doctor /Nurse /Midwife or Auxiliary Midwife/Community Health Worker (asst1)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Health professional: Doctor/Nurse/Midwife/ Auxiliary Midwife

Traditional Birth Attendant (asst2)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Other person; Traditional birth attendant/ Community health worker

Relative /Friend /Other (asst3)

File: 20151012_NNHS_Women_Final

Overview

Relative /Friend /Other (asst3)

File: 20151012_NNHS_Women_Final

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

Relative/ Friend/ Other

No one (asst4)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Literal question

No one

Did you see anyone for ANC 0=No 1=Yes (anc)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 8634
Invalid: 0

Whom did you see for ANC 1=professional 2=TBA 3=relative 4=no-one (ancsee)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 5956
Invalid: 0

Doctor /Nurse /Midwife or Auxiliary Midwife/Community Health Worker (anc1)

File: 20151012_NNHS_Women_Final

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 23688
Invalid: 0

Traditional Birth Attendant (anc2)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Relative /Friend /Other (anc3)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

No one (anc4)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 23688
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

How many times did you recieve ANC (ancno)

File: 20151012_NNHS_Women_Final

Overview	
Type: Continuous	Valid cases: 5949
Format: numeric	Invalid: 17739
Width: 3	Minimum: -4
Decimals: 0	Maximum: 999
Range: -4-999	Mean: 6.7
	Standard deviation: 26

Did you take anti-malaria during ANC 0=No 1=Yes 8=DK (malmed)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 5956
Format: character	Invalid: 0
Width: 1	

Which med 1=SP/Fansider 2=Chloro 3=Ohter 8=DK (malmedtyp)

File: 20151012_NNHS_Women_Final

Which med 1=SP/Fansider 2=Chloro 3=Ohter 8=DK (malmedtyp)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 4243
Format: character	Invalid: 0
Width: 1	

How many times did u take SP/Fansidar (malmedno)

File: 20151012_NNHS_Women_Final

Overview	
Type: Continuous	Valid cases: 2913
Format: numeric	Invalid: 20775
Width: 2	Minimum: 1
Decimals: 0	Maximum: 92
Range: 1-92	

Were you offered a test for AIDS virus 0=No 1=Yes 8=DK (aids)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 5957
Format: character	Invalid: 0
Width: 1	

Were you tested for AIDS virus 0=No 1=Yes 8=DK (aidstest)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 4339
Format: character	Invalid: 0
Width: 1	

Did you get the results of the test0=No 1=Yes 8=DK (aidsres)

File: 20151012_NNHS_Women_Final

Overview	
Type: Discrete	Valid cases: 4167
Format: character	Invalid: 0
Width: 1	

(sampwgt)

File: 20151012_NNHS_Women_Final

Overview

(sampwgt)
File: 20151012_NNHS_Women_Final

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0.428200006484985-2.14100003242493

Valid cases: 23688
Invalid: 0
Minimum: 0.4
Maximum: 2.1
Mean: 1
Standard deviation: 0.4

Related Materials

Questionnaires

National Nutrition and Health Survey Questionnaire 2015

Title	National Nutrition and Health Survey Questionnaire 2015
subtitle	NNHS-QUESTIONNAIRE-2015
Author(s)	National Bureau of Statistics (NBS) , United Nations Children's Fund (UNICEF) , United States Agency for International Development (USAID)
Date	2016-08-23
Country	Nigeria
Language	English
Contributor(s)	National Bureau of Statistics (NBS) , United Nations Children's Fund (UNICEF) , Department for International Development (DFID) , United States Agency for International Development (USAID)
Publisher(s)	National Bureau of Statistics (NBS)
Description	The Questionnaire for National Nutrition and Health Survey, 2015.
Table of contents	Section I: Household Composition Section 2: Women from 15-49 years of age Section 3: Child Anthropometry, Vitamin A & De-worming Section 4: Child Health and Immunization Section 5: Malaria Section 6. MNCHW
Filename	Document/QUESTIONNAIRE/NNHS- Questionnaire.pdf

Reports

National Nutrition and Health Survey Report 2015

Title	National Nutrition and Health Survey Report 2015
subtitle	NNHS-REPORT-2015
Author(s)	National Bureau of Statistics (NBS) , United Nations Children's Fund (UNICEF) , United States Agency for International Development (USAID)
Date	2016-08-23
Country	Nigeria
Language	English
Contributor(s)	National Bureau of Statistics (NBS) , United Nations Children's Fund (UNICEF) , Department for International Development (DFID) , United States Agency for International Development (USAID)
Publisher(s)	National Bureau of Statistics (NBS)
Description	The Report for National Nutrition and Health Survey, 2015.

Table of contents	FOREWORD LIST OF ACRONYMS EXECUTIVE SUMMARY DATA QUALITY SUMMARY JUSTIFICATION FOR TH E SURVEY OBJECTIVES OF THE SURVEY KEY FINDINGS CHILD NUTRITION CHILD HEALTH MALARIA WOMEN NUTRITION REPRODUCTIVE HEALTH MATERNAL NEW-BORN AND CHILD HEALTH WEEK (MNCHW) METHODOLOGY DESIGN SAMPLING TRAINING RECRUITMENT OF INTERVIEWERS AND TEAM ORGANIZATION DATA COLLECTION AND SUPERVISION DATA QUALITY CONTROL AND DATA ENTRY DATA QUALITY CONTROL DATA ENTRY DATA ANALYSIS LIMITATIONS AND POTENTIAL BIASES REVIEW OF DATA QUALITY RESULTS SAMPLE DESCRIPTION ANTHROPOMETRY RESULTS Acute Malnutrition Acute Malnutrition (WHZ /or Bilateral Oedema) Acute Malnutrition (MUAC /or Bilateral Oedema) Underweight Stunting Trends of Acute Malnutrition Dual Malnutrition Deficits Overweight CHILD HEALTH Vaccination Coverage Measles Diarrhoea, Oral Rehydration Therapy and Zinc Supplementation Coverage . Acute Respiratory Infection (ARI) and Treatment Antimalarial Treatment for Children Intermittent Preventive Treatment for Malaria in pregnant women WOMEN NUTRITION REPRODUCTIVE HEALTH Skilled Birth Attendant Contraceptive Prevalence Rate Antenatal Care HIV Testing MATERNAL NEWBORN AND CHILD HEALTH WEEK (MNCHW) Vitamin A Deworming CONCLUSION AND RECOMMENDATIONS REFERENCES ANNEXES ANNEX 1: NIGERIA GEOPOLITICAL MAP ANNEX 2: DATA QUALITY ANNEX 3: LIST OF INDICATORS ANNEX 4: SURVEY IMPLEMENTATION TIMELINE
Filename	Document/FINAL REPORT OF NNHS 2015 FROM ASSSAYE -NNHS2015_Final.pdf

Other materials

National Nutrition and Health Survey Protocol 2015

Title	National Nutrition and Health Survey Protocol 2015
subtitle	NNHS-PROTOCOL-2015
Author(s)	National Bureau of Statistics (NBS)
Date	2016-08-23
Country	Nigeria
Language	English
Contributor(s)	National Bureau of Statistics (NBS) , United Nations Children's Fund (UNICEF) , Department for International Development (DFID)
Publisher(s)	National Bureau of Statistics (NBS)
Description	This is the Survey Protocol for the for National Nutrition and Health Survey, 2015.
Table of contents	
Filename	Document/15.05.28_Survey Protocol_NNHS 2015.pdf

National Nutrition and Health Interviewers Manual 2015

Title	National Nutrition and Health Interviewers Manual 2015
subtitle	NNHS-INTERVIEWERS MANUAL-2015
Author(s)	National Bureau of Statistics (NBS)
Date	2016-08-23
Country	Nigeria
Language	English
Contributor(s)	National Bureau of Statistics (NBS) , United Nations Children's Fund (UNICEF) , Department for International Development (DFID)
Publisher(s)	National Bureau of Statistics (NBS)
Description	The Interviewer's Manual for the National Nutrition and Health Survey 2015.

Table of contents	
Filename	Document/2015.07.05_NNHS_Interviewers_Mannual.pdf

National Nutrition and Health Survey 2015 StudyDoc

Title	National Nutrition and Health Survey 2015 StudyDoc
subtitle	NNHS-STUDYDOC-2014
Author(s)	National Bureau of Statistics(NBS)
Date	2016-08-23
Country	Nigeria
Language	English
Contributor(s)	National Bureau of Statistics(NBS)
Publisher(s)	NAtional Bureau of Statistics(NBS)
Description	This is the Full study documnetation of the National Nutrition and Health Survey carried out in 2015.
Table of contents	
Filename	Document/NBS-NNHS-2015 StudyDoc.pdf