

The United Republic of Tanzania - The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey

National Bureau of Statistics, Office of chief Government Statistician of Zanzibar,

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Identification

SURVEY ID NUMBER

TZA-NBS-DHS-2022-v01.

TITLE

The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey

TRANSLATED TITLE

Utafiti wa Afya ya Uzazi na Mtoto na Viashiria vya Malaria wa Mwaka 2022

COUNTRY

Name	Country code
The United Republic of Tanzania	URT

STUDY TYPE

Demographic and Health Survey [hh/dhs]

SERIES INFORMATION

The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey (2022 TDHS-MIS) is designed to provide data for monitoring the population and health situation in Tanzania. The 2022 TDHS-MIS is the 7th Demographic and Health Survey conducted in Tanzania since 1991-92 and the 5th Malaria Indicator Survey since 2007-08. The primary objective of the survey is to provide reliable estimates of fertility levels, marriage, sexual activity, fertility preferences, awareness and use of family planning methods, breastfeeding practices, nutrition, childhood and maternal mortality, maternal and child health, malaria, other health related issues, as well as prevalence of malaria infection among children under age 5. This information is intended for use by programme managers and policymakers to evaluate and improve existing programmes.

ABSTRACT

The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey (2022 TDHS-MIS) is designed to provide data for monitoring the population and health situation in Tanzania. The 2022 TDHS-MIS is the 7th Demographic and Health Survey conducted in Tanzania since 1991-92 and the 5th Malaria Indicator Survey since 2007-08. The primary objective of the survey is to provide reliable estimates of fertility levels, marriage, sexual activity, fertility preferences, awareness and use of family planning methods, breastfeeding practices, nutrition, childhood and maternal mortality, maternal and child health, malaria, other health related issues, as well as prevalence of malaria infection among children under age 5. This information is intended for use by programme managers and policymakers to evaluate and improve existing programmes

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey (2022 TDHS-MIS) had the following unit of Analysis: Household and Individuals

Version

VERSION DESCRIPTION

V01: Anonymous dataset for public distribution.

VERSION DATE

2022-10-28

Scope

NOTES

The scope of The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey (2022 TDHS-MIS) includes:

-Household: This involves Household characteristics, household listing, education, etc

-MEN: Men characteristics, Poligamy, marriage issues, HIV knowledge, domestic violence and sexual behaviour

- WOMEN: Women's characteristics, child mortality, maternal and newborn health, marriage, polygyny, female genital cutting, contraception, and HIV/AIDS knowledge, with optional modules for unmet need, domestic violence, and sexual behavior.

- CHILDREN: Children's characteristics, Vaccination, birth registration and early learning, vitamin A, breastfeeding, care of illness, malaria, immunization, and anthropometry, with an optional module for child development.

TOPICS

Topic	URI
TDHS-MIS 2022	Link

KEYWORDS

Keyword	Vocabulary
DHS	DHS
TDHS	DHS
TDHS-MIS	DHS
2022 TDHS-MIS	DHS

Coverage

GEOGRAPHIC COVERAGE

Tanzania Mainland and Zanzibar

UNIVERSE

The survey covered all household members (usual residents), 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 INVESTIGATORS

Name	Affiliation
National Bureau of Statistics	NBS
Office of chief Government Statistician of Zanzibar	OCGS

PRODUCERS

Name	Affiliation	Role
Tanzania Food and Nutrition	Ministry of Health	Technical assistance
ICF - The DHS Program		Technical assistance
United States Agency for International Development		Technical assistance

FUNDING AGENCY/SPONSOR

Name	Abbreviation
The Government of Tanzania	TZA
United States Agency for International Development	USAID
The President's Malaria Initiative	PMI

Canadian International Development Agency	CIDA
The Centers for Disease Control and Prevention	CDC
The Foreign, Commonwealth and Development the Foreign, Commonwealth and Development Office	FCDO
German Internal Cooperation	GIZ
Hilton Foundation	HF
Irish Aid	IA
The Royal Norwegian Embassy	
Legal and Human Rights Center	LHRC
United Nation Children Fund	UNICEF
Nutrition International	NI
Wold Food Programme	WFP
Billy Melinda Gates Foundation	BMGF

Sampling

SAMPLING PROCEDURE

The sample design for the 2022 TDHS-MIS was carried out in two stages and was intended to provide estimates for the entire country, for urban and rural areas in Tanzania Mainland, and for Zanzibar. For specific indicators such as contraceptive use, the sample design allows for estimation of indicators for each of the 31 regions-26 regions in Tanzania Mainland and 5 regions in Zanzibar.

The sampling frame excluded institutional populations, such as persons in hospitals, hotels, barracks, camps, hostels, and prisons. The 2022 TDHS-MIS followed a stratified two-stage sample design. The first stage involved selection of sampling points (clusters) consisting of enumeration areas (EAs) delineated for the 2012 Tanzania Population and Housing Census (2012 PHC). The EAs were selected with a probability proportional to their size within each sampling stratum. A total of 629 clusters were selected. Among the 629 EAs, 211 were from urban areas and 418 were from rural areas.

In the second stage, 26 households were selected systematically from each cluster, for a total anticipated sample size of 16,354 households for the 2022 TDHS-MIS. A household listing operation was carried out in all the selected EAs before the main survey. During the household listing operation, field staff visited each of the selected EAs to draw location maps and detailed sketch maps and to list all residential households found in each EA with addresses and the names of the heads of the households. The resulting list of households served as a sampling frame for the selection of households in the second stage. During the listing operation, field teams collected global positioning system (GPS) data-latitude, longitude, and altitude readings-to produce one GPS point per EA. To estimate geographic differentials for certain demographic indicators, Tanzania was divided into nine geographic zones. Although these zones are not official administrative areas, this classification system is also used by the Reproductive and Child Health Section of the Ministry of Health. Grouping of regions into zones allows for larger denominators and smaller sampling errors for indicators at the zonal level. The zones are as follows:

Tanzania Mainland:

- Western zone: Tabora, Kigoma
- Northern zone: Kilimanjaro, Tanga, Arusha
- Central zone: Dodoma, Singida, Manyara
- Southern Highlands zone: Iringa, Njombe, Ruvuma
- Southern zone: Lindi, Mtwara
- Southwest Highlands zone: Mbeya, Rukwa, Katavi, Songwe
- Lake zone: Kagera, Mwanza, Geita, Mara, Simiyu, Shinyanga
- Eastern zone: Dar es Salaam, Pwani, Morogoro

Introduction and Survey Methodology • 3

Zanzibar:

- Zanzibar zone: Kaskazini Unguja, Kusini Unguja, Mjini Magharibi, Kaskazini Pemba, Kusini Pemba

All women age 15-49 who were either usual residents or visitors in the household on the night before the survey interview were included in the 2022 TDHS-MIS and were eligible to be interviewed. In a subsample of half of all households selected for the survey, all men age 15-49 were eligible to be

interviewed if they were either usual residents or visitors in the household on the night before the survey interview. In this subsample, children age 0-59 months, women age 15-49, and men age 15-49 were eligible for height and weight measurement. Children age 6-59 months were also eligible for anaemia and malaria testing using rapid tests. Women were eligible for anaemia testing and were asked to provide a urine sample for laboratory testing to detect the presence of iodine. In this subsample of half of households, anaemia and malaria testing were conducted using capillary blood.

A subsample of approximately 20% of all households was selected for the micronutrient component. Within those households, all interviewed women age 15-49 and children age 6-59 months were eligible for venous blood collection. In 40% of the households selected for micronutrient testing, a dose of vitamin A was administered, and an additional blood sample was collected approximately 4 hours later for relative dose response testing. Questions on food fortification were asked, and samples of salt, wheat flour, maize flour, and cooking oil were collected from the household. Blood specimens and food samples were collected, processed, and sent to TFNC for storage and analysis. Drops of the venous blood collected from women and children in the field were tested on-the-spot for anaemia and malaria. Haematocrit was measured in venous blood collected from women, and all blood samples were processed on the same day they were collected to prepare them for frozen storage until the start of laboratory testing. A range of micronutrient laboratory analyses was carried out by TFNC. The results for all tests conducted in the 20% of households included in the micronutrient component will be published in a separate report. Results of the anaemia testing for children and women in this micronutrient subsample using venous blood are published in this report and will be included in the separate micronutrient report as well.

RESPONSE RATE

A total of 16,312 households were selected for the 2022 TDHS-MIS sample. This number is slightly less than the targeted sample size of 16,354 because one EA could not be reached due to security reasons, while a few EAs had less than the targeted 26 households. Of the 16,312 households selected, 15,907 were found to be occupied. Of the occupied households, 15,705 were successfully interviewed, yielding a response rate of 99%. In the interviewed households, 15,699 women age 15-49 were identified as eligible for individual interviews. Interviews were completed with 15,254 women, yielding a response rate of 97%. In the subsample (50% of households) of households selected for the male questionnaire, 6,367 men age 15-49 were identified as eligible for individual interviews, and 5,763 were successfully interviewed, yielding a response rate of 91%.

WEIGHTING

The sample design for the 2022 TDHS-MIS was carried out in two stages and was intended to provide estimates for the entire country, for urban and rural areas in Tanzania Mainland, and for Zanzibar. For specific indicators such as contraceptive use, the sample design allows for estimation of indicators for each of the 31 regions—26 regions in Tanzania Mainland and 5 regions in Zanzibar.

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Data Collection

DATES OF DATA COLLECTION

Start	End
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2022-02-24	2022-07-21
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TIME PERIODS

Start date	End date
2022-02-24	2022-07-21

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

SUPERVISION

The role of the supervisor was to coordinate field data collection activities, including management of the field teams, supplies and equipment, finances, maps and listings, coordinate with local authorities concerning the survey plan and make arrangements for accommodation and travel. Additionally, the field supervisor assigned the work to the interviewers, spot checked work, maintained field control documents, and sent completed questionnaires and progress reports to the central office.

The field editor was responsible for reviewing each questionnaire at the end of the day, checking for missed questions, skip errors, fields incorrectly completed, and checking for inconsistencies in the data. The field editor also observed interviews and conducted review sessions with interviewers.

Responsibilities of the supervisors and field editors are described in the Instructions for Supervisors and Field Editors, together with the different field controls that were in place to control the quality of the fieldwork.

Field visits were also made by a team of central staff on a periodic basis during fieldwork. The senior staff of GenCenStat also made 3 visits to field teams to provide support and to review progress.

DATA COLLECTION NOTES

Data collection was carried out by 18 field teams, 3 teams for Zanzibar and 15 teams for Tanzania Mainland. Each team was provided with two vehicles (four-wheel drive trucks) with two drivers. Each team consisted of a team supervisor, a CAPI supervisor, three female interviewers, one male interviewer, and four biomarker technicians (two for standard biomarkers and two for micronutrients). During fieldwork, EA maps, listing forms, and local leaders assisted the field staff in identifying the sampled clusters and households. The team leaders and CAPI supervisors were responsible for data quality in the field.

Fieldwork monitoring was an integral part of the 2022 TDHS-MIS. Quality control teams consisted of staff from NBS, OCGS, TFNC, and the ministry responsible for health from both Tanzania Mainland and Zanzibar. Fieldwork monitoring involved visiting teams regularly to ensure that the survey was conducted according to the survey protocol and providing real time solutions to field challenges by observing the biomarker measurements of eligible respondents. All biomarker questionnaires and urine specimens were sent to the nearest TFNC laboratory every week. Field check tables were generated regularly from Syncloud to monitor data quality and fieldwork progress. For field teams with specific problems, quality control staff provided specific instructions to help those teams to improve their performance, otherwise feedback was regularly provided to all field teams. ICF provided technical assistance during the entire 5-month data collection period, which ran from 24 February to 21 July 2022. All teams completed their first cluster in Kilimanjaro region. Data collection in other regions started in March 2022.

DATA COLLECTORS

Name	Abbreviation	Affiliation
National Bureau of Statistics	NBS	Ministry of Finance
Office of chief Government Statistician	OCGS	President Office Of Ministry of Finance and Planning Zanzibar

Questionnaires

QUESTIONNAIRES

Five questionnaires were used for the 2022 TDHS-MIS: the Household Questionnaire, the Woman's Questionnaire, the Man's Questionnaire, the Biomarker Questionnaire, and the Micronutrient Questionnaire. The questionnaires, based on The DHS Program's Model Questionnaires, were adapted to

reflect the population and health issues relevant to Tanzania. In addition, a self-administered Fieldworker's Questionnaire collected information about the survey's fieldworkers.

The Household Questionnaire was used to list all the usual members and visitors in the selected households. Basic demographic information was collected on characteristics of each person listed, including age, sex, marital status, education, and relationship to the head of the household. Parents' survival status was determined for children under age 18. The data on age and sex of household members obtained from the Household Questionnaire were used to identify women and men who were eligible for individual interviews. The Household Questionnaire also collected information on characteristics of the household's dwelling unit, such as source of drinking water, type of toilet facilities, materials used for the floor of the dwelling unit, ownership of various durable goods, and ownership and use of mosquito nets. Questions were also asked about the disability status of household members age 5 or above. The Household Questionnaire also collected information on the results of iodine tests conducted on the salt consumed by households.

The Woman's Questionnaire was used to collect information from all eligible women age 15–49. These women were asked questions on the following topics:

- Background characteristics (age, education, media exposure, etc.)
- Birth history and childhood mortality
- Knowledge and use of family planning methods
- Fertility preferences, antenatal, delivery, and postnatal care
- Breastfeeding and infant feeding practices
- Vaccinations and childhood illnesses
- Marriage and sexual activity
- Women's work and husband's background characteristics
- Other health issues
- Adult mortality, including maternal mortality
- Female genital cutting
- Early childhood development
- Malaria
- Domestic violence

The Man's Questionnaire was administered to all men age 15–49 in the subsample of households selected for the men's survey. The Man's Questionnaire collected much of the same information found in the Woman's Questionnaire, but it was shorter because it did not contain a detailed reproductive history or questions on maternal and child health.

The Biomarker Questionnaire was used to record anthropometric (height and weight) measurements for children under age 5 and women and men age 15–49; to record anaemia test results for children age 6–59 months and women age 15–49; to record malaria rapid test results for children age 6–59 months; and to document responses to requests to women age 15–49 to collect urine samples for laboratory testing of urinary iodine. The samples were to be tested later for iodine at the TFNC laboratory.

A Micronutrient Questionnaire was used to record anthropometric measurements, anaemia and malaria test results, and haematocrit results for women and to document the outcome of venous blood collection procedures and, in the relevant subset, the time for each step in the vitamin A relative dose response test. The Fieldworker Questionnaire recorded basic background information on the people collecting data in the field, including the team supervisors, computer-assisted personal interviewing (CAPI) supervisors, interviewers, and biomarker technicians.

The questionnaires and the survey protocol, including administration of questionnaires and collection of biomarkers, were approved by the Medical Research Council of Tanzania and the Zanzibar Health Research Institute and reviewed by ICF's Internal Review Board (IRB).

Data Processing

DATA EDITING

Data editing took place at a number of stages throughout the processing, including:

- a) Office editing and coding
- b) During data entry
- c) Structure checking and completeness
- d) Secondary editing

Access policy

CONTACTS

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CONFIDENTIALITY

Confidentiality of respondents is guaranteed by The Statistics Act, [Cap 351 R.E 2019] Before being granted access to the dataset, all users have formally agreed: 1. All identifying information such as the name and address of respondent has been removed; 2. The information is disclosed in a manner that is not likely to enable the identification of the particular person or undertaking or business to which it relates. 3. Not attempt to identify any particular person or undertaking or business; 4. Use of information for research or statistically purpose only; 5. Not to disclose the information to any other person, organization 6. When required by the Director General, return all documents made available to him to the Director General; 7. Comply with the directions given by the Director General relating to the records. 8. Every person involved in the research or statistical project for which information is disclosed pursuant to this section shall make the declaration of secrecy set out in the first schedule.

ACCESS CONDITIONS

Tanzania NBS considered three levels of accessibility:

- 1) Public use files, accessible by all
- 2) Licensed datasets, accessible under certain conditions
- 3) Datasets only accessible on location, for certain datasets

The dataset has been anonymized and available as a public use dataset. It accessible to all for statistical and research purposes only, under the following terms and conditions:

1. The data and other material will not be redistributed or sold to other individuals, institutions, or organization without the written agreement of the Tanzania National Bureau of Statistics.
2. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.

CITATION REQUIREMENTS

National Bureau of Statistics (NBS) [Tanzania]. 2022. The 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey Report (2022 TDHS-MIS) . Dodoma, Tanzania: NBS.

ACCESS AUTHORITY

Name	Affiliation	Email	URL
National Bureau of Statistics	Ministry of Finance	sg@nbs.go.tz	Link

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DISCLAIMER

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Metadata production

DDI DOCUMENT ID

DDI-TZA-NBS-DHS-2022-v01

PRODUCERS

Name	Abbreviation	Affiliation	Role
National Bureau of Statistics	NBS	Ministry of Finance	Documentation of the study

DATE OF METADATA PRODUCTION

2023-12-08

DDI DOCUMENT VERSION

Version 01 (July 2022)

Data Description

Data file	Cases	Variables
TZBR81FL TZBR81FL	40394	1350

Data file: TZBR81FL

TZBR81FL

Cases: 40394

Variables: 1350

Variables

ID	Name	Label	Question
V1	caseid	filler	
V2	bidx	birth column number	
V3	v000	country code and phase	
V4	v001	cluster number	
V5	v002	household number	
V6	v003	respondent's line number	
V7	v004	ultimate area unit	
V8	v005	women's individual sample weight (6 decimals)	
V9	v006	month of interview	
V10	v007	year of interview	
V11	v008	date of interview (cmc)	
V12	v008a	date of interview century day code (cdc)	
V13	v009	respondent's month of birth	
V14	v010	respondent's year of birth	
V15	v011	date of birth (cmc)	
V16	v012	respondent's current age	
V17	v013	age in 5-year groups	
V18	v014	completeness of age information	
V19	v015	result of individual interview	
V20	v016	day of interview	
V21	v017	cmc start of calendar	
V22	v018	row of month of interview	
V23	v019	length of calendar	
V24	v019a	number of calendar columns	
V25	v020	ever-married sample	
V26	v021	primary sampling unit	
V27	v022	sample strata for sampling errors	
V28	v023	stratification used in sample design	
V29	v024	region	
V30	v025	type of place of residence	
V31	v026	na - de facto place of residence	
V32	v027	number of visits	
V33	v028	interviewer identification	
V34	v029	na - keyer identification	
V35	v030	field supervisor	
V36	v031	na - field editor	
V37	v032	na - office editor	

ID	Name	Label	Question
V38	v034	line number of husband	
V39	v040	cluster altitude in meters	
V40	v042	household selected for hemoglobin	
V41	v044	selected for domestic violence module	
V42	v045a	language of questionnaire	
V43	v045b	language of interview	
V44	v045c	native language of respondent	
V45	v046	translator used	
V46	v047	team number	
V47	v048	na - team supervisor	
V48	v101	region	
V49	v102	type of place of residence	
V50	v103	na - childhood place of residence	
V51	v104	years lived in place of residence	
V52	v105	type of place of previous residence	
V53	v105a	region of previous residence	
V54	v106	highest educational level	
V55	v107	highest year of education	
V56	v113	source of drinking water	
V57	v115	time to get to water source	
V58	v116	type of toilet facility	
V59	v119	household has: electricity	
V60	v120	household has: radio	
V61	v121	household has: television	
V62	v122	household has: refrigerator	
V63	v123	household has: bicycle	
V64	v124	household has: motorcycle/scooter	
V65	v125	household has: car/truck	
V66	v127	main floor material	
V67	v128	main wall material	
V68	v129	main roof material	
V69	v130	na - religion	
V70	v131	na - ethnicity	
V71	v133	education in single years	
V72	v134	na - de facto place of residence	
V73	v135	usual resident or visitor	
V74	v136	number of household members (listed)	
V75	v137	number of children 5 and under in household (de jure)	
V76	v138	number of eligible women in household (de facto)	
V77	v139	de jure region of residence	
V78	v140	de jure type of place of residence	
V79	v141	na - de jure place of residence	
V80	v149	educational attainment	
V81	v150	relationship to household head	
V82	v151	sex of household head	

ID	Name	Label	Question
V83	v152	age of household head	
V84	v153	household has: telephone (land-line)	
V85	awfactt	all woman factor - total	
V86	awfactu	all woman factor - urban/rural	
V87	awfactr	all woman factor - regional	
V88	awfacte	all woman factor - educational	
V89	awfactw	all woman factor - wealth index	
V90	v155	literacy	
V91	v156	na - ever participated in a literacy program outside of primary	
V92	v157	frequency of reading newspaper or magazine	
V93	v158	frequency of listening to radio	
V94	v159	frequency of watching television	
V95	v160	toilet facilities shared with other households	
V96	v161	type of cooking fuel	
V97	v166	na - result of salt test for iodine	
V98	v167	na - number of trips in last 12 months	
V99	v168	na - away for more than one month in last 12 months	
V100	v169a	owns a mobile telephone	
V101	v169b	last 12 months use mobile telephone for financial transactions	
V102	v169c	is respondent's mobile phone a smart phone	
V103	v170	has an account in a bank or other financial institution	
V104	v171a	use of internet	
V105	v171b	frequency of using internet last month	
V106	v172	respondent state of birth	
V107	v173	respondent country of birth	
V108	v174m	month move to current place of residence	
V109	v174y	year move to current place of residence	
V110	v175	reason for moving to current place of residence	
V111	v176	self reported health status	
V112	v177	money put/taken from bank account last 12 months	
V113	v190	wealth index combined	
V114	v191	wealth index factor score combined (5 decimals)	
V115	v190a	wealth index for urban/rural	
V116	v191a	wealth index factor score for urban/rural (5 decimals)	
V117	ml101	type of mosquito bed net(s) slept under last night	
V118	v201	total children ever born	
V119	v202	sons at home	
V120	v203	daughters at home	
V121	v204	sons elsewhere	
V122	v205	daughters elsewhere	
V123	v206	sons who have died	
V124	v207	daughters who have died	
V125	v208	births in last five years	
V126	v209	births in past year	
V127	v210	births in month of interview	

ID	Name	Label	Question
V128	v211	date of first birth (cmc)	
V129	v212	age of respondent at 1st birth	
V130	v213	currently pregnant	
V131	v214	duration of current pregnancy in months	
V132	v214a	duration of current pregnancy original	
V133	v215	time since last menstrual period	
V134	v216	menstruated in last six weeks	
V135	v217	knowledge of ovulatory cycle	
V136	v218	number of living children	
V137	v219	living children + current pregnancy	
V138	v220	living children + current pregnancy (grouped)	
V139	v221	marriage to first birth interval (months)	
V140	v222	last birth to interview (months)	
V141	v223	completeness of current pregnancy information	
V142	v224	entries in birth history	
V143	v225	current pregnancy wanted	
V144	v226	time since last period (comp) (months)	
V145	v227	flag for last period	
V146	v228	ever had a terminated pregnancy	
V147	v229	month pregnancy ended	
V148	v230	year pregnancy ended	
V149	v231	cmc pregnancy ended	
V150	v232	completeness of last termination information	
V151	v233	months when pregnancy ended	
V152	v234	other such pregnancies	
V153	v235	index last child prior to maternity-health (calendar)	
V154	v237	birth between last and interview	
V155	v238	births in last three years	
V156	v239	pregnancies terminated before calendar beginning	
V157	v240	month of last termination prior to calendar	
V158	v241	year of last termination prior to calendar	
V159	v242	cmc termination ended prior to calendar	
V160	v243	completeness of last termination date prior to calendar	
V161	v244	can women get pregnant after birth and before period	
V162	v245	pregnancy losses	
V163	v246	entries in pregnancy history	
V164	v247a	collection of menstrual blood: reusable sanitary pads	
V165	v247b	collection of menstrual blood: disposable sanitary pads	
V166	v247c	collection of menstrual blood: tampons	
V167	v247d	collection of menstrual blood: menstrual cup	
V168	v247e	collection of menstrual blood: cloth	
V169	v247f	collection of menstrual blood: toilet paper	
V170	v247g	collection of menstrual blood: cotton wool	
V171	v247h	collection of menstrual blood: underwear only	
V172	v247i	na - collection of menstrual blood: cs	

ID	Name	Label	Question
V173	v247j	na - collection of menstrual blood: cs	
V174	v247k	na - collection of menstrual blood: cs	
V175	v247l	na - collection of menstrual blood: cs	
V176	v247x	collection of menstrual blood: other	
V177	v247y	collection of menstrual blood: nothing	
V178	v248	able to change in privacy during last menstrual cycle	
V179	v249	age at first menstrual period	
V180	v310	na - living children at first use	
V181	v311	na - children at first use (grouped)	
V182	v312	current contraceptive method	
V183	v313	current use by method type	
V184	v315	month of start of use of method	
V185	v316	year of start of use of method	
V186	v317	date of start of use of method (cmc)	
V187	v318	completeness of information	
V188	v319	years since sterilization	
V189	v320	age at sterilization	
V190	v321	years since first union at sterilization	
V191	v321a	years since current union at sterilization	
V192	v322	parity at sterilization	
V193	v323	brand of pill used	
V194	v323a	brand of condom used	
V195	v325a	na - cost of current method (in currency)	
V196	v326	last source for current users	
V197	v327	last source for users by type	
V198	v337	months of use of current method	
V199	v359	last method discontinued in last 5 years	
V200	v360	reason of last discontinuation	
V201	v361	pattern of use	
V202	v362	intention to use	
V203	v363	na - preferred future method	
V204	v364	contraceptive use and intention	
V205	v367	wanted last child	
V206	v367a	wanted last pregnancy	
V207	v372	na - shown pill package	
V208	v372a	na - shown condom package	
V209	v375a	na - main reason not using a method	
V210	v376	na - main reason not to use a method	
V211	v376a	na - would ever use method if married	
V212	v379	source known for any method	
V213	v380	source known for any method	
V214	v384a	heard family planning on radio last few months	
V215	v384b	heard family planning on tv last few months	
V216	v384c	heard family planning in newspaper/magazine last few months	
V217	v384d	heard family planning by text messages on mobile phone	

ID	Name	Label	Question
V218	v384e	seen about family planning on facebook, twitter, instagram, others	
V219	v384f	seen about family planning on poster, brochure	
V220	v384g	seen about family planning on outdoor sign, billboard	
V221	v384h	heard family planning at community meetings events	
V222	v384i	na - heard/seen family planning cs	
V223	v384j	na - heard/seen family planning cs	
V224	v384k	na - heard/seen family planning cs	
V225	v393	visited by fieldworker in last 12 months	
V226	v393a	did fieldworker talk about family planning	
V227	v394	visited health facility last 12 months	
V228	v395	at health facility, told of family planning	
V229	v3a00a	na - source of family planning for non-users: government hospital	
V230	v3a00b	na - source of family planning for non-users: cs public sector	
V231	v3a00c	na - source of family planning for non-users: cs public sector	
V232	v3a00d	na - source of family planning for non-users: cs public sector	
V233	v3a00e	na - source of family planning for non-users: cs public sector	
V234	v3a00f	na - source of family planning for non-users: cs public sector	
V235	v3a00g	na - source of family planning for non-users: cs public sector	
V236	v3a00h	na - source of family planning for non-users: cs public sector	
V237	v3a00i	na - source of family planning for non-users: cs public sector	
V238	v3a00j	na - source of family planning for non-users: private hospital/clinic	
V239	v3a00k	na - source of family planning for non-users: pharmacy	
V240	v3a00l	na - source of family planning for non-users: private doctor	
V241	v3a00m	na - source of family planning for non-users: cs private sector	
V242	v3a00n	na - source of family planning for non-users: cs private sector	
V243	v3a00o	na - source of family planning for non-users: cs private sector	
V244	v3a00p	na - source of family planning for non-users: cs private sector	
V245	v3a00q	na - source of family planning for non-users: cs private sector	
V246	v3a00r	na - source of family planning for non-users: cs private sector	
V247	v3a00s	na - source of family planning for non-users: cs other	
V248	v3a00t	na - source of family planning for non-users: cs other	
V249	v3a00u	na - source of family planning for non-users: cs other	
V250	v3a00v	na - source of family planning for non-users: cs other	
V251	v3a00w	na - source of family planning for non-users: cs other	
V252	v3a00x	na - source of family planning for non-users: other	
V253	v3a00y	source of family planning for non-users: no source	
V254	v3a00z	source of family planning for non-users: any source	
V255	v3a01	na - told sterilization would mean no more children	
V256	v3a02	told about side effects	
V257	v3a03	na - told about side effects by health or family planning worker	
V258	v3a04	told how to deal with side effects	
V259	v3a05	told about other family planning methods	
V260	v3a06	na - told about other family planning methods by health or family planning worke	
V261	v3a07	first source for current method	
V262	v3a08a	reason not using: not married	

ID	Name	Label	Question
V263	v3a08b	reason not using: not having sex	
V264	v3a08c	reason not using: infrequent sex	
V265	v3a08d	reason not using: menopausal/hysterectomy	
V266	v3a08e	reason not using: subfecund/infecund	
V267	v3a08f	reason not using: postpartum amenorrheic	
V268	v3a08g	reason not using: breastfeeding	
V269	v3a08h	reason not using: fatalistic	
V270	v3a08i	reason not using: respondent opposed	
V271	v3a08j	reason not using: husband/partner opposed	
V272	v3a08k	reason not using: others opposed	
V273	v3a08l	reason not using: religious prohibition	
V274	v3a08m	reason not using: knows no method	
V275	v3a08n	reason not using: knows no source	
V276	v3a08o	na - reason not using: health concerns	
V277	v3a08p	reason not using: other side effects	
V278	v3a08q	reason not using: lack of access/too far	
V279	v3a08r	reason not using: costs too much	
V280	v3a08s	reason not using: inconvenient to use	
V281	v3a08t	reason not using: interferes with body's processes	
V282	v3a08u	reason not using: preferred method not available	
V283	v3a08v	reason not using: no method available	
V284	v3a08w	reason not using: changes in menstrual bleeding	
V285	v3a08aa	reason not using: methods could cause infertility	
V286	v3a08ab	na - reason not using: cs	
V287	v3a08ac	na - reason not using: cs	
V288	v3a08ad	na - reason not using: cs	
V289	v3a08ae	na - reason not using: cs	
V290	v3a08af	na - reason not using: cs	
V291	v3a08x	reason not using: other	
V292	v3a08z	reason not using: don't know	
V293	v3a09a	na - how many pill cycles did get last time	
V294	v3a09b	na - how many condoms did get last time	
V295	v3a10	probe for respondent/partner sterilized	
V296	v3a11	na - type of injectable based on picture observation	
V297	v3a12	na - person who injected last time	
V298	v3a13	used emergency contraception in past 12 months	
V299	v3a14	could switch method if wanted/needed	
V300	v401	last birth a caesarean section	
V301	v404	currently breastfeeding	
V302	v405	currently amenorrheic	
V303	v406	currently abstaining	
V304	v407	na - number of times breastfed during night	
V305	v408	na - number of times breastfed during day	
V306	v415	drank from bottle with nipple yesterday/last night	
V307	v416	na - heard of oral rehydration	

ID	Name	Label	Question
V308	v417	entries in pregnancy and postnatal care roster	
V309	v418	entries in immunization roster	
V310	v418a	entries in child health roster	
V311	v419	entries in height/weight roster	
V312	v420	measurer's code	
V313	v421	assistant measurer's code	
V314	v426	when child put to breast	
V315	v437	respondent's weight in kilograms (1 decimal)	
V316	v438	respondent's height in centimeters (1 decimal)	
V317	v445	body mass index	
V318	v447	result of measurement - height/weight	
V319	v446a	height/age standard deviation (new who) (women age 15-19)	
V320	v446d	bmi/age standard deviation (new who) (women age 15-19)	
V321	v447a	women's age in years (from household questionnaire)	
V322	v452a	under age 18 (from household questionnaire)	
V323	v452b	line number of parent/caretaker	
V324	v452c	read consent statement - hemoglobin	
V325	v453	hemoglobin level (g/dl - 1 decimal)	
V326	v454	currently pregnant (from household questionnaire)	
V327	v455	result of measurement - hemoglobin	
V328	v456	hemoglobin level adjusted for altitude and smoking (g/dl - 1 decimal)	
V329	v457	anemia level	
V330	v458	na - agrees to referral - anemia	
V331	v459	have mosquito bed net for sleeping (from household questionnaire)	
V332	v460	children under 5 slept under mosquito bed net last night (household questionnair	
V333	v461	respondent slept under mosquito bed net	
V334	v462	na - washed hands before preparing last meal	
V335	v463a	smokes cigarettes	
V336	v463b	smokes pipe full of tobacco	
V337	v463c	chews tobacco	
V338	v463d	snuffs by nose	
V339	v463e	smokes kreteks	
V340	v463f	smokes cigars, cheroots or cigarillos	
V341	v463g	smokes water pipe	
V342	v463h	snuff by mouth	
V343	v463i	chews betel quid with tobacco	
V344	v463j	na - smokes/uses country specific	
V345	v463k	na - smokes/uses country specific	
V346	v463l	na - smokes/uses country specific	
V347	v463x	smokes/uses other	
V348	v463z	does not use cigarettes and tobacco	
V349	v463aa	frequency smokes cigarettes	
V350	v463ab	frequency currently uses other type of tobacco	
V351	v464	number of cigarettes in last 24 hours	
V352	v466	na - when child is seriously ill, can decide whether medical treatment sought	

ID	Name	Label	Question
V353	v467a	na - getting medical help for self: know where to go	
V354	v467b	getting medical help for self: getting permission to go	
V355	v467c	getting medical help for self: getting money needed for treatment	
V356	v467d	getting medical help for self: distance to health facility	
V357	v467e	na - getting medical help for self: having to take transport	
V358	v467f	getting medical help for self: not wanting to go alone	
V359	v467g	na - getting medical help for self: concern no female health provider	
V360	v467h	na - getting medical help for self: concern no provider	
V361	v467i	na - getting medical help for self: concern no drugs available	
V362	v467j	na - getting medical help for self: cs	
V363	v467k	na - getting medical help for self: cs	
V364	v467l	na - getting medical help for self: cs	
V365	v467m	na - getting medical help for self: cs	
V366	v468	record for last birth	
V367	v471a	na - woman had tinned, powdered or fresh milk	
V368	v471b	na - woman had tea or coffee	
V369	v471c	woman had any other liquid	
V370	v471cs	woman other liquid - sweetened	
V371	v471d	woman had sodas/malt/sports/energy drinks	
V372	v471e	woman had fruit juice, fruit-flavored drinks	
V373	v471f	na - woman had cs liquid	
V374	v471g	na - woman had cs liquid	
V375	v471h	na - woman had cs liquid	
V376	v471i	na - woman had cs liquid	
V377	v472a	woman had other vegetables	
V378	v472b	woman had sausages, hot dogs, frankfurters, ham, bacon, salami, canned food	
V379	v472c	woman had nuts, seeds	
V380	v472d	na - woman had any insects	
V381	v472e	woman had porridge, bread, rice, noodles, pasta	
V382	v472f	woman had plantains, white potatoes, yams, manioc cassava, or other tubers	
V383	v472g	woman had eggs	
V384	v472h	woman had any other meat (beef, pork, lamb, chicken, etc)	
V385	v472i	woman had pumpkin, carrots, squash, sweet potatoes (yellow or orange inside)	
V386	v472j	woman had any dark green leafy vegetables	
V387	v472k	woman had mangoes, papayas, other vitamin a fruits	
V388	v472l	woman had any other fruits	
V389	v472m	na - woman had liver, heart, other organs	
V390	v472n	woman had fish or shellfish	
V391	v472o	woman had food made from beans, peas, lentils	
V392	v472p	woman had cheese, yogurt, other milk products	
V393	v472q	na - woman had oil, fats, butter, products made of them	
V394	v472r	woman had sweet foods, chocolates, candies, pastries, cakes, ice cream, etc	
V395	v472s	woman had any other food	
V396	v472t	woman had chips, crisps, french fries, fried dough, instant noodles	
V397	v472u	na - woman had red palm oil	

ID	Name	Label	Question
V398	v472v	woman had sweetened tea, coffee or herbal drinks	
V399	v472w	na - woman had [common sentinel sweet food]	
V400	v472wa	woman had pear, apple, watermelon	
V401	v472wb	woman had offal	
V402	v472wc	woman had kale, chard, chinese cabbage	
V403	v472wd	na - woman had cs foods	
V404	v472we	na - woman had cs foods	
V405	v473a	na - read consent statement - hiv	
V406	v473b	na - result of measurement - hiv	
V407	v477	na - number of injections in last 12 months	
V408	v478	na - number of injections administered by a health worker	
V409	v479	na - place of injection by health worker	
V410	v480	na - syringe and needle from new, unopened package	
V411	v481	covered by health insurance	
V412	v481a	health insurance type: mutual/community organization	
V413	v481b	health insurance type: provided by employer	
V414	v481c	health insurance type: social security	
V415	v481d	health insurance type: private/commercially purchased	
V416	v481e	health insurance type: don't know	
V417	v481f	na - health insurance type: cs	
V418	v481g	na - health insurance type: cs	
V419	v481h	na - health insurance type: cs	
V420	v481x	health insurance type: other	
V421	v482a	na - arrange care of biological children under age 18	
V422	v482b	na - primary caregiver of children under age 18	
V423	v482c	na - arrange care of non-biological children < 18	
V424	v483a	minutes to nearest healthcare facility	
V425	v483b	mode of transportation to nearest healthcare facility	
V426	v484a	breasts examined for cancer by health care provider	
V427	v484b	ever tested for cervical cancer by health care provider	
V428	v485a	number of days respondent drank alcoholic drinks in the past month	
V429	v485b	number of alcoholic drinks per day	
V430	v501	current marital status	
V431	v502	currently/formerly/never in union	
V432	v503	number of unions	
V433	v504	currently residing with husband/partner	
V434	v505	number of other wives	
V435	v506	respondent's rank among wives	
V436	v507	month of first cohabitation	
V437	v508	year of first cohabitation	
V438	v509	date of first cohabitation (cmc)	
V439	v510	completeness of date information in v509	
V440	v511	age at first cohabitation	
V441	v507a	month of current cohabitation	
V442	v508a	year of current cohabitation	

ID	Name	Label	Question
V443	v509a	date of current cohabitation (cmc)	
V444	v510a	completeness of date information in v509a	
V445	v511a	age at current cohabitation	
V446	v512	years since first cohabitation	
V447	v513	cohabitation duration (grouped)	
V448	v525	age at first sex	
V449	v527	time since last sex	
V450	v528	time since last sex (in days)	
V451	v529	time since last sex (in months)	
V452	v530	flag for v529	
V453	v531	age at first sex (imputed)	
V454	v532	flag for v531	
V455	v535	ever been married or in union	
V456	v536	recent sexual activity	
V457	v537	months of abstinence	
V458	v538	na - how previous marriage or union ended	
V459	v539	na - person who received most of late husband's property	
V460	v540	na - respondent received any of late husband's assets or valuables	
V461	v541	na - intends to wait until marriage to have sex	
V462	v542	has a marriage certificate for current marriage/union	
V463	v543a	na - marriage certificate from church, mosque or other religious institution	
V464	v543b	na - marriage certificate from civil authority	
V465	v543c	na - other document from religious institution	
V466	v543d	na - other document from civil authority	
V467	v543e	na - marriage document: cs	
V468	v543f	na - marriage document: cs	
V469	v543g	na - marriage document: cs	
V470	v543x	na - other marriage document:	
V471	v544	current marriage ever registered with civil authority	
V472	v602	fertility preference	
V473	v603	preferred waiting time for birth of a/another child	
V474	v604	preferred waiting time for birth of a/another child (grouped)	
V475	v605	desire for more children	
V476	v613	ideal number of children	
V477	v614	ideal number of children (grouped)	
V478	v616	time for future birth	
V479	v621	husband's desire for children	
V480	v623	exposure	
V481	v624	unmet need	
V482	v625	exposure (definition 2)	
V483	v626	unmet need (definition 2)	
V484	v625a	exposure to need for contraception (definition 3)	
V485	v626a	unmet need for contraception (definition 3)	
V486	v627	ideal number of boys	
V487	v628	ideal number of girls	

ID	Name	Label	Question
V488	v629	ideal number of either sex	
V489	v631	na - problem if became pregnant	
V490	v632	decision maker for using contraception	
V491	v632a	na - decision maker for not using contraception	
V492	v633a	na - reason for not having sex: husband has sti	
V493	v633b	reason for not having sex: husband has other women	
V494	v633c	na - reason for not having sex: recent birth	
V495	v633d	na - reason for not having sex: tired, not in mood	
V496	v633e	na - reason for not having sex: cs	
V497	v633f	na - reason for not having sex: cs	
V498	v633g	na - reason for not having sex: cs	
V499	v634	na - husband knows that respondent is using contraception	
V500	v635	respondent opinion compared to husband's on use of contraception	
V501	v636	husband or family member pressured respondent to become pregnant	
V502	v701	husband/partner's education level	
V503	v702	husband/partner's highest year of education (at level in v701)	
V504	v704	husband/partner's occupation	
V505	v704a	husband/partner worked in last 7 days/12 months	
V506	v705	husband/partner's occupation (grouped)	
V507	v714	respondent currently working	
V508	v714a	respondent has a job, but currently absent	
V509	v715	husband/partner's total number of years of education	
V510	v716	respondent's occupation	
V511	v717	respondent's occupation (grouped)	
V512	v719	respondent works for family, others, self	
V513	v721	na - respondent works at home or away	
V514	v729	husband/partner's educational attainment	
V515	v730	husband/partner's age	
V516	v731	respondent worked in last 12 months	
V517	v732	respondent employed all year/seasonal	
V518	v739	person who usually decides how to spend respondent's earnings	
V519	v740	na - type of land where respondent works	
V520	v741	type of earnings from respondent's work	
V521	v743a	person who usually decides on: respondent's health care	
V522	v743b	person who usually decides on: large household purchases	
V523	v743c	na - person who usually decides on: household purchases for daily needs	
V524	v743d	person who usually decides on: visits to family or relatives	
V525	v743e	na - person who usually decides on: food to be cooked each day	
V526	v743f	person who usually decides on: what to do with money husband earns	
V527	v744a	beating justified if wife goes out without telling husband	
V528	v744b	beating justified if wife neglects the children	
V529	v744c	beating justified if wife argues with husband	
V530	v744d	beating justified if wife refuses to have sex with husband	
V531	v744e	beating justified if wife burns the food	
V532	v745a	owns a house alone or jointly	

ID	Name	Label	Question
V533	v745b	owns land alone or jointly	
V534	v745c	title deed on house own by respondent	
V535	v745d	title deed on land own by respondent	
V536	v746	respondent earns more than husband/partner	
V537	bidxp	index to pregnancy history	
V538	bord	birth order number	
V539	b0	child is twin	
V540	b1	month of birth	
V541	b2	year of birth	
V542	b3	date of birth (cmc)	
V543	b4	sex of child	
V544	b5	child is alive	
V545	b6	age at death	
V546	b7	age at death (months, imputed)	
V547	b8	current age of child	
V548	b9	child lives with whom	
V549	b10	completeness of information	
V550	b11	preceding birth interval (months)	
V551	b12	succeeding birth interval (months)	
V552	b13	flag for age at death	
V553	b15	live birth between births	
V554	b16	child's line number in household	
V555	b17	day of birth	
V556	b18	century day code of birth (cdc)	
V557	b19	current age of child in months (months since birth for dead children)	
V558	b20	duration of pregnancy in months	
V559	b21	duration of pregnancy	
V560	midx	index to birth history	
V561	midxp	index to pregnancy history	
V562	m1	number of tetanus injections before birth	
V563	m1a	number of tetanus injections before pregnancy	
V564	m1b	na - month of last tetanus injection before pregnancy	
V565	m1c	na - year of last tetanus injection before pregnancy	
V566	m1d	years ago received last tetanus injection before pregnancy	
V567	m1e	last tetanus injection before pregnancy (cmc)	
V568	m2a	prenatal: doctor	
V569	m2b	prenatal: clinical officer	
V570	m2c	prenatal: assistant clinical officer	
V571	m2d	prenatal: nurse/midwife/phnb	
V572	m2e	prenatal: assistant nurse	
V573	m2f	prenatal: mch aide	
V574	m2g	prenatal: traditional birth attendant	
V575	m2h	prenatal: community health worker/field worker	
V576	m2i	na - prenatal: cs other person	
V577	m2j	na - prenatal: cs other person	

ID	Name	Label	Question
V578	m2k	prenatal: other	
V579	m2l	na - prenatal: cs other	
V580	m2m	na - prenatal: cs other	
V581	m2n	prenatal: no one	
V582	m3a	assistance: doctor/amo	
V583	m3b	assistance: clinical officer	
V584	m3c	assistance: assistant clinical officer	
V585	m3d	assistance: nurse/midwife	
V586	m3e	assistance: assistant nurse	
V587	m3f	assistance: mch aide	
V588	m3g	assistance: traditional birth attendant	
V589	m3h	assistance: community health worker	
V590	m3i	assistance: relative/neighbor	
V591	m3j	na - assistance: cs other person	
V592	m3k	assistance: other	
V593	m3l	na - assistance: cs other	
V594	m3m	na - assistance: cs other	
V595	m3n	assistance: no one	
V596	m4	duration of breastfeeding	
V597	m5	months of breastfeeding	
V598	m6	duration of amenorrhea	
V599	m7	months of amenorrhea	
V600	m8	duration of abstinence	
V601	m9	months of abstinence	
V602	m10	wanted pregnancy when became pregnant	
V603	m11	desired time would have waited	
V604	m13	timing of 1st antenatal check (months)	
V605	m13a	timing of 1st antenatal check (original)	
V606	m14	number of antenatal visits during pregnancy	
V607	m15	place of delivery	
V608	m17	delivery by caesarean section	
V609	m17a	na - timing on decision for caesarean section	
V610	m18	size of child at birth	
V611	m19	birth weight in kilograms (3 decimals)	
V612	m19a	weight at birth/recall	
V613	m27	na - flag for breastfeeding	
V614	m28	na - flag for amenorrhea	
V615	m29	na - flag for abstinence	
V616	m34	when child put to breast	
V617	m35	na - number of times breastfed during previous night	
V618	m36	na - number of times breastfed during previous day	
V619	m38	drank from bottle with nipple yesterday/last night	
V620	m39a	did eat any solid, semi-solid or soft foods yesterday	
V621	m39	number of times ate solid, semi-solid or soft food yesterday	
V622	m42a	na - during pregnancy: weighed	

ID	Name	Label	Question
V623	m42b	na - during pregnancy: height measured	
V624	m42c	during pregnancy: blood pressure taken	
V625	m42d	during pregnancy: urine sample taken	
V626	m42e	during pregnancy: blood sample taken	
V627	m42f	during pregnancy: listen to baby's heartbeat	
V628	m42g	during pregnancy: talk about foods to eat	
V629	m42h	during pregnancy: talk about breastfeeding	
V630	m42i	during pregnancy: ask about vaginal bleeding	
V631	m42j	na - during pregnancy: cs	
V632	m42k	na - during pregnancy: cs	
V633	m42l	na - during pregnancy: cs	
V634	m42m	na - during pregnancy: cs	
V635	m42n	na - during pregnancy: cs	
V636	m43	na - told about pregnancy complications	
V637	m44	na - told where to go for pregnancy complications	
V638	m45	during pregnancy, given or bought iron tablets/syrup	
V639	m46	days tablets or syrup taken	
V640	m47	na - during pregnancy, had difficulty with daylight vision	
V641	m48	na - during pregnancy, had difficulty with night blindness	
V642	m49a	during pregnancy took: sp/fansidar for malaria	
V643	m49b	na - during pregnancy took: chloroquine for malaria	
V644	m49c	na - during pregnancy took: cs drug for malaria	
V645	m49d	na - during pregnancy took: cs drug for malaria	
V646	m49e	na - during pregnancy took: cs drug for malaria	
V647	m49f	na - during pregnancy took: cs drug for malaria	
V648	m49g	na - during pregnancy took: cs drug for malaria	
V649	m49x	na - during pregnancy took: other drug for malaria	
V650	m49z	na - during pregnancy took: don't know	
V651	m49y	na - during pregnancy took: no drug for malaria	
V652	m54	na - received vitamin a dose in first 2 months after delivery	
V653	m55	given child anything other than breast milk	
V654	m57a	antenatal care: respondent's home	
V655	m57b	antenatal care: other home	
V656	m57c	antenatal care: tba premises	
V657	m57d	na - antenatal care: cs home	
V658	m57e	antenatal care: government hospital	
V659	m57f	antenatal care: public regional referral hospital	
V660	m57g	antenatal care: public regional hospital	
V661	m57h	antenatal care: public district hospital	
V662	m57i	antenatal care: public health centre	
V663	m57j	antenatal care: public dispensary	
V664	m57k	antenatal care: public clinic	
V665	m57l	antenatal care: public community health worker	
V666	m57m	antenatal care: private hospital	
V667	m57n	antenatal care: private other hospital	

ID	Name	Label	Question
V668	m57o	antenatal care: private health centre	
V669	m57p	antenatal care: private dispensary	
V670	m57q	antenatal care: private clinic	
V671	m57r	antenatal care: other private medical sector	
V672	m57na	antenatal care: religious/voluntary referral/specialised hospital	
V673	m57nb	antenatal care: religious/voluntary district hospital	
V674	m57nc	antenatal care: religious/voluntary other hospital	
V675	m57nd	antenatal care: religious/voluntary health centre	
V676	m57ne	antenatal care: religious/voluntary dispensary	
V677	m57s	antenatal care: religious/voluntary clinic	
V678	m57t	antenatal care: other religious/voluntary sector	
V679	m57u	na - antenatal care: cs other	
V680	m57v	na - antenatal care: cs other	
V681	m57x	antenatal care: other	
V682	m60	drugs for intestinal parasites during pregnancy	
V683	m61	time spent at place of delivery	
V684	m62	respondent's health checked after delivery before discharge	
V685	m63	how long after delivery respondent's health check before discharge took place	
V686	m64	who checked respondent's health before discharge	
V687	m66	respondent's health checked after discharge/delivery at home	
V688	m67	how long after delivery respondent's health check (after discharge/home delivery)	
V689	m68	who checked respondent's health after discharge/delivery at home	
V690	m69	where respondent's check after discharge/delivery at home took place	
V691	m70	child's health checked after discharge/delivery at home	
V692	m71	how long after delivery child's health check (after discharge/home delivery) too	
V693	m72	who checked child's health after discharge/home delivery	
V694	m73	where child's health check after discharge/home delivery took place	
V695	m74	child's health checked before discharge	
V696	m75	how long after delivery child's health check before discharge took place	
V697	m76	who checked child's health before discharge	
V698	m77	was child put on mother's chest and bare skin after birth	
V699	m77a	time after birth baby was put on bare skin	
V700	m78a	during first 2 days health provider: examine cord	
V701	m78b	during first 2 days health provider: measure temperature	
V702	m78c	during first 2 days health provider: signs baby needs medical attentions	
V703	m78d	during first 2 days health provider: counsel on breastfeeding	
V704	m78e	during first 2 days health provider: observe breastfeeding	
V705	m78f	during first 2 days health provider: measure blood pressure	
V706	m78g	during first 2 days health provider: discuss vaginal bleeding	
V707	m78h	during first 2 days health provider: discuss family planning	
V708	m78i	na - during first 2 days health provider: tell where to get help with breastfeed	
V709	m78j	na - during first 2 days health provider: ask if have problems with urination	
V710	m78k	na - during first 2 days health provider: ask if have pain	
V711	m78l	na - during first 2 days health provider: ask if feel sad or depressed	
V712	m78m	during first 2 days health provider: nutrition needs	

ID	Name	Label	Question
V713	m78o	during first 2 days health provider: child vaccinations	
V714	m78p	na - during first 2 days health provider: cs	
V715	m80	pregnancy outcome for this section	
V716	m81a	place obtained iron tablets/syrup: government hospital	
V717	m81b	place obtained iron tablets/syrup: public regional referral hospital	
V718	m81c	place obtained iron tablets/syrup: public regional hospital	
V719	m81d	place obtained iron tablets/syrup: public district hospital	
V720	m81e	place obtained iron tablets/syrup: public health centre	
V721	m81f	place obtained iron tablets/syrup: public dispensary	
V722	m81g	place obtained iron tablets/syrup: public clinic	
V723	m81h	place obtained iron tablets/syrup: other public sector	
V724	m81i	na - place obtained iron tablets/syrup: cs public sector	
V725	m81j	place obtained iron tablets/syrup: private hospital	
V726	m81k	place obtained iron tablets/syrup: pharmacy	
V727	m81l	na - place obtained iron tablets/syrup: private doctor	
V728	m81m	place obtained iron tablets/syrup: private other hospital	
V729	m81n	place obtained iron tablets/syrup: private health centre	
V730	m81o	place obtained iron tablets/syrup: private dispensary	
V731	m81p	place obtained iron tablets/syrup: private clinic	
V732	m81q	place obtained iron tablets/syrup: other private sector	
V733	m81r	na - place obtained iron tablets/syrup: cs private medical	
V734	m81na	place obtained iron tablets/syrup: religious/voluntary referral/specialised hosp	
V735	m81nb	place obtained iron tablets/syrup: religious/voluntary district hospital	
V736	m81nc	place obtained iron tablets/syrup: religious/voluntary other hospital	
V737	m81nd	place obtained iron tablets/syrup: religious/voluntary health centre	
V738	m81ne	place obtained iron tablets/syrup: religious/voluntary dispensary	
V739	m81s	place obtained iron tablets/syrup: religious/voluntary: clinic	
V740	m81t	place obtained iron tablets/syrup: other religious/voluntary sector	
V741	m81u	place obtained iron tablets/syrup: accredited drug dispensing outlet (addo)	
V742	m81v	place obtained iron tablets/syrup: ngo/mass distribution campaign	
V743	m81w	na - place obtained iron tablets/syrup: cs other sector	
V744	m81x	place obtained iron tablets/syrup: other	
V745	m82	na - during pregnancy received food/cash through assistance program	
V746	ml0	type of mosquito bed net(s) child slept under last night	
V747	ml1	number of times took fansidar during pregnancy	
V748	ml2	source of antimalarial during pregnancy	
V749	mnb1	na - time after birth child was bathed	
V750	mnb3	na - device used to cut the cord	
V751	mnb4	na - was the device new or had it been used before	
V752	mnb5	na - was the device boiled before used to cut the cord	
V753	mnb6	na - anything applied to the cord from the time it was cut until it fell off	
V754	mnb7a	na - what was applied to the cord: chlorhexidine	
V755	mnb7b	na - what was applied to the cord: other antiseptic (alcohol, spirit, gentian vi	
V756	mnb7c	na - what was applied to the cord: mustard oil	
V757	mnb7d	na - what was applied to the cord: ash	

ID	Name	Label	Question
V758	mnb7e	na - what was applied to the cord: animal dung	
V759	mnb7f	na - what was applied to the cord: cs	
V760	mnb7g	na - what was applied to the cord: cs	
V761	mnb7h	na - what was applied to the cord: cs	
V762	mnb7i	na - what was applied to the cord: cs	
V763	mnb7j	na - what was applied to the cord: cs	
V764	mnb7x	na - what was applied to the cord: other	
V765	mnb7z	na - what was applied to the cord: don't know	
V766	mnb10	na - was chlorhexidine applied to the cord at any time	
V767	mnb11	na - time after cord was cut chlorhexidine was first applied	
V768	mnb12	na - days chlorhexidine was applied to the cord	
V769	mh3a	na - during antenatal care discussed: where to deliver baby	
V770	mh3b	na - during antenatal care discussed: if wanted a relative, friend, neighbor dur	
V771	mh3c	na - during antenatal care discussed: transportation to delivery place	
V772	mh3d	na - during antenatal care discussed: source of funds for delivery	
V773	mh3e	na - during antenatal care discussed: asking someone as blood donor if necessary	
V774	mh3f	na - during antenatal care discussed: find healthcare provider to deliver child	
V775	mh3g	na - during antenatal care discussed: cs	
V776	mh3h	na - during antenatal care discussed: cs	
V777	mh3i	na - during antenatal care discussed: cs	
V778	mh5	na - healthcare provider measure blood pressure before delivery	
V779	mh6	na - while in labor wanted to have someone by your side	
V780	mh7	na - while in labor the person you wanted by your side was with you	
V781	mh8	na - while in labor how much time the person you wanted by your side was allowed	
V782	mh9	na - reason the person you wanted by your side was not with you during labor	
V783	mh10	na - during delivery wanted to have someone by your side	
V784	mh11	na - during delivery the person you wanted by your side was with you	
V785	mh12	na - during delivery how much time the person you wanted by your side was allowe	
V786	mh13	na - reason the person you wanted by your side was not with you during delivery	
V787	mh14	na - was an instrument used to help pull out the baby	
V788	mh15	na - while in labor or delivery did feel ignored/neglected by facility staff	
V789	mh16	na - while in labor or delivery did have privacy	
V790	mh17a	at delivery place did healthcare providers: treated you with respect	
V791	mh17b	at delivery place did healthcare providers: explained examinations/procedures	
V792	mh17c	at delivery place did healthcare providers: took best care of you	
V793	mh17d	na - at delivery place did healthcare providers: cs	
V794	mh17e	na - at delivery place did healthcare providers: cs	
V795	mh18a	during stay at health facility: shared bed with other patient	
V796	mh18b	during stay at health facility: rest/sleep on floor without mattress	
V797	mh18c	na - during stay at health facility: cs	
V798	mh18d	na - during stay at health facility: cs	
V799	mh19	during stay at health facility were denied medical services for lack of money	
V800	mh20	were delayed or prevented to leave facility because of lack of payment	
V801	mh21a	during stay staff at health facility: slap you	
V802	mh21b	during stay staff at health facility: hit or punch you	

ID	Name	Label	Question
V803	mh21c	during stay staff at health facility: physically threaten you	
V804	mh21d	during stay staff at health facility: physically mistreat or harm you	
V805	mh21e	na - during stay staff at health facility: cs	
V806	mh21f	na - during stay staff at health facility: cs	
V807	mh22a	during stay staff at health facility: shout at you	
V808	mh22b	during stay staff at health facility: say or do something to humiliate you	
V809	mh22c	during stay staff at health facility: verbally threaten	
V810	mh22d	during stay staff at health facility: verbally mistreat you in any other way	
V811	mh22e	na - during stay staff at health facility: cs	
V812	mh22f	na - during stay staff at health facility: cs	
V813	mh23	did health facility have toilet/latrine for patients	
V814	mh24	at any time wanted to use toilet/latrine but was not working	
V815	mh25	na - where did baby stay in first two days after birth	
V816	v400	line number of child used for questions on liquids and foods	
V817	v409	gave child plain water	
V818	v409a	na - gave child sugar water	
V819	v410	gave child fruit juice/fruit flavored drinks	
V820	v410a	gave child tea or coffee/herbal drinks	
V821	v410as	tea or coffee/herbal drink was sweetened	
V822	v411	gave child tinned, powdered or fresh milk	
V823	v411s	tinned, powdered or fresh milk was sweetened	
V824	v411a	gave child baby formula	
V825	v412	na - gave child fresh milk	
V826	v412a	na - gave child fortified baby food (cerelac, etc)	
V827	v412b	na - gave child other porridge/gruel	
V828	v412c	na - gave child soup/clear broth	
V829	v413	gave child other liquid	
V830	v413s	other liquid was sweetened	
V831	v413a	gave child yogurt as a drink	
V832	v413as	yogurt as a drink was sweetened	
V833	v413b	gave child soy milk	
V834	v413bs	soy milk was sweetened	
V835	v413c	gave child chocolate flavored drinks	
V836	v413d	gave child sodas/malt/sports/energy drinks	
V837	v413e	na - gave child cs liquid	
V838	v413f	na - gave child cs liquid	
V839	v413g	na - gave child cs liquid	
V840	v413h	na - gave child cs liquid	
V841	v413i	na - gave child cs liquid	
V842	v414a	gave child any other vegetables	
V843	v414b	gave child sausages, hot dogs, frankfurters, ham, bacon, salami, canned food	
V844	v414c	na - gave child nuts, seeds	
V845	v414d	gave child any insects	
V846	v414e	gave child bread, noodles, other made from grains	
V847	v414f	gave child plantains, potatoes, cassava, or other tubers	

ID	Name	Label	Question
V848	v414g	gave child eggs	
V849	v414h	gave child any other meat (beef, pork, lamb, chicken, etc)	
V850	v414i	gave child pumpkin, carrots, squash (yellow or orange inside)	
V851	v414j	gave child any dark green leafy vegetables	
V852	v414k	gave child mangoes, papayas, other vitamin a fruits	
V853	v414l	gave child any other fruits	
V854	v414m	gave child liver, heart, other organs	
V855	v414n	gave child fish or shellfish	
V856	v414o	gave child food made from beans, peas, lentils	
V857	v414p	gave child hard/soft cheese	
V858	v414q	na - gave child oil, fats, butter, products made of them	
V859	v414r	gave child chocolates, sweets, candies, pastries, etc	
V860	v414s	gave child other solid-semisolid food	
V861	v414t	gave child chips, crisps, french fries, fried dough, instant noodles	
V862	v414u	gave child red palm oil	
V863	v414v	gave child yogurt	
V864	v414w	na - gave child [common sentinel sweet food]	
V865	v414wa	gave child kale, chard, chinese cabbage	
V866	v414wb	na - gave child cs foods	
V867	v414wc	na - gave child cs foods	
V868	v414wd	na - gave child cs foods	
V869	v414we	na - gave child cs foods	
V870	v465	disposal of youngest child's stools when not using toilet	
V871	v469e	times gave child powdered/tinned/fresh milk	
V872	v469f	times gave child infant formula	
V873	v469x	times gave child yogurt	
V874	v486	last 6 months, health care provider advised what to feed to child	
V875	hidx	index to birth history	
V876	h1	has health card	
V877	h1a	has health card and or other vaccination document	
V878	h2	received bcg	
V879	h2d	bcg day	
V880	h2m	bcg month	
V881	h2y	bcg year	
V882	h3	received dpt 1	
V883	h3d	dpt 1 day	
V884	h3m	dpt 1 month	
V885	h3y	dpt 1 year	
V886	h4	received polio 1	
V887	h4d	polio 1 day	
V888	h4m	polio 1 month	
V889	h4y	polio 1 year	
V890	h5	received dpt 2	
V891	h5d	dpt 2 day	
V892	h5m	dpt 2 month	

ID	Name	Label	Question
V893	h5y	dpt 2 year	
V894	h6	received polio 2	
V895	h6d	polio 2 day	
V896	h6m	polio 2 month	
V897	h6y	polio 2 year	
V898	h7	received dpt 3	
V899	h7d	dpt 3 day	
V900	h7m	dpt 3 month	
V901	h7y	dpt 3 year	
V902	h8	received polio 3	
V903	h8d	polio 3 day	
V904	h8m	polio 3 month	
V905	h8y	polio 3 year	
V906	h9	received measles 1	
V907	h9d	measles 1 day	
V908	h9m	measles 1 month	
V909	h9y	measles 1 year	
V910	h9a	received measles 2	
V911	h9ad	measles 2 day	
V912	h9am	measles 2 month	
V913	h9ay	measles 2 year	
V914	h0	received polio 0	
V915	h0d	polio 0 day	
V916	h0m	polio 0 month	
V917	h0y	polio 0 year	
V918	h10	ever had vaccination	
V919	h25d	day of birth from vaccination card	
V920	h25m	month of birth from vaccination card	
V921	h25y	year of birth from vaccination card	
V922	h26	photograph of vaccination card available	
V923	h33	received vitamin a1 (most recent)	
V924	h33d	vitamin a1 day	
V925	h33m	vitamin a1 month	
V926	h33y	vitamin a1 year	
V927	h40	na - received vitamin a2 (2nd most recent)	
V928	h40d	na - vitamin a2 day	
V929	h40m	na - vitamin a2 month	
V930	h40y	na - vitamin a2 year	
V931	h50	na - received hepatitis b at birth	
V932	h50d	na - hepatitis b at birth day	
V933	h50m	na - hepatitis b at birth month	
V934	h50y	na - hepatitis b at birth year	
V935	h51	received pentavalent 1	
V936	h51d	pentavalent 1 day	
V937	h51m	pentavalent 1 month	

ID	Name	Label	Question
V938	h51y	pentavalent 1 year	
V939	h52	received pentavalent 2	
V940	h52d	pentavalent 2 day	
V941	h52m	pentavalent 2 month	
V942	h52y	pentavalent 2 year	
V943	h53	received pentavalent 3	
V944	h53d	pentavalent 3 day	
V945	h53m	pentavalent 3 month	
V946	h53y	pentavalent 3 year	
V947	h54	received pneumococcal 1	
V948	h54d	pneumococcal 1 day	
V949	h54m	pneumococcal 1 month	
V950	h54y	pneumococcal 1 year	
V951	h55	received pneumococcal 2	
V952	h55d	pneumococcal 2 day	
V953	h55m	pneumococcal 2 month	
V954	h55y	pneumococcal 2 year	
V955	h56	received pneumococcal 3	
V956	h56d	pneumococcal 3 day	
V957	h56m	pneumococcal 3 month	
V958	h56y	pneumococcal 3 year	
V959	h57	received rotavirus 1	
V960	h57d	rotavirus 1 day	
V961	h57m	rotavirus 1 month	
V962	h57y	rotavirus 1 year	
V963	h58	received rotavirus 2	
V964	h58d	rotavirus 2 day	
V965	h58m	rotavirus 2 month	
V966	h58y	rotavirus 2 year	
V967	h59	na - received rotavirus 3	
V968	h59d	na - rotavirus 3 day	
V969	h59m	na - rotavirus 3 month	
V970	h59y	na - rotavirus 3 year	
V971	h60	received inactivated polio (ipv)	
V972	h60d	inactivated polio (ipv) day	
V973	h60m	inactivated polio (ipv) month	
V974	h60y	inactivated polio (ipv) year	
V975	h61	received hepatitis b 1	
V976	h61d	hepatitis b 1 day	
V977	h61m	hepatitis b 1 month	
V978	h61y	hepatitis b 1 year	
V979	h62	received hepatitis b 2	
V980	h62d	hepatitis b 2 day	
V981	h62m	hepatitis b 2 month	
V982	h62y	hepatitis b 2 year	

ID	Name	Label	Question
V983	h63	received hepatitis b 3	
V984	h63d	hepatitis b 3 day	
V985	h63m	hepatitis b 3 month	
V986	h63y	hepatitis b 3 year	
V987	h64	received hib 1	
V988	h64d	hib 1 day	
V989	h64m	hib 1 month	
V990	h64y	hib 1 year	
V991	h65	received hib 2	
V992	h65d	hib 2 day	
V993	h65m	hib 2 month	
V994	h65y	hib 2 year	
V995	h66	received hib 3	
V996	h66d	hib 3 day	
V997	h66m	hib 3 month	
V998	h66y	hib 3 year	
V999	h67	na - received pentavalent 4	
V1000	h67d	na - pentavalent 4 day	
V1001	h67m	na - pentavalent 4 month	
V1002	h67y	na - pentavalent 4 year	
V1003	h68	na - hepatitis b at birth received within 24 of birth	
V1004	h69	place where most vaccinations were received	
V1005	hidxa	index to birth history	
V1006	h11	had diarrhea recently	
V1007	h11b	na - blood in the stools	
V1008	h12a	diarrhea: government hospital	
V1009	h12b	diarrhea: public regional referral hospital	
V1010	h12c	diarrhea: public regional hospital	
V1011	h12d	diarrhea: public district hospital	
V1012	h12e	diarrhea: public health centre	
V1013	h12f	diarrhea: public dispensary	
V1014	h12g	diarrhea: public clinic	
V1015	h12h	diarrhea: other public sector	
V1016	h12i	na - diarrhea: cs public sector	
V1017	h12j	diarrhea: private hospital/clinic	
V1018	h12k	diarrhea: private pharmacy	
V1019	h12l	na - diarrhea: private doctor	
V1020	h12m	diarrhea: private other hospital	
V1021	h12n	diarrhea: private health centre	
V1022	h12o	diarrhea: private dispensary	
V1023	h12p	diarrhea: private clinic	
V1024	h12q	diarrhea: other private medical sector	
V1025	h12r	na - diarrhea: cs private medical	
V1026	h12na	diarrhea: religious/voluntary hospital	
V1027	h12nb	diarrhea: religious/voluntary district hospital	

ID	Name	Label	Question
V1028	h12nc	diarrhea: religious/voluntary other hospital	
V1029	h12nd	diarrhea: religious/voluntary health centre	
V1030	h12ne	diarrhea: religious/voluntary dispensary	
V1031	h12s	diarrhea: religious/voluntary clinic	
V1032	h12t	diarrhea: other religious/voluntary sector	
V1033	h12u	diarrhea: accredited drug dispensing outlet (addo)	
V1034	h12v	diarrhea: ngo/vct center	
V1035	h12w	diarrhea: shop/kiosk/market/traditional practitioner	
V1036	h12x	diarrhea: other	
V1037	h12y	diarrhea: no treatment	
V1038	h12z	diarrhea: medical treatment	
V1039	h13	given oral rehydration	
V1040	h13b	na - given pre-packaged ors liquid	
V1041	h14	given recommended home solution	
V1042	h15	given antibiotic pills or syrups	
V1043	h15a	given antimotility	
V1044	h15b	given antibiotic injection	
V1045	h15c	given intravenous (iv)	
V1046	h15d	given home remedy, herbal medicine	
V1047	h15e	na - given zinc	
V1048	h15f	given other (not antibiotic, antimotility, zinc)	
V1049	h15g	given unknown pill or syrup	
V1050	h15h	given non-antibiotic injection	
V1051	h15i	given unknown injection	
V1052	h15j	na - given cs	
V1053	h15k	na - given cs	
V1054	h15l	na - given cs	
V1055	h15m	na - given cs	
V1056	h20	given other treatment	
V1057	h21a	given no treatment	
V1058	h21	received any treatment	
V1059	h22	had fever in last two weeks	
V1060	h31	had cough in last two weeks	
V1061	h31b	short, rapid breaths	
V1062	h31c	problem in the chest or blocked or running nose	
V1063	h31d	na - had fever/cough in last 2 weeks: amount offered to drink	
V1064	h31e	na - had fever/cough in last 2 weeks: amount offered to eat	
V1065	h32a	fever/cough: public national/zonal/specialised hospital	
V1066	h32b	fever/cough: public regional referral hospital	
V1067	h32c	fever/cough: public regional hospital	
V1068	h32d	fever/cough: public district hospital	
V1069	h32e	fever/cough: public health centre	
V1070	h32f	fever/cough: public dispensary	
V1071	h32g	fever/cough: public clinic	
V1072	h32h	fever/cough: other public sector	

ID	Name	Label	Question
V1073	h32i	na - fever/cough: cs public sector	
V1074	h32j	fever/cough: specialised hospital	
V1075	h32k	fever/cough: pharmacy	
V1076	h32l	na - fever/cough: private doctor	
V1077	h32m	fever/cough: private other hospital	
V1078	h32n	fever/cough: private health centre	
V1079	h32o	fever/cough: private dispensary	
V1080	h32p	fever/cough: private clinic	
V1081	h32q	fever/cough: other private medical sector	
V1082	h32r	na - fever/cough: cs private medical	
V1083	h32na	fever/cough: religious/voluntary hospital	
V1084	h32nb	fever/cough: religious/voluntary district hospital	
V1085	h32nc	fever/cough: religious/voluntary other hospital	
V1086	h32nd	fever/cough: religious/voluntary health centre	
V1087	h32ne	fever/cough: religious/voluntary dispensary	
V1088	h32s	fever/cough: religious/voluntary clinic	
V1089	h32t	fever/cough: other religious/voluntary sector	
V1090	h32u	fever/cough: accredited drug dispensing outlet (addo)	
V1091	h32v	fever/cough: ngo/vct center	
V1092	h32w	fever/cough: shop, kiosk, market, traditional practitioner	
V1093	h32x	fever/cough: other	
V1094	h32y	fever/cough: no treatment	
V1095	h32z	fever/cough: medical treatment	
V1096	h34	vitamin a in last 6 months	
V1097	h37a	sp/fansidar taken for fever	
V1098	h37b	chloroquine taken for fever	
V1099	h37c	amodiaquine taken for fever	
V1100	h37d	quinine taken for fever	
V1101	h37da	quinine injection/iv taken for fever	
V1102	h37e	combination with artemisinin taken for fever	
V1103	h37aa	artesunate rectal taken for fever	
V1104	h37ab	artesunate injection/iv taken for fever	
V1105	h37f	na - cs antimalarial taken for fever	
V1106	h37g	na - cs antimalarial taken for fever	
V1107	h37h	other antimalarial taken for fever	
V1108	h37i	antibiotic pill/syrup taken for fever	
V1109	h37j	antibiotic injection taken for fever	
V1110	h37k	aspirin taken for fever	
V1111	h37l	acetaminophen/paracetamol/panadol taken for fever	
V1112	h37m	ibuprofen taken for fever	
V1113	h37n	amoxicillin taken for fever	
V1114	h37o	cotrimoxazole taken for fever/cough	
V1115	h37p	na - cs other for fever/cough	
V1116	h37q	na - cs other for fever/cough	
V1117	h37r	na - cs other for fever/cough	

ID	Name	Label	Question
V1118	h37x	other taken for fever	
V1119	h37y	nothing taken and didn't seek treatment for fever/cough	
V1120	h37z	don't know if or what was taken for fever	
V1121	h38	diarrhea in last 2 weeks: amount offered to drink	
V1122	h39	diarrhea in last 2 weeks: amount offered to eat	
V1123	h42	na - last 12 months given iron pills, sprinkles or syrup	
V1124	h43	drugs for intestinal parasites in last 6 months	
V1125	h44a	place first sought treatment for diarrhea	
V1126	h46a	place first sought treatment for fever	
V1127	h46b	number of days after fever began sought advice or treatment	
V1128	h47	blood taken from child's finger/heel for testing	
V1129	h70a	past 3 months health care provider measured child's weight	
V1130	h70b	past 3 months health care provider measured child's length/height	
V1131	h70c	na - past 3 months health care provider measured child's upper arm	
V1132	h71	was respondent told that child had malaria	
V1133	h80a	last 12 months given: multiple micronutrient powder	
V1134	h80b	na - last 12 months given: local name ready to use therapeutic food	
V1135	h80c	na - last 12 months given: local name for ready to use supplemental food	
V1136	h80d	na - last 12 months given: cs	
V1137	h80e	na - last 12 months given: cs	
V1138	h80f	na - last 12 months given: cs	
V1139	h80g	na - last 12 months given: cs	
V1140	ml20a	timing of start of combination with artemisinin	
V1141	hwidx	index to birth history	
V1142	hw1	child's age in months	
V1143	hw2	child's weight in kilograms (1 decimal)	
V1144	hw3	child's height in centimeters (1 decimal)	
V1145	hw13	result of measurement - height/weight	
V1146	hw15	height: lying or standing	
V1147	hw16	day of birth of child	
V1148	hw17	date measured (day)	
V1149	hw18	date measured (month)	
V1150	hw19	date measured (year)	
V1151	hw51	line number of parent/caretaker	
V1152	hw52	read consent statement - hemoglobin	
V1153	hw53	hemoglobin level (g/dl - 1 decimal)	
V1154	hw55	result of measurement - hemoglobin	
V1155	hw56	hemoglobin level adjusted for altitude (g/dl - 1 decimal)	
V1156	hw57	anemia level	
V1157	hw58	na - agrees to referral - anemia	
V1158	hw70	height/age standard deviation (new who)	
V1159	hw71	weight/age standard deviation (new who)	
V1160	hw72	weight/height standard deviation (new who)	
V1161	hw73	bmi standard deviation (new who)	
V1162	idxecd	index to birth history	

ID	Name	Label	Question
V1163	idxecdp	index to pregnancy history	
V1164	ecd21	can walk on an even surface	
V1165	ecd22	can jump with both feet leaving the ground	
V1166	ecd23	can dress: put on pants and a shirt, without help	
V1167	ecd24	can fasten and unfasten buttons without help	
V1168	ecd25	can say 10 or more words, like mama or ball	
V1169	ecd26	can speak using sentences of 3 or more words that go together	
V1170	ecd27	can speak using sentences of 5 or more words that go together	
V1171	ecd28	can correctly use any of the words: 'i', 'you', 'she', or 'he'	
V1172	ecd29	can consistently name an object well known, if shown	
V1173	ecd30	can recognize at least 5 letters of the alphabet	
V1174	ecd31	can child write (his/her) name	
V1175	ecd32	can recognize all numbers from 1 to 5	
V1176	ecd33	if asked to give you 3 objects, does child give the correct amount	
V1177	ecd34	can child count 10 objects without mistakes	
V1178	ecd35	can color or play with building blocks without asking for help or giving up	
V1179	ecd36	does child ask about familiar people other than parents when not there	
V1180	ecd37	does child offer to help someone who seems to need help	
V1181	ecd38	does child get along well with other children	
V1182	ecd39	how often does child seem to be very sad or depressed	
V1183	ecd40	compared with other children, how much does child kick, bite, or hit other child	
V1184	gidx	daughter's index to birth history	
V1185	g121	is daughter circumcised	
V1186	g122	daughter's age at circumcision	
V1187	g123	was daughter genital area sewn closed	
V1188	g124	who performed daughter's circumcision	
V1189	szone	zone	
V1190	sreg2	mainland/zanzibar	
V1191	s101h	time for first measurement (hour)	
V1192	s101m	time for first measurement (minutes)	
V1193	s101a	blood pressure consent	
V1194	s101ba	in the past 30 minutes has the respondent: eaten	
V1195	s101bb	in the past 30 minutes has the respondent: coffee/tea	
V1196	s101bc	in the past 30 minutes has the respondent: smoked tobacco	
V1197	s101bd	in the past 30 minutes has the respondent: exercised	
V1198	s101c	arm circumference	
V1199	s101d	blood pressure monitor model	
V1200	s101es	first blood pressure: systolic	
V1201	s101ed	first blood pressure: diastolic	
V1202	s106	highest educational level attained	
V1203	s109	educational attainment	
V1204	s115a	successfully completed grade	
V1205	s125a	back account shared with someone else	
V1206	s125b	who the bank account is shared with	
V1207	s636en	times gave child yogurt drinks	

ID	Name	Label	Question
V1208	s656h	time for second measurement (hour)	
V1209	s656m	time for second measurement (minutes)	
V1210	s657	second bp reading consent	
V1211	s658s	second blood pressure: systolic	
V1212	s658d	second blood pressure: diastolic	
V1213	s701	husband's highest educational level attained	
V1214	s705	has a marriage certificate for last marriage	
V1215	s722a	willingly wanted to have first sex	
V1216	s1103a	heard about breast cancer	
V1217	s1115a	health insurance type: nhif	
V1218	s1115b	health insurance type: nssf (shib-social health insurance benefit)	
V1219	s1115c	health insurance type: aar	
V1220	s1115d	health insurance type: strategy	
V1221	s1115e	health insurance type: jubilee	
V1222	s1115f	health insurance type: chf improved	
V1223	s1115g	health insurance type: tika (tiba kwa kadi)	
V1224	s1115h	health insurance type: other employed based	
V1225	s1115i	health insurance type: other community based	
V1226	s1115j	health insurance type: privately purchased (eg. phoenix)	
V1227	s1115k	health insurance type: other	
V1228	s1115z	health insurance type: don't know	
V1229	s1116	heard about tb through radio, tv, friends, relatives, magazines, posters	
V1230	s1117	knows tb spread from one person to another through air	
V1231	s1118a	five main signs of tb: coughing	
V1232	s1118b	five main signs of tb: coughing blood spot	
V1233	s1118c	five main signs of tb: reduce weight	
V1234	s1118d	five main signs of tb: fever	
V1235	s1118e	five main signs of tb: sweating at night	
V1236	s1118x	five main signs of tb: other	
V1237	s1118z	five main signs of tb: don't know	
V1238	s1119	knows tb can be treated	
V1239	s1120	would disclose family member's tb status to help	
V1240	s1121a	illnesses that facilitate getting tb: hiv/aids	
V1241	s1121b	illnesses that facilitate getting tb: cancer	
V1242	s1121c	illnesses that facilitate getting tb: diabetes	
V1243	s1121d	illnesses that facilitate getting tb: malnutrition	
V1244	s1121x	illnesses that facilitate getting tb: other	
V1245	s1121z	illnesses that facilitate getting tb: don't know	
V1246	s1122	where to go to first seek treatment	
V1247	s1123	heard on tv/radio about meds that don't cure tb	
V1248	s1124	ever had blood pressure measured	
V1249	s1125	ever told that they have high blood pressure	
V1250	s1126	in last 12 months told they have high blood pressure	
V1251	s1127	ever prescribed medication to control blood pressure	
V1252	s1128	currently taking medication to control blood pressure	

ID	Name	Label	Question
V1253	s1130h	time for third measurement (hour)	
V1254	s1130m	time for third measurement (minutes)	
V1255	s1131	third bp reading consent	
V1256	s1132s	third blood pressure: systolic	
V1257	s1132d	third blood pressure: diastolic	
V1258	s1210s	final bp systolic	
V1259	s1210d	final bp diastolic	
V1260	s1211	blood pressure range	
V1261	s1213	respondent received bp reporting form	
V1262	s1300	most serious health problem in respondent's community	
V1263	s1301b	heard malaria message	
V1264	s1304a	can obtain acts at nearest health facility or pharmacy	
V1265	s1304b	visited by healthcare worker who talked about malaria	
V1266	s1312a	agree/disagree: can easily protect self and children from malaria	
V1267	s1312b	agree/disagree: important to sleep under a net every night	
V1268	s1312c	agree/disagree: pregnant women are at risk for malaria	
V1269	s1312d	agree/disagree: can easily get treatment for child with malaria	
V1270	s1312e	agree/disagree: to ensure malaria, need to test	
V1271	s1312f	agree/disagree: important to take entire course of malaria treatment	
V1272	mnv420	measurer's code	
V1273	mnv421	assistant measurer's code	
V1274	mnv437	respondent's weight in kilograms (1 decimal)	
V1275	mnv438	respondent's height in centimeters (1 decimal)	
V1276	mnv445	body mass index	
V1277	mnv447	result of measurement - height/weight	
V1278	mnv446a	height/age standard deviation (new who) (women age 15-19)	
V1279	mnv446d	bmi/age standard deviation (new who) (women age 15-19)	
V1280	mnv447a	women's age in years (from household questionnaire)	
V1281	mnv452a	under age 18 (from household questionnaire)	
V1282	mnv452b	line number of parent/caretaker	
V1283	mnv452c	read consent statement - hemoglobin	
V1284	mnv453	hemoglobin level (g/dl - 1 decimal)	
V1285	mnv454	currently pregnant (from household questionnaire)	
V1286	mnv455	result of measurement - hemoglobin	
V1287	mnv456	hemoglobin level adjusted for altitude and smoking (g/dl - 1 decimal)	
V1288	mnv457	anemia level	
V1289	idx94	index to birth history	
V1290	idx94p	index to pregnancy history	
V1291	s417aa	husband did the following: stop encouraging anc	
V1292	s417ab	husband did the following: encourage anc	
V1293	s417ac	husband did the following: no interest in her receiving anc	
V1294	s417ad	husband did the following: accompanying to anc	
V1295	s434a	companion at delivery	
V1296	s436a	given birth notification form	
V1297	s436b	given birth notification in other place	

ID	Name	Label	Question
V1298	s440	time after birth baby put on bare skin	
V1299	idx95	index to birth history	
V1300	s516	received bcg within 24 of birth	
V1301	idx96	index to birth history	
V1302	s631aa	where sought treatment/advice for fever/cough: public national/zonal/specialised	
V1303	s631ab	where sought treatment/advice for fever/cough: public regional referral hospital	
V1304	s631ac	where sought treatment/advice for fever/cough: public regional hospital	
V1305	s631ad	where sought treatment/advice for fever/cough: public district hospital	
V1306	s631ae	where sought treatment/advice for fever/cough: public health centre	
V1307	s631af	where sought treatment/advice for fever/cough: public dispensary	
V1308	s631ag	where sought treatment/advice for fever/cough: public clinic	
V1309	s631ah	where sought treatment/advice for fever/cough: other public sector	
V1310	s631ai	where sought treatment/advice for fever/cough: religious/voluntary: referral/spe	
V1311	s631aj	where sought treatment/advice for fever/cough: religious/voluntary: district hos	
V1312	s631ak	where sought treatment/advice for fever/cough: religious/voluntary: other hospit	
V1313	s631al	where sought treatment/advice for fever/cough: religious/voluntary: health centr	
V1314	s631am	where sought treatment/advice for fever/cough: religious/voluntary: dispensary	
V1315	s631an	where sought treatment/advice for fever/cough: religious/voluntary: clinic	
V1316	s631ao	where sought treatment/advice for fever/cough: other religious/voluntary sector	
V1317	s631ap	where sought treatment/advice for fever/cough: private: specialised hospital	
V1318	s631aq	where sought treatment/advice for fever/cough: private: other hospital	
V1319	s631ar	where sought treatment/advice for fever/cough: private: health centre	
V1320	s631as	where sought treatment/advice for fever/cough: private: dispensary	
V1321	s631at	where sought treatment/advice for fever/cough: private: clinic	
V1322	s631au	where sought treatment/advice for fever/cough: other private medical sector	
V1323	s631av	where sought treatment/advice for fever/cough: other: pharmacy	
V1324	s631aw	where sought treatment/advice for fever/cough: other: accredited drug dispensing	
V1325	s631ax	where sought treatment/advice for fever/cough: other: ngo/vct center	
V1326	s631ay	where sought treatment/advice for fever/cough: other: shop/kiosk/market/traditio	
V1327	s631az	where sought treatment/advice for fever/cough: other	
V1328	s633b	how long after short breath started amoxicillin	
V1329	s633c	who makes decisions about child's healthcare	
V1330	mnhwidx	index to birth history	
V1331	mnhw1	child's age in months	
V1332	mnhw2	child's weight in kilograms (1 decimal)	
V1333	mnhw3	child's height in centimeters (1 decimal)	
V1334	mnhw13	result of measurement - height/weight	
V1335	mnhw15	height: lying or standing	
V1336	mnhw16	day of birth of child	
V1337	mnhw17	date measured (day)	
V1338	mnhw18	date measured (month)	
V1339	mnhw19	date measured (year)	
V1340	mnhw51	line number of parent/caretaker	
V1341	mnhw52	read consent statement - hemoglobin	
V1342	mnhw53	hemoglobin level (g/dl - 1 decimal)	

ID	Name	Label	Question
V1343	mnhw55	result of measurement - hemoglobin	
V1344	mnhw56	hemoglobin level adjusted for altitude (g/dl - 1 decimal)	
V1345	mnhw57	anemia level	
V1346	mnhw58	na - agrees to referral - anemia	
V1347	mnhw70	height/age standard deviation (new who)	
V1348	mnhw71	weight/age standard deviation (new who)	
V1349	mnhw72	weight/height standard deviation (new who)	
V1350	mnhw73	bmi standard deviation (new who)	

Total: 1350