

# Tanzania - Malaria Indicator Survey 2017

**National Bureau of Statistics (NBS), Office of the Chief Government Statistician  
(OCGS)**

Report generated on: July 10, 2019

Visit our data catalog at: <https://microdata.worldbank.org/index.php>

# Overview

## Identification

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### ID NUMBER

TZA\_2017\_MIS\_v01\_M

## Version

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### NOTES

The data dictionary was generated from hierarchical data that was downloaded from the DHS website (<http://dhsprogram.com>).

## Overview

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### ABSTRACT

The 2017 Tanzania Malaria Indicator Survey (2017 TMIS) was the second stand-alone malaria indicator survey conducted in the country, following the one implemented in 2011-2012 (2011-12 THMIS). The survey involved a nationally representative sample of 9,724 households from 442 sample clusters.

The primary objective of the 2017 TMIS is to provide up-to-date estimates of basic demographic and health indicators related to malaria. Specifically, the survey collected information on vector control interventions such as mosquito nets, intermittent preventive treatment of malaria in pregnant women, and care seeking and treatment of fever in children. Young children were also tested for anaemia and for malaria infection.

Overall, the key aims of the 2017 TMIS are to:

- Measure the level of ownership and use of mosquito nets
- Assess coverage of intermittent preventive treatment for pregnant women
- Identify health care seeking behaviours and treatment practices, including the use of specific antimalarial medications to treat malaria among children under age 5
- Identify diagnostic trends prior to administration of antimalarial medications for treatment of fever and other malaria-like symptoms
- Measure the prevalence of malaria and anaemia among children age 6-59 months
- Assess malaria knowledge, attitudes, and practices among women age 15-49
- Assess housing conditions
- Assess the cost of malaria-related services

The information collected through the 2017 TMIS is intended to assist policymakers and program managers in evaluating and designing programs and strategies for improving the health of the country's population.

### KIND OF DATA

Sample survey data [ssd]

### UNITS OF ANALYSIS

- Household

- Woman age 15 to 49

- Child age 0 to 5

## Scope

### NOTES

The survey covered the following topics:

#### HOUSEHOLD

- Identification
- Background information on each person listed, such as relationship to head of the household, age, and sex.
- Characteristics of the household's dwelling unit, such as the source of water, type of toilet facilities, type of fuel used for cooking, number of rooms, materials used for the floor, roof and walls of the house, possessions of livestock (including land) and durable goods
- Mosquito nets

#### WOMAN

- Identification
- Background characteristics (age, education, and literacy)
- Reproductive history during the last 6 years
- Prenatal care and preventive malaria treatment for the most recent birth
- Prevalence and treatment of fever among children under age 5
- Cost of malaria-related services
- Knowledge about malaria (symptoms, causes, how to prevent malaria, and types of antimalarial medications)
- Sources of media messages about malaria

#### BIOMARKER

- Hemoglobin measurement and malaria testing for children age 0-5

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Bureau of Statistics (NBS)	Government of the United Republic of Tanzania
Office of the Chief Government Statistician (OCGS)	Zanzibar

## OTHER PRODUCER(S)

Name	Affiliation	Role
ICF	The DHS Program	Provided technical assistance through The DHS Program
Ministry of Health, Community Development, Gender, Elderly and Children	Tanzania Mainland	Collaborated in the implementation of the survey
Ministry of Health	Zanzibar	Collaborated in the implementation of the survey

## FUNDING

Name	Abbreviation	Role
Government of Tanzania	GovTZA	Financial support
United States Agency for International Development	USAID	Financial support
Global Fund	GF	Financial support
United States President's Malaria Initiative	PMI	Financial support

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	The World Bank	Metadata preparation

## DATE OF METADATA PRODUCTION

2018-10-25

## DDI DOCUMENT VERSION

Version 01 (October 2018). Metadata is excerpted from "Tanzania Malaria Indicator Survey 2017" Report.

## DDI DOCUMENT ID

DDI\_TZA\_2017\_MIS\_v01\_M

# Sampling

## Sampling Procedure

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The sampling frame used for the 2017 TMIS was the 2012 Tanzania Population and Housing Census (PHC). The sampling frame was a complete list of enumeration areas (EAs) covering the whole country provided by the National Bureau of Statistics (NBS) of Tanzania, the implementing agency for the 2017 TMIS. This frame was created for the 2012 PHC, and the EAs served as counting units for the census. In rural areas, an EA is a natural village, a segment of a large village, or a group of small villages; in urban areas, an EA is a street or a city block. Each EA includes identification information, administrative information, and, as a measure of size, the number of residential households residing in the EA. Each EA is also classified into one of two types of residence, urban or rural. For each EA, there are cartographical materials that delineate its geographical locations, boundaries, main access, and landmarks inside or outside the EA, helping to identify the different areas.

Note: See Appendix A of the final report for additional details on the sampling procedure.

## Response Rate

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A total of 9,724 households selected for the sample, 9,390 were occupied at the time of fieldwork. Among the occupied households, 9,330 were successfully interviewed, yielding a total household response rate of 99%. In the interviewed households, 10,136 eligible women were identified for individual interviews and 10,018 were successfully interviewed, yielding a response rate of 99%.

## Weighting

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A spreadsheet containing all sampling parameters and selection probabilities was prepared to facilitate the calculation of design weights. Design weights were adjusted for household non-response and individual non-response to obtain sampling weights for households and women, respectively. Differences between household sampling weights and individual sampling weights were a result of non-response among women. The final sampling weights were normalised to produce unweighted cases equal to weighted cases at the national level for both household weights and individual weights.

It is important to note that normalised weights are relative weights that are valid for estimating means, proportions, and ratios but are not valid for estimating population totals or for pooled data. Also, the number of weighted cases obtained using normalised weights has no direct relation with survey precision because it is relative, especially for oversampled areas; the number of weighted cases will be much smaller than the number of unweighted cases. It is the number of unweighted cases that is directly related to survey precision.

Details of sampling weight calculation is available in Appendix A.4 of the final report.

# Questionnaires

## Overview

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Three questionnaires—the Household Questionnaire, the Woman’s Questionnaire, and the Biomarker Questionnaire—were used for the 2017 TMIS. Core questionnaires available from the Roll Back Malaria Monitoring & Evaluation Reference Group (RBM-MERG) were adapted to reflect the population and health issues relevant to Tanzania.

The questionnaires were initially prepared in English, later translated to Kiswahili, and then programmed onto tablet computers, enabling use of computer-assisted personal interviewing (CAPI) for the survey.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2017-10-09	2017-12-20	N/A

### Data Collection Mode

Computer Assisted Personal Interview [capi]

### Data Collection Notes

Sixteen teams (2 for Zanzibar and 14 for Tanzania Mainland) were formed for field data collection. Each team consisted of a supervisor (team leader), four female interviewers, one male interviewer, and a driver. Every interviewer was trained in biomarker collection.

NBS arranged for printing of manuals, brochures, other field forms, and backup questionnaires and organised field supplies such as backpacks and identification cards. NBS and OCGS coordinated the fieldwork logistics.

Field data collection for the 2017 TMIS took place from October 9 to December 20, 2017. To ensure data quality, all 16 teams were visited at least three times by NBS and OCGS staff as well as staff from NMCP and ZAMEP.

### Questionnaires

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### Data Collectors

Name	Abbreviation	Affiliation
National Bureau of Statistics	NBS	Government of the United Republic of Tanzania

## Data Processing

### Data Editing

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Data for the 2017 TMIS were collected through questionnaires programmed onto the CAPI application. The CAPI application was programmed by ICF in collaboration with NBS and OCGS and loaded with the Household and Woman's Questionnaires. The Biomarker Questionnaire measurements were entered on a hard copy and later transferred to the CAPI application. Using a secure internet file streaming system (IFSS), the field supervisors transferred data to a server located at NBS headquarters in Dar es Salaam on a daily basis. To facilitate communication and monitoring, each field worker was assigned a unique identification number.

At NBS headquarters, data received from the field teams' CAPI applications were registered and checked for inconsistencies and outliers. Data editing and cleaning included an extensive range of structural and internal consistency checks. Any anomalies were communicated to the teams so that, together with the data processing teams, they could resolve data discrepancies. The corrected results were maintained in master Census and Survey Processing System (CSPRO) data files at NBS and were used in producing tables for analysis and report writing. ICF provided technical assistance in processing the data using CSPro for data editing, cleaning, weighting, and tabulation.



# Data Appraisal

## Estimates of Sampling Error

The estimates from a sample survey are affected by two types of errors: non-sampling errors and sampling errors. Non-sampling errors are the results of mistakes made in implementing data collection and data processing, such as failure to locate and interview the correct household, misunderstanding of the questions on the part of either the interviewer or the respondent, and data entry errors. Although numerous efforts were made during the implementation of the 2017 Tanzania Malaria Indicator Survey (2017 TMIS) to minimise this type of error, non-sampling errors are impossible to avoid and difficult to evaluate statistically.

Sampling errors, on the other hand, can be evaluated statistically. The sample of respondents selected in the 2017 TMIS is only one of many samples that could have been selected from the same population, using the same design and expected size. Each of these samples would yield results that differ somewhat from the results of the actual sample selected. Sampling errors are a measure of the variability between all possible samples. Although the degree of variability is not known exactly, it can be estimated from the survey results.

A sampling error is usually measured in terms of the standard error for a particular statistic (mean, percentage, etc.), which is the square root of the variance. The standard error can be used to calculate confidence intervals within which the true value for the population can reasonably be assumed to fall. For example, for any given statistic calculated from a sample survey, the value of that statistic will fall within a range of plus or minus two times the standard error of that statistic in 95% of all possible samples of identical size and design.

If the sample of respondents had been selected as a simple random sample, it would have been possible to use straightforward formulas for calculating sampling errors. However, the 2017 TMIS sample is the result of a multi-stage stratified design, and, consequently, it was necessary to use more complex formulas. The computer software used to calculate sampling errors for the 2017 TMIS is an SAS program. This program uses the Taylor linearization method of variance estimation for survey estimates that are means, proportions, or ratios.

Note: Detailed description of sampling error estimates is presented in APPENDIX B of the final report.

## Other forms of Data Appraisal

Data quality tables are produced to review the quality of the data:

- Household age distribution
- Age distribution of eligible and interviewed women
- Completeness of reporting
- Births by calendar years

Note: The tables are presented in APPENDIX C of the final report.

## File Description

## Variable List

## RECH0

Content	HOUSEHOLD - Household's basic data
Cases	9724
Variable(s)	52
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V651	hhid	Case Identification	discrete	character	
V652	hv000	Country code and phase	discrete	character	
V653	hv001	Cluster number	contin	numeric	
V654	hv002	Household number	contin	numeric	
V655	hv003	Respondent's line number (answering Household questionnaire)	discrete	numeric	
V656	hv004	Ultimate area unit	contin	numeric	
V657	hv005	Household sample weight (6 decimals)	contin	numeric	
V658	hv006	Month of interview	discrete	numeric	
V659	hv007	Year of interview	discrete	numeric	
V660	hv008	Date of interview (CMC)	discrete	numeric	
V661	hv008a	Date of interview Century Day Code (CDC)	contin	numeric	
V662	hv009	Number of household members	contin	numeric	
V663	hv010	Number of eligible women in household	discrete	numeric	
V664	hv011	NA - Number of eligible men in household	discrete	numeric	
V665	hv012	Number of de jure members	contin	numeric	
V666	hv013	Number of de facto members	contin	numeric	
V667	hv014	Number of children 5 and under (de jure)	discrete	numeric	
V668	hv015	Result of household interview	discrete	numeric	
V669	hv016	Day of interview	contin	numeric	
V670	hv017	Number of visits	discrete	numeric	
V671	hv018	Interviewer identification	contin	numeric	
V672	hv019	NA - Keyer identification	discrete	numeric	
V673	hv020	Ever-married sample	discrete	numeric	
V674	hv021	Primary sampling unit	contin	numeric	
V675	hv022	Sample strata for sampling errors	discrete	numeric	
V676	hv023	Stratification used in sample design	discrete	numeric	
V677	hv024	Region	discrete	numeric	
V678	hv025	Type of place of residence	discrete	numeric	

V679	hv026	NA - Place of residence	discrete	numeric
V680	hv027	NA - Household selected for male interview	discrete	numeric
V681	hv028	NA - Household weight for male subsample (6 decimals)	discrete	numeric
V682	hv030	Field supervisor	contin	numeric
V683	hv031	NA - Field editor	discrete	numeric
V684	hv032	NA - Office editor	discrete	numeric
V685	hv035	Number of eligible children for height and weight	discrete	numeric
V686	hv040	Cluster altitude in meters	contin	numeric
V687	hv041	NA - Total adults measured	discrete	numeric
V688	hv042	Household selected for hemoglobin	discrete	numeric
V689	hv044	NA - Household selected for Domestic Violence module	discrete	numeric
V690	hv045a	Language of questionnaire	discrete	numeric
V691	hv045b	Language of interview	discrete	numeric
V692	hv045c	Native language of respondent	discrete	numeric
V693	hv046	Translator used	discrete	numeric
V694	hv801	Time interview started (hhmm - 24 hour clock)	contin	numeric
V695	hv802	Time interview ended (hhmm - 24 hour clock)	contin	numeric
V696	hv803	Length of interview in minutes	discrete	numeric
V697	hv804	Number of visits for biomarker	discrete	numeric
V698	hv807d	Day of biomarker visit	contin	numeric
V699	hv807m	Month of biomarker visit	discrete	numeric
V700	hv807y	Year of biomarker visit	discrete	numeric
V701	hv807c	Date of biomarker (CMC)	discrete	numeric
V702	hv807a	Date of biomarker Century Day Code (CDC)	contin	numeric

**RECH1**

Content	HOUSEHOLD - Household Schedule
Cases	47766
Variable(s)	8
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V703	hhid	Case Identification	discrete	character	
V704	hvidx	Line number	contin	numeric	
V705	hv101	Relationship to head	discrete	numeric	
V706	hv102	Usual resident	discrete	numeric	
V707	hv103	Slept last night	discrete	numeric	
V708	hv104	Sex of household member	discrete	numeric	
V709	hv105	Age of household members	discrete	numeric	
V710	hv117	Eligibility for female interview	discrete	numeric	

## RECH2

Content	HOUSEHOLD - Household Characteristics
Cases	9330
Variable(s)	54
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V711	hhid	Case Identification	discrete	character	
V712	hv201	Source of drinking water	discrete	numeric	
V713	hv202	Source of non-drinking water	discrete	numeric	
V714	hv204	Time to get to water source (minutes)	discrete	numeric	
V715	hv205	Type of toilet facility	discrete	numeric	
V716	hv206	Has electricity	discrete	numeric	
V717	hv207	Has radio	discrete	numeric	
V718	hv208	Has television	discrete	numeric	
V719	hv209	Has refrigerator	discrete	numeric	
V720	hv210	Has bicycle	discrete	numeric	
V721	hv211	Has motorcycle/scooter	discrete	numeric	
V722	hv212	Has car/truck	discrete	numeric	
V723	hv213	Main floor material	discrete	numeric	
V724	hv214	Main wall material	discrete	numeric	
V725	hv215	Main roof material	discrete	numeric	
V726	hv216	Number of rooms used for sleeping	contin	numeric	
V727	hv217	Relationship structure	discrete	numeric	
V728	hv218	Line number of head of household	discrete	numeric	
V729	hv219	Sex of head of household	discrete	numeric	
V730	hv220	Age of head of household	discrete	numeric	
V731	hv221	Has telephone (land-line)	discrete	numeric	
V732	hv225	Share toilet with other households	discrete	numeric	
V733	hv226	Type of cooking fuel	discrete	numeric	
V734	hv227	Has mosquito bed net for sleeping	discrete	numeric	
V735	hv228	Children under 5 slept under mosquito bed net last night	discrete	numeric	
V736	hv235	Location of source for water	discrete	numeric	
V737	hv238	Number of households sharing toilet	discrete	numeric	
V738	hv243a	Has mobile telephone	discrete	numeric	

V739	hv243b	Has watch	discrete	numeric
V740	hv243c	Has animal-drawn cart	discrete	numeric
V741	hv243d	Has boat with a motor	discrete	numeric
V742	hv243e	Has a computer	discrete	numeric
V743	hv244	Owens land usable for agriculture	discrete	numeric
V744	hv245	Hectares of agricultural land (1 decimal)	discrete	numeric
V745	hv246	Owens livestock, herds or farm animals	discrete	numeric
V746	hv246a	Owens cattle	discrete	numeric
V747	hv246b	Owens cows/ bulls	discrete	numeric
V748	hv246c	Owens horses/ donkeys/ mules	discrete	numeric
V749	hv246d	Owens goats	discrete	numeric
V750	hv246e	Owens sheep	discrete	numeric
V751	hv246f	Owens chickens/poultry	discrete	numeric
V752	hv246g	Owens pigs	discrete	numeric
V753	hv246h	NA - Owens CS	discrete	numeric
V754	hv246i	NA - Owens CS	discrete	numeric
V755	hv246j	NA - Owens CS	discrete	numeric
V756	hv246k	NA - Owens CS	discrete	numeric
V757	hv247	Has bank account	discrete	numeric
V758	hv270	Wealth index combined	discrete	numeric
V759	hv271	Wealth index factor score combined (5 decimals)	contin	numeric
V760	hv270a	Wealth index for urban/rural	discrete	numeric
V761	hv271a	Wealth index factor score for urban/rural (5 decimals)	contin	numeric
V762	hml1	Number of mosquito bed nets	discrete	numeric
V763	hml1a	Number of mosquito bed nets with specific information	discrete	numeric
V764	hml2	Number of children under mosquito bed net previous night	discrete	numeric



**RECH3**

Content	HOUSEHOLD - Survey specific Household variables
Cases	9724
Variable(s)	17
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V765	hhid	Case Identification	discrete	character	
V766	sh114g	Household has: battery	discrete	numeric	
V767	sh114h	Household has: iron	discrete	numeric	
V768	sh133a	Eaves of the house	discrete	numeric	
V769	sh133ba	Material external windows: glass	discrete	numeric	
V770	sh133bb	Material external windows: bags	discrete	numeric	
V771	sh133bc	Material external windows: wood	discrete	numeric	
V772	sh133bd	Material external windows: iron/metal	discrete	numeric	
V773	sh133be	Material external windows: screens	discrete	numeric	
V774	sh133bf	Material external windows: no window	discrete	numeric	
V775	sh133bx	Material external windows: other	discrete	numeric	
V776	sh133c	External windows	discrete	numeric	
V777	sh133d	Screening on external windows	discrete	numeric	
V778	shreg1	Tanzania mainland / Zanzibar	discrete	numeric	
V779	shreg2	Zone	discrete	numeric	
V780	shreg3	Mainland	discrete	numeric	
V781	shreg4	Zanzibar	discrete	numeric	

## RECH6

Content	HOUSEHOLD - Children Height/Weight/Hemoglobin
Cases	8236
Variable(s)	28
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V782	hhid	Case Identification	discrete	character	
V783	hc0	Index to Household Schedule	contin	numeric	
V784	hc1	Child's age in months	contin	numeric	
V785	hc1a	Child's age in days	contin	numeric	
V786	hc16	Day of birth	discrete	numeric	
V787	hc17	Date measured (day)	contin	numeric	
V788	hc18	Date measured (month)	discrete	numeric	
V789	hc19	Date measured (year)	discrete	numeric	
V790	hc20	Century Day Code (CDC) of measurement	contin	numeric	
V791	hc21	Fieldworker measurer code	contin	numeric	
V792	hc27	Sex	discrete	numeric	
V793	hc30	Month of birth	discrete	numeric	
V794	hc31	Year of birth	discrete	numeric	
V795	hc32	Date of birth (CMC)	contin	numeric	
V796	hc32a	Century Day Code (CDC) of birth	contin	numeric	
V797	hc33	Completeness of HC32 information	discrete	numeric	
V798	hc51	Line number of parent/caretaker	discrete	numeric	
V799	hc52	Read consent statement - hemoglobin	discrete	numeric	
V800	hc53	Hemoglobin level (g/dl - 1 decimal)	discrete	numeric	
V801	hc55	Result of measurement - hemoglobin	discrete	numeric	
V802	hc56	Hemoglobin level adjusted for altitude (g/dl - 1 decimal)	discrete	numeric	
V803	hc57	Anemia level	discrete	numeric	
V804	hc60	Mother's line number (woman's questionnaire)	discrete	numeric	
V805	hc61	Mother's highest educational level	discrete	numeric	
V806	hc62	Mother's highest year of education	discrete	numeric	
V807	hc63	Preceding birth interval (months)	contin	numeric	
V808	hc64	Birth order number	contin	numeric	
V809	hc68	Mother's highest educational level (for preliminary and final report)	discrete	numeric	

## RECHML

Content	HOUSEHOLD - Malaria: by Mosquito Bed Net
Cases	18088
Variable(s)	36
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V846	hhid	Case Identification	discrete	character	
V847	hmlidx	Mosquito Bed Net Designation Number	discrete	numeric	
V848	hml3	Net observed by interviewer	discrete	numeric	
V849	hml4	Months ago net obtained	discrete	numeric	
V850	hml5	NA - Net treated with insecticide when bought	discrete	numeric	
V851	hml6	NA - Net treatment status	discrete	numeric	
V852	hml7	Brand of net	discrete	numeric	
V853	hml8	Net treated since receiving	discrete	numeric	
V854	hml9	NA - Time since last re-treatment (months)	discrete	numeric	
V855	hml10	Insecticide-Treated Net (ITN)	discrete	numeric	
V856	hml11	Number of persons who slept under this net	discrete	numeric	
V857	hml21	Someone slept under this net last night	discrete	numeric	
V858	hmla	Line number of person who slept in this net	discrete	numeric	
V859	hmlb	Line number of person who slept in this net	contin	numeric	
V860	hmlc	Line number of person who slept in this net	contin	numeric	
V861	hmdl	Line number of person who slept in this net	contin	numeric	
V862	hmle	NA - Line number of person who slept in this net	discrete	numeric	
V863	hml22	Obtained net from campaign, antenatal or immunization visit	discrete	numeric	
V864	hml23	Place where net was obtained	discrete	numeric	
V865	sh121a	Observed color of mosquito net	discrete	numeric	
V866	sh127a	Paid for net	discrete	numeric	
V867	sh127b	TSHS paid for net	contin	numeric	
V868	sh129ha	Reason nobody slept under net: no mosquitos	discrete	numeric	
V869	sh129hb	Reason nobody slept under net: no malaria now	discrete	numeric	
V870	sh129hc	Reason nobody slept under net: too hot	discrete	numeric	
V871	sh129hd	Reason nobody slept under net: don't like smell	discrete	numeric	
V872	sh129he	Reason nobody slept under net: feel closed in/afraid	discrete	numeric	
V873	sh129hf	Reason nobody slept under net: net too old/torn	discrete	numeric	

V874	sh129hg	Reason nobody slept under net: net too dirty	discrete	numeric
V875	sh129hh	Reason nobody slept under net: net not available last night/net being washed	discrete	numeric
V876	sh129hi	Reason nobody slept under net: usual user(s) did not sleep here last night	discrete	numeric
V877	sh129hj	Reason nobody slept under net: net too small	discrete	numeric
V878	sh129hk	Reason nobody slept under net: saving net for later	discrete	numeric
V879	sh129hl	Reason nobody slept under net: no longer kills/repels mosquitos	discrete	numeric
V880	sh129hx	Reason nobody slept under net:: other	discrete	numeric
V881	sh129hz	Reason nobody slept under net: don't know	discrete	numeric

## RECHMH

Content	HOUSEHOLD - Malaria: by Household Member
Cases	47766
Variable(s)	36
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V810	hhid	Case Identification	discrete	character	
V811	hmhid	Index to Household Schedule	contin	numeric	
V812	hml12	Type of Mosquito Bed Net(s) person slept under last night	discrete	numeric	
V813	hml13	Net Designation Number (HMLIDX) for 1st net person slept under last night	discrete	numeric	
V814	hml14	Net Designation Number (HMLIDX) for 2nd net person slept under last night	discrete	numeric	
V815	hml15	NA - Net Designation Number (HMLIDX) for 3rd net person slept under last night	discrete	numeric	
V816	hml16	Corrected age from Individual file	discrete	numeric	
V817	hml16a	Age in months (for children)	contin	numeric	
V818	hml17	Flag for age from Individual file	discrete	numeric	
V819	hml18	Pregnancy status from Individual file	discrete	numeric	
V820	hml19	Person slept under an ever-treated net	discrete	numeric	
V821	hml20	Person slept under an LLIN net	discrete	numeric	
V822	hml30	Line number of parent/caretaker (for malaria testing)	discrete	numeric	
V823	hml31	Read consent statement for malaria	discrete	numeric	
V824	hml32	NA - Final result of malaria from blood smear test	discrete	numeric	
V825	hml32a	NA - Presence of species: falciparum (Pf)	discrete	numeric	
V826	hml32b	NA - Presence of species: malariae (Pm)	discrete	numeric	
V827	hml32c	NA - Presence of species: ovale (Po)	discrete	numeric	
V828	hml32d	NA - Presence of species: vivax (Pv)	discrete	numeric	
V829	hml32e	NA - Presence of species: CS	discrete	numeric	
V830	hml32f	NA - Presence of species: CS	discrete	numeric	
V831	hml32g	NA - Presence of species: CS	discrete	numeric	
V832	hml33	Result of malaria measurement	discrete	numeric	
V833	hml34	NA - Bar code for blood smear sample	discrete	character	
V834	hml35	Result of malaria rapid test	discrete	numeric	
V835	hml36	Fieldworker measurer code for malaria	contin	numeric	

V836	sb118a	Illness or symptoms: extreme weakness	discrete	numeric
V837	sb118b	Illness or symptoms: heart problems	discrete	numeric
V838	sb118c	Illness or symptoms: loss of consciousness	discrete	numeric
V839	sb118d	Illness or symptoms: rapid breathing	discrete	numeric
V840	sb118e	Illness or symptoms: seizures	discrete	numeric
V841	sb118f	Illness or symptoms: abnormal bleeding	discrete	numeric
V842	sb118g	Illness or symptoms: jaundice or yellow skin	discrete	numeric
V843	sb118h	Illness or symptoms: dark urine	discrete	numeric
V844	sb121	Taken ACT for malaria treatment in the past two weeks	discrete	numeric
V845	sb125	Accepted medicine	discrete	numeric

**REC01**

Content	WOMAN - Respondent's basic data
Cases	10136
Variable(s)	40
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V882	hhid	Case Identification	discrete	character	
V883	caseid	Case Identification	discrete	character	
V884	v000	Country code and phase	discrete	character	
V885	v001	Cluster number	contin	numeric	
V886	v002	Household number	contin	numeric	
V887	v003	Respondent's line number	contin	numeric	
V888	v004	Ultimate area unit	contin	numeric	
V889	v005	Women's individual sample weight (6 decimals)	contin	numeric	
V890	v006	Month of interview	discrete	numeric	
V891	v007	Year of interview	discrete	numeric	
V892	v008	Date of interview (CMC)	discrete	numeric	
V893	v008a	Date of interview Century Day Code (CDC)	contin	numeric	
V894	v009	Respondent's month of birth	discrete	numeric	
V895	v010	Respondent's year of birth	contin	numeric	
V896	v011	Date of birth (CMC)	contin	numeric	
V897	v012	Respondent's current age	contin	numeric	
V898	v013	Age in 5-year groups	discrete	numeric	
V899	v014	Completeness of age information	discrete	numeric	
V900	v015	Result of individual interview	discrete	numeric	
V901	v016	Day of interview	contin	numeric	
V902	v020	Ever-married sample	discrete	numeric	
V903	v021	Primary sampling unit	contin	numeric	
V904	v022	Sample strata for sampling errors	discrete	numeric	
V905	v023	Stratification used in sample design	discrete	numeric	
V906	v024	Region	discrete	numeric	
V907	v025	Type of place of residence	discrete	numeric	
V908	v026	NA - De facto place of residence	discrete	numeric	
V909	v027	Number of visits	discrete	numeric	

V910	v028	Interviewer identification	contin	numeric
V911	v029	NA - Keyer identification	discrete	numeric
V912	v030	Field supervisor	contin	numeric
V913	v031	NA - Field editor	discrete	numeric
V914	v032	NA - Office editor	discrete	numeric
V915	v034	NA - Line number of husband	discrete	numeric
V916	v040	Cluster altitude in meters	contin	numeric
V917	v042	Household selected for hemoglobin	discrete	numeric
V918	v045a	Language of questionnaire	discrete	numeric
V919	v045b	Language of interview	discrete	numeric
V920	v045c	Native language of respondent	discrete	numeric
V921	v046	Translator used	discrete	numeric



## REC11

Content	WOMAN - Respondent's basic data (continued)
Cases	10018
Variable(s)	39
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V966	hhid	Case Identification	discrete	character	
V967	caseid	Case Identification	discrete	character	
V968	v101	Region	discrete	numeric	
V969	v102	Type of place of residence	discrete	numeric	
V970	v106	Highest educational level	discrete	numeric	
V971	v107	Highest year of education	discrete	numeric	
V972	v113	Source of drinking water	discrete	numeric	
V973	v115	Time to get to water source	discrete	numeric	
V974	v116	Type of toilet facility	discrete	numeric	
V975	v119	Household has: electricity	discrete	numeric	
V976	v120	Household has: radio	discrete	numeric	
V977	v121	Household has: television	discrete	numeric	
V978	v122	Household has: refrigerator	discrete	numeric	
V979	v123	Household has: bicycle	discrete	numeric	
V980	v124	Household has: motorcycle/scooter	discrete	numeric	
V981	v125	Household has: car/truck	discrete	numeric	
V982	v127	Main floor material	discrete	numeric	
V983	v128	Main wall material	discrete	numeric	
V984	v129	Main roof material	discrete	numeric	
V985	v133	Education in single years	discrete	numeric	
V986	v135	Usual resident or visitor	discrete	numeric	
V987	v136	Number of household members (listed)	contin	numeric	
V988	v137	Number of children 5 and under in household (de jure)	discrete	numeric	
V989	v138	Number of eligible women in household (de facto)	discrete	numeric	
V990	v139	De jure region of residence	discrete	numeric	
V991	v140	De jure type of place of residence	discrete	numeric	
V992	v149	Educational attainment	discrete	numeric	
V993	v150	Relationship to household head	discrete	numeric	

V994	v151	Sex of household head	discrete	numeric
V995	v152	Age of household head	discrete	numeric
V996	v153	Household has: telephone (land-line)	discrete	numeric
V997	v155	Literacy	discrete	numeric
V998	v160	Toilet facilities shared with other households	discrete	numeric
V999	v161	Type of cooking fuel	discrete	numeric
V1000	v190	Wealth index combined	discrete	numeric
V1001	v191	Wealth index factor score combined (5 decimals)	contin	numeric
V1002	v190a	Wealth index for urban/rural	discrete	numeric
V1003	v191a	Wealth index factor score for urban/rural (5 decimals)	contin	numeric
V1004	ml101	Type of mosquito bed net(s) slept under last night	discrete	numeric

**REC21**

Content	WOMAN - Reproduction and Birth History
Cases	8833
Variable(s)	20
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1005	hhid	Case Identification	discrete	character	
V1006	caseid	Case Identification	discrete	character	
V1007	bidx	Birth column number	discrete	numeric	
V1008	bord	Birth order number	discrete	numeric	
V1009	b0	Child is twin	discrete	numeric	
V1010	b1	Month of birth	discrete	numeric	
V1011	b2	Year of birth	discrete	numeric	
V1012	b3	Date of birth (CMC)	contin	numeric	
V1013	b4	Sex of child	discrete	numeric	
V1014	b5	Child is alive	discrete	numeric	
V1015	b8	Current age of child	discrete	numeric	
V1016	b9	Child lives with whom	discrete	numeric	
V1017	b10	Completeness of information	discrete	numeric	
V1018	b11	Preceding birth interval (months)	contin	numeric	
V1019	b12	Succeeding birth interval (months)	contin	numeric	
V1020	b15	Live birth between births	discrete	numeric	
V1021	b16	Child's line number in household	discrete	numeric	
V1022	b17	Day of birth	contin	numeric	
V1023	b18	Century Day Code of birth (CDC)	contin	numeric	
V1024	b19	Current age of child in months (months since birth for dead children)	contin	numeric	

## REC22

Content	WOMAN - Reproduction (continued)
Cases	10018
Variable(s)	22
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1025	hhid	Case Identification	discrete	character	
V1026	caseid	Case Identification	discrete	character	
V1027	v201	Total children ever born	discrete	numeric	
V1028	v202	Sons at home	discrete	numeric	
V1029	v203	Daughters at home	discrete	numeric	
V1030	v204	Sons elsewhere	discrete	numeric	
V1031	v205	Daughters elsewhere	discrete	numeric	
V1032	v206	Sons who have died	discrete	numeric	
V1033	v207	Daughters who have died	discrete	numeric	
V1034	v208	Births in last five years	discrete	numeric	
V1035	v209	Births in past year	discrete	numeric	
V1036	v210	Births in month of interview	discrete	numeric	
V1037	v213	Currently pregnant	discrete	numeric	
V1038	v214	Duration of current pregnancy	discrete	numeric	
V1039	v218	Number of living children	discrete	numeric	
V1040	v219	Living children + current pregnancy	discrete	numeric	
V1041	v220	Living children + current pregnancy (grouped)	discrete	numeric	
V1042	v222	Last birth to interview (months)	contin	numeric	
V1043	v223	Completeness of current pregnancy information	discrete	numeric	
V1044	v224	Entries in birth history	discrete	numeric	
V1045	v237	Birth between last and interview	discrete	numeric	
V1046	v238	Births in last three years	discrete	numeric	

## REC41

Content	WOMAN - Maternity
Cases	5364
Variable(s)	45
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1047	hhid	Case Identification	discrete	character	
V1048	caseid	Case Identification	discrete	character	
V1049	midx	Index to Birth History	discrete	numeric	
V1050	m2a	Prenatal: doctor	discrete	numeric	
V1051	m2b	Prenatal: nurse/midwife	discrete	numeric	
V1052	m2c	Prenatal: auxiliary midwife	discrete	numeric	
V1053	m2d	NA - Prenatal: CS health professional	discrete	numeric	
V1054	m2e	NA - Prenatal: CS health professional	discrete	numeric	
V1055	m2f	NA - Prenatal: CS health professional	discrete	numeric	
V1056	m2g	Prenatal: traditional birth attendant	discrete	numeric	
V1057	m2h	Prenatal: community/village health worker	discrete	numeric	
V1058	m2i	NA - Prenatal: CS other person	discrete	numeric	
V1059	m2j	NA - Prenatal: CS other person	discrete	numeric	
V1060	m2k	NA - Prenatal: other	discrete	numeric	
V1061	m2l	Prenatal: CS other	discrete	numeric	
V1062	m2m	NA - Prenatal: CS other	discrete	numeric	
V1063	m2n	Prenatal: no one	discrete	numeric	
V1064	m14	Number of antenatal visits during pregnancy	discrete	numeric	
V1065	m49a	During pregnancy took: SP/fansidar for malaria	discrete	numeric	
V1066	m49b	NA - During pregnancy took: chloroquine for malaria	discrete	numeric	
V1067	m49c	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V1068	m49d	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V1069	m49e	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V1070	m49f	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V1071	m49g	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V1072	m49x	NA - During pregnancy took: other drug for malaria	discrete	numeric	
V1073	m49z	NA - During pregnancy took: don't know	discrete	numeric	
V1074	m49y	NA - During pregnancy took: no drug for malaria	discrete	numeric	

V1075	s303b	Received bed net at antenatal care visit during pregnancy	discrete	numeric
V1076	s306a	Bought SP/Fansidar or given for free	discrete	numeric
V1077	s306b	Amount paid for SP/Fansidar	discrete	numeric
V1078	s306c	Way of payment	discrete	numeric
V1079	s306da	Reason not taking SP/Fansidar: none available at facility	discrete	numeric
V1080	s306db	Reason not taking SP/Fansidar: provider did not offer medicine	discrete	numeric
V1081	s306dc	Reason not taking SP/Fansidar: provider refused to give medicine	discrete	numeric
V1082	s306dd	Reason not taking SP/Fansidar: no water at facility to take with med	discrete	numeric
V1083	s306de	Reason not taking SP/Fansidar: no cup at facility to drink water	discrete	numeric
V1084	s306df	Reason not taking SP/Fansidar: afraid of effects on my health	discrete	numeric
V1085	s306dg	Reason not taking SP/Fansidar: afraid of effects on baby's health	discrete	numeric
V1086	s306dh	Reason not taking SP/Fansidar: had not eaten before	discrete	numeric
V1087	s306di	Reason not taking SP/Fansidar: afraid of vomiting	discrete	numeric
V1088	s306dj	Reason not taking SP/Fansidar: I didn't have money to pay the SP	discrete	numeric
V1089	s306dk	Reason not taking SP/Fansidar: taking SEPTRIM	discrete	numeric
V1090	s306dx	Reason not taking SP/Fansidar: other	discrete	numeric
V1091	s306dz	Reason not taking SP/Fansidar: don't know	discrete	numeric

**REC42**

Content	WOMAN - Health and Breastfeeding
Cases	10018
Variable(s)	9
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1092	hhid	Case Identification	discrete	character	
V1093	caseid	Case Identification	discrete	character	
V1094	v417	Entries in pregnancy and postnatal care roster	discrete	numeric	
V1095	v418a	Entries in child health roster	discrete	numeric	
V1096	v419	Entries in height/weight roster	discrete	numeric	
V1097	v459	Have mosquito bed net for sleeping (from household questionnaire)	discrete	numeric	
V1098	v460	Children under 5 slept under mosquito bed net last night (household questionnaire)	discrete	numeric	
V1099	v461	Respondent slept under mosquito bed net	discrete	numeric	
V1100	v468	Record for Last Birth	discrete	numeric	

## REC4A

Content	WOMAN - Child's health
Cases	7688
Variable(s)	44
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V922	hhid	Case Identification	discrete	character	
V923	caseid	Case Identification	discrete	character	
V924	hidxa	Index to birth history	discrete	numeric	
V925	h22	Had fever in last two weeks	discrete	numeric	
V926	h31	NA - Had cough in last two weeks	discrete	numeric	
V927	h32a	Fever/cough: public zonal/referral/specialized hospital	discrete	numeric	
V928	h32b	Fever/cough: public referral regional hospital	discrete	numeric	
V929	h32c	Fever/cough: public regional hospital	discrete	numeric	
V930	h32d	Fever/cough: public district hospital	discrete	numeric	
V931	h32e	Fever/cough: public health centre	discrete	numeric	
V932	h32f	Fever/cough: public dispensary	discrete	numeric	
V933	h32g	Fever/cough: public clinic	discrete	numeric	
V934	h32h	Fever/cough: public CHW	discrete	numeric	
V935	h32i	NA - Fever/cough: CS public sector	discrete	numeric	
V936	h32j	Fever/cough: private hospital	discrete	numeric	
V937	h32k	Fever/cough: private pharmacy	discrete	numeric	
V938	h32l	NA - Fever/cough: private doctor	discrete	numeric	
V939	h32m	Fever/cough: private specialized hospital	discrete	numeric	
V940	h32n	Fever/cough: private health centre	discrete	numeric	
V941	h32o	Fever/cough: private dispensary	discrete	numeric	
V942	h32p	Fever/cough: private clinic	discrete	numeric	
V943	h32q	NA - Fever/cough: CS private medical	discrete	numeric	
V944	h32r	NA - Fever/cough: CS private medical	discrete	numeric	
V945	h32s	Fever/cough: ADDO	discrete	numeric	
V946	h32t	Fever/cough: NGO	discrete	numeric	
V947	h32u	Fever/cough: Religious/voluntary combined	discrete	numeric	
V948	h32v	NA - Fever/cough: CS other sector	discrete	numeric	
V949	h32w	NA - Fever/cough: CS other sector	discrete	numeric	



V950	h32x	Fever/cough: other	discrete	numeric
V951	h32y	Fever/cough: no treatment	discrete	numeric
V952	h32z	Fever/cough: medical treatment	discrete	numeric
V953	h46a	Place first sought treatment for fever	discrete	numeric
V954	h46b	Number of days after fever began sought advice or treatment	discrete	numeric
V955	h47	Blood taken from child's finger/heel for testing	discrete	numeric
V956	s406	Sought advice or treatment for illness from any source	discrete	numeric
V957	s407i	Fever/cough: religious voluntary referral specialized hospital	discrete	numeric
V958	s407j	Fever/cough: religious.voluntary district hospital	discrete	numeric
V959	s407k	Fever/cough: religious voluntary hospital	discrete	numeric
V960	s407l	Fever/cough: religious voluntary health centre	discrete	numeric
V961	s407m	Fever/cough: religious voluntary dispensary	discrete	numeric
V962	s407n	Fever/cough: rel.vol. clinic	discrete	numeric
V963	s407a	Paid for advice/treatment	discrete	numeric
V964	s407b	Amount paid	discrete	numeric
V965	s407c	Way of payment	discrete	numeric

**REC44**

Content	WOMAN - Child's Height and Weight
Cases	7688
Variable(s)	14
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1101	hhid	Case Identification	discrete	character	
V1102	caseid	Case Identification	discrete	character	
V1103	hwidx	Index to Birth History	discrete	numeric	
V1104	hw1	Child's age in months	contin	numeric	
V1105	hw16	Day of birth of child	discrete	numeric	
V1106	hw17	Date measured (day)	contin	numeric	
V1107	hw18	Date measured (month)	discrete	numeric	
V1108	hw19	Date measured (year)	discrete	numeric	
V1109	hw51	Line number of parent/caretaker	discrete	numeric	
V1110	hw52	Read consent statement - hemoglobin	discrete	numeric	
V1111	hw53	Hemoglobin level (g/dl - 1 decimal)	discrete	numeric	
V1112	hw55	Result of measurement - hemoglobin	discrete	numeric	
V1113	hw56	Hemoglobin level adjusted for altitude (g/dl - 1 decimal)	discrete	numeric	
V1114	hw57	Anemia level	discrete	numeric	

**REC81**

Content	WOMAN - Characteristics of Interview
Cases	10018
Variable(s)	7
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1115	hhid	Case Identification	discrete	character	
V1116	caseid	Case Identification	discrete	character	
V1117	v801	Time interview started (hhmm - 24 hour clock)	contin	numeric	
V1118	v802	Time interview ended (hhmm - 24 hour clock)	contin	numeric	
V1119	v803	Length of interview in minutes	discrete	numeric	
V1120	v804	Number of visits	discrete	numeric	
V1121	v805	Interviewer identification	contin	numeric	

## RECML

Content	WOMAN - Malaria
Cases	7688
Variable(s)	92
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1213	hhid	Case Identification	discrete	character	
V1214	caseid	Case Identification	discrete	character	
V1215	idxml	Index to Birth History	discrete	numeric	
V1216	ml0	Type of mosquito bed net(s) child slept under last night	discrete	numeric	
V1217	ml1	Number of times took fansidar during pregnancy	discrete	numeric	
V1218	ml2	Source of antimalarial during pregnancy	discrete	numeric	
V1219	ml11	NA - Child has fever/cough now	discrete	numeric	
V1220	ml12	NA - Child has had convulsions in last 2 weeks	discrete	numeric	
V1221	ml13a	Fansidar taken for fever	discrete	numeric	
V1222	ml13b	Chloroquine taken for fever	discrete	numeric	
V1223	ml13c	Amodiaquine taken for fever	discrete	numeric	
V1224	ml13d	Quinine taken for fever	discrete	numeric	
V1225	ml13da	Quinine injection/IV taken for fever	discrete	numeric	
V1226	ml13e	Combination with artemisinin taken for fever	discrete	numeric	
V1227	ml13aa	Artesunate rectal taken for fever	discrete	numeric	
V1228	ml13ab	Artesunate injection/IV taken for fever	discrete	numeric	
V1229	ml13f	NA - CS antimalarial taken for fever	discrete	numeric	
V1230	ml13g	NA - CS antimalarial taken for fever	discrete	numeric	
V1231	ml13h	Other antimalarial taken for fever	discrete	numeric	
V1232	ml13i	Antibiotic pill/syrup taken for fever	discrete	numeric	
V1233	ml13j	Antibiotic injection taken for fever	discrete	numeric	
V1234	ml13k	Aspirin taken for fever	discrete	numeric	
V1235	ml13l	Acetaminophen/paracetamol/panadol taken for fever	discrete	numeric	
V1236	ml13m	Ibuprofen taken for fever	discrete	numeric	
V1237	ml13n	NA - CS other taken for fever	discrete	numeric	
V1238	ml13o	NA - CS other taken for fever	discrete	numeric	
V1239	ml13p	NA - CS other taken for fever	discrete	numeric	
V1240	ml13x	Other taken for fever	discrete	numeric	

V1241	ml13y	Nothing taken and didn't seek treatment for fever/cough	discrete	numeric
V1242	ml13z	Don't know if or what was taken for fever	discrete	numeric
V1243	ml14a	NA - Injection given for fever/convulsion***	discrete	numeric
V1244	ml14b	NA - Suppository given for fever/convulsion***	discrete	numeric
V1245	ml14y	NA - No suppository or injection given for fever/convulsion***	discrete	numeric
V1246	ml14z	NA - Don't know if suppository or injection given for fever/convulsion***	discrete	numeric
V1247	ml15a	Timing of start of fansidar	discrete	numeric
V1248	ml15b	NA - Number of days child took fansidar	discrete	numeric
V1249	ml15c	NA - First source for fansidar	discrete	numeric
V1250	ml16a	Timing of start of chloroquine	discrete	numeric
V1251	ml16b	NA - Number of days child took chloroquine	discrete	numeric
V1252	ml16c	NA - First source for chloroquine	discrete	numeric
V1253	ml17a	Timing of start of amodiaquine	discrete	numeric
V1254	ml17b	NA - Number of days child took amodiaquine	discrete	numeric
V1255	ml17c	NA - First source for amodiaquine	discrete	numeric
V1256	ml18a	Timing of start of quinine	discrete	numeric
V1257	ml18b	NA - Number of days child took quinine	discrete	numeric
V1258	ml18c	NA - First source for quinine	discrete	numeric
V1259	ml19a	NA - For fever/convulsion: consulted traditional healer***	discrete	numeric
V1260	ml19b	NA - For fever/convulsion: gave tepid sponging***	discrete	numeric
V1261	ml19c	NA - For fever/convulsion: gave herbs***	discrete	numeric
V1262	ml19d	NA - For fever/convulsion: CS***	discrete	numeric
V1263	ml19e	NA - For fever/convulsion: CS***	discrete	numeric
V1264	ml19f	NA - For fever/convulsion: CS***	discrete	numeric
V1265	ml19x	NA - For fever/convulsion: other***	discrete	numeric
V1266	ml19y	NA - For fever/convulsion: gave/did nothing***	discrete	numeric
V1267	ml19z	NA - For fever/convulsion: don't know if something else was done***	discrete	numeric
V1268	ml20a	Timing of start of combination with artemisinin	discrete	numeric
V1269	ml20b	NA - Number of days child took combination with artemisinin	discrete	numeric
V1270	ml20c	NA - First source for combination with artemisinin	discrete	numeric
V1271	ml21a	NA - Timing of start of CS antimalarial use	discrete	numeric
V1272	ml21b	NA - Number of days child took CS antimalarial	discrete	numeric
V1273	ml21c	NA - First source for CS antimalarial	discrete	numeric
V1274	ml22a	NA - Timing of start of CS antimalarial use	discrete	numeric
V1275	ml22b	NA - Number of days child took CS antimalarial	discrete	numeric
V1276	ml22c	NA - First source for CS antimalarial	discrete	numeric
V1277	ml23a	Timing of start of other anti-malarial use	discrete	numeric
V1278	ml23b	NA - Number of days child took other anti-malarial	discrete	numeric
V1279	ml23c	NA - First source for other anti-malarial	discrete	numeric
V1280	ml24c	NA - First source for antibiotic pill/syrup	discrete	numeric

V1281	ml25a	Timing of start of artesunate	discrete	numeric
V1282	s412aa	Place for drugs: gov./parast. zonal referral specialized hospital	discrete	numeric
V1283	s412ab	Place for drugs: gov./parast. referral regional hospital	discrete	numeric
V1284	s412ac	Place for drugs: gov./parast. regional hospital	discrete	numeric
V1285	s412ad	Place for drugs: gov./parast. district hospital	discrete	numeric
V1286	s412ae	Place for drugs: gov./parast. health centre	discrete	numeric
V1287	s412af	Place for drugs: gov./parast. dispensary	discrete	numeric
V1288	s412ag	Place for drugs: gov./parast. clinic	discrete	numeric
V1289	s412ah	Place for drugs: gov./parast. CHW	discrete	numeric
V1290	s412ai	Place for drugs: rel./volunt. referral specialized hospital	discrete	numeric
V1291	s412aj	Place for drugs: rel./volunt. district hospital	discrete	numeric
V1292	s412ak	Place for drugs: rel./volunt. hospital	discrete	numeric
V1293	s412al	Place for drugs: rel./volunt. health centre	discrete	numeric
V1294	s412am	Place for drugs: rel./volunt. dispensary	discrete	numeric
V1295	s412an	Place for drugs: rel./volunt. clinic	discrete	numeric
V1296	s412ao	Place for drugs: priv. specialized hospital	discrete	numeric
V1297	s412ap	Place for drugs: priv. hospital	discrete	numeric
V1298	s412aq	Place for drugs: priv. health centre	discrete	numeric
V1299	s412ar	Place for drugs: priv. dispensary	discrete	numeric
V1300	s412as	Place for drugs: priv. clinic	discrete	numeric
V1301	s412at	Place for drugs: pharmacy	discrete	numeric
V1302	s412au	Place for drugs: ADDO	discrete	numeric
V1303	s412av	Place for drugs: NGO	discrete	numeric
V1304	s412ax	Place for drugs: other	discrete	numeric

## REC91

Content	WOMAN - Country specific variables
Cases	10018
Variable(s)	68
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1122	hhid	Case Identification	discrete	character	
V1123	caseid	Case Identification	discrete	character	
V1124	s104	Ever attended school	discrete	numeric	
V1125	s105	Highest level of school attended	discrete	numeric	
V1126	s106	Highest grade completed at that level	discrete	numeric	
V1127	s111	In past 6 month heard or seen messages about malaria	discrete	numeric	
V1128	s112a	Malaria message: On radio	discrete	numeric	
V1129	s112b	Malaria message: On television	discrete	numeric	
V1130	s112c	Malaria message: On poster or billboard	discrete	numeric	
V1131	s112d	Malaria message: From a community health worker	discrete	numeric	
V1132	s112e	Malaria message: At a community event	discrete	numeric	
V1133	s112f	Malaria message: Anywhere else	discrete	numeric	
V1134	s114g	Household owns: battery	discrete	numeric	
V1135	s114h	Household owns iron	discrete	numeric	
V1136	s501	Most serious health problem in your community	discrete	numeric	
V1137	s502a	Malaria symptoms in young child: fever	discrete	numeric	
V1138	s502b	Malaria symptoms in young child: feeling cold	discrete	numeric	
V1139	s502c	Malaria symptoms in young child: chills	discrete	numeric	
V1140	s502d	Malaria symptoms in young child: perspiration / sweating	discrete	numeric	
V1141	s502e	Malaria symptoms in young child: headache	discrete	numeric	
V1142	s502f	Malaria symptoms in young child: body aches	discrete	numeric	
V1143	s502g	Malaria symptoms in young child: poor appetite	discrete	numeric	
V1144	s502h	Malaria symptoms in young child: vomiting	discrete	numeric	
V1145	s502i	Malaria symptoms in young child: diarrhea	discrete	numeric	
V1146	s502j	Malaria symptoms in young child: weakness	discrete	numeric	
V1147	s502k	Malaria symptoms in young child: coughing	discrete	numeric	
V1148	s502l	Malaria symptoms in young child: convulsions	discrete	numeric	
V1149	s502x	Malaria symptoms in young child: other	discrete	numeric	

V1150	s502z	Malaria symptoms in young child: does not know any	discrete	numeric
V1151	s504a	Ways to avoid getting malaria: sleep under mosquito net	discrete	numeric
V1152	s504b	Ways to avoid getting malaria: use mosquito coils	discrete	numeric
V1153	s504c	Ways to avoid getting malaria: use insecticide spray	discrete	numeric
V1154	s504d	Ways to avoid getting malaria: indoor residual spraying (IRS)	discrete	numeric
V1155	s504e	Ways to avoid getting malaria: keep doors/windows closed	discrete	numeric
V1156	s504f	Ways to avoid getting malaria: use insect repellent	discrete	numeric
V1157	s504g	Ways to avoid getting malaria: keep surroundings clean	discrete	numeric
V1158	s504h	Ways to avoid getting malaria: cut the grass	discrete	numeric
V1159	s504i	Ways to avoid getting malaria: remove standing water	discrete	numeric
V1160	s504j	Ways to avoid getting malaria: intermittent preventive treatment (IPTP)	discrete	numeric
V1161	s504k	Ways to avoid getting malaria: house screening	discrete	numeric
V1162	s504x	Ways to avoid getting malaria: other	discrete	numeric
V1163	s504y	Ways to avoid getting malaria: no way to avoid getting malaria	discrete	numeric
V1164	s504z	Ways to avoid getting malaria: does not know any way to prevent malaria	discrete	numeric
V1165	s505	Can obtain ACTs at nearest health facility/pharmacy	discrete	numeric
V1166	s506a	Heard malaria prevention messages	discrete	numeric
V1167	s506b	Heard malaria treatment messages	discrete	numeric
V1168	s508a	Heard or seen phrase 'Malaria Haikubaliki' (Mainland only)	discrete	numeric
V1169	s508b	Heard or seen phrase 'Sio kila homa ni malaria' (Zanzibar only)	discrete	numeric
V1170	s508c	Heard or seen phrase 'Maliza Malaria'	discrete	numeric
V1171	s509a	Source malaria message: radio	discrete	numeric
V1172	s509b	Source malaria message: billboard	discrete	numeric
V1173	s509c	Source malaria message: poster	discrete	numeric
V1174	s509d	Source malaria message: T-shirt	discrete	numeric
V1175	s509e	Source malaria message: leaflet/fact sheet/brochure	discrete	numeric
V1176	s509f	Source malaria message: television	discrete	numeric
V1177	s509g	Source malaria message: mobile video UN	discrete	numeric
V1178	s509h	Source malaria message: school	discrete	numeric
V1179	s509i	Source malaria message: health care worker	discrete	numeric
V1180	s509j	Source malaria message: community event/presentation	discrete	numeric
V1181	s509k	Source malaria message: friend/neighbor/family member	discrete	numeric
V1182	s509x	Source malaria message: other	discrete	numeric
V1183	s509z	Source malaria message: don't know	discrete	numeric
V1184	s510	Visited by a health worker and talked about malaria in past 6 months	discrete	numeric
V1185	s512	Can easily protect myself and my children from malaria	discrete	numeric
V1186	s513	Can ensure my children sleep under a treated net every night	discrete	numeric
V1187	s514	Can easily hang my children's mosquito net	discrete	numeric
V1188	s515	Important to sleep under a net every night	discrete	numeric



V1189	s516	Pregnant women are at high risk of getting malaria	discrete	numeric
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## FWRECORD

Content	Fieldworker record
Cases	96
Variable(s)	23
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1190	fw101	Fieldworker code	contin	numeric	
V1191	fw000	Country code and phase	discrete	character	
V1192	fw102	Fieldworker region of residence	discrete	numeric	
V1193	fw103	Fieldworker type of place of residence	discrete	numeric	
V1194	fw104	Fieldworker age	contin	numeric	
V1195	fw105	Fieldworker sex	discrete	numeric	
V1196	fw106	Fieldworker marital status	discrete	numeric	
V1197	fw107	Fieldworker number of living children	discrete	numeric	
V1198	fw108	Fieldworker ever had a child who died	discrete	numeric	
V1199	fw109	Highest level of school attended by fieldworker	discrete	numeric	
V1200	fw110	Highest grade/form/year at that level completed by fieldworker	discrete	numeric	
V1201	fw111	Fieldworker religion	discrete	numeric	
V1202	fw112	Fieldworker ethnicity	discrete	numeric	
V1203	fw113	Fieldworker mother's tongue/native language	discrete	numeric	
V1204	fw114	Other languages spoken by fieldworker	discrete	character	
V1205	fw114a	Kiswahili A	discrete	character	
V1206	fw114b	English B	discrete	character	
V1207	fw114x	Other language	discrete	character	
V1208	fw114y	No other language	discrete	character	
V1209	fw115	Have fieldworker ever worked on TZMIS	discrete	numeric	
V1210	fw116	Have fieldworker ever worked on any other survey ( no MIS )	discrete	numeric	
V1211	fw117	Was fieldworker working for agency at the time employed for MIS	discrete	numeric	
V1212	fw118	Is fieldworker permanent or te temporary employed by agency	discrete	numeric	



## Case Identification (hhid)

File: RECH0

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Country code and phase (hv000)

File: RECH0

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

## Cluster number (hv001)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-442

## Household number (hv002)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-365

Respondent's line number (answering Household questionnaire)  
(hv003)

File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-15

## Ultimate area unit (hv004)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-442

Household sample weight (6 decimals) (hv005)  
 File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 0-7749622

Month of interview (hv006)  
 File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-12

Year of interview (hv007)  
 File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2017

Date of interview (CMC) (hv008)  
 File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1414-1416

Date of interview Century Day Code (CDC) (hv008a)  
 File: RECH0

**Overview**

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 43016-43089

## Number of household members (hv009)

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-38

## Number of eligible women in household (hv010)

File: RECH0

### Overview

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

## NA - Number of eligible men in household (hv011)

File: RECH0

### Overview

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

## Number of de jure members (hv012)

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-38

## Number of de facto members (hv013)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-38

## Number of children 5 and under (de jure) (hv014)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-13

## Result of household interview (hv015)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

## Day of interview (hv016)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

## Number of visits (hv017)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

## Interviewer identification (hv018)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 100-1605

## NA - Keyer identification (hv019)

File: RECH0

### Overview

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

## Ever-married sample (hv020)

File: RECH0

### Overview

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

## Primary sampling unit (hv021)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-442

## Sample strata for sampling errors (hv022)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Stratification used in sample design (hv023)

File: RECH0

### Overview



Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Region (hv024)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Type of place of residence (hv025)

File: RECH0

### Overview

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

## NA - Place of residence (hv026)

File: RECH0

### Overview

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

## NA - Household selected for male interview (hv027)

File: RECH0

### Overview

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

## NA - Household weight for male subsample (6 decimals) (hv028)

File: RECH0

### Overview

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

## Field supervisor (hv030)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 100-1600

## NA - Field editor (hv031)

File: RECH0

### Overview

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

## NA - Office editor (hv032)

File: RECH0

### Overview

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

## Number of eligible children for height and weight (hv035)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-12

## Cluster altitude in meters (hv040)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 5-9999

## NA - Total adults measured (hv041)

File: RECH0

**Overview**

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

## Household selected for hemoglobin (hv042)

File: RECH0

**Overview**

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

## NA - Household selected for Domestic Violence module (hv044)

File: RECH0

**Overview**

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

## Language of questionnaire (hv045a)

File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

## Language of interview (hv045b)

File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

## Native language of respondent (hv045c)

File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

Translator used (hv046)  
 File: RECH0

**Overview**

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

Time interview started (hhmm - 24 hour clock) (hv801)  
 File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 54-2354

Time interview ended (hhmm - 24 hour clock) (hv802)  
 File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 602-2253

Length of interview in minutes (hv803)  
 File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-97

Number of visits for biomarker (hv804)  
 File: RECH0

**Overview**

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

## Day of biomarker visit (hv807d)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

## Month of biomarker visit (hv807m)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-12

## Year of biomarker visit (hv807y)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2017

## Date of biomarker (CMC) (hv807c)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1414-1416

## Date of biomarker Century Day Code (CDC) (hv807a)

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 43017-43088

## Case Identification (hhid)

File: RECH1

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Line number (hvidx)

File: RECH1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-38

## Relationship to head (hv101)

File: RECH1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-98

## Usual resident (hv102)

File: RECH1

**Overview**

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

## Slept last night (hv103)

File: RECH1

**Overview**

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

## Sex of household member (hv104)

File: RECH1

**Overview**

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

Age of household members (hv105)

File: RECH1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-98

Eligibility for female interview (hv117)

File: RECH1

**Overview**

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



## Case Identification (hhid)

File: RECH2

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Source of drinking water (hv201)

File: RECH2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-96

## Source of non-drinking water (hv202)

File: RECH2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-99

## Time to get to water source (minutes) (hv204)

File: RECH2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-998

## Type of toilet facility (hv205)

File: RECH2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-96

## Has electricity (hv206)

File: RECH2

**Overview**

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

Has radio (hv207)  
 File: RECH2

**Overview**

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

Has television (hv208)  
 File: RECH2

**Overview**

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

Has refrigerator (hv209)  
 File: RECH2

**Overview**

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

Has bicycle (hv210)  
 File: RECH2

**Overview**

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

Has motorcycle/scooter (hv211)  
 File: RECH2

**Overview**

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

## Has car/truck (hv212)

File: RECH2

### Overview

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

## Main floor material (hv213)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-96

## Main wall material (hv214)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-96

## Main roof material (hv215)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-96

## Number of rooms used for sleeping (hv216)

File: RECH2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-23

## Relationship structure (hv217)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

## Line number of head of household (hv218)

File: RECH2

### Overview

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

## Sex of head of household (hv219)

File: RECH2

### Overview

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

## Age of head of household (hv220)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 14-98

## Has telephone (land-line) (hv221)

File: RECH2

### Overview

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

## Share toilet with other households (hv225)

File: RECH2

### Overview

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

## Type of cooking fuel (hv226)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-96

## Has mosquito bed net for sleeping (hv227)

File: RECH2

### Overview

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

## Children under 5 slept under mosquito bed net last night (hv228)

File: RECH2

### Overview

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

## Location of source for water (hv235)

File: RECH2

### Overview

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

## Number of households sharing toilet (hv238)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 2-98

## Has mobile telephone (hv243a)

File: RECH2

### Overview

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

## Has watch (hv243b)

File: RECH2

### Overview

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

## Has animal-drawn cart (hv243c)

File: RECH2

### Overview

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

## Has boat with a motor (hv243d)

File: RECH2

### Overview

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

Has a computer (hv243e)

File: RECH2

#### Overview

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

Owns land usable for agriculture (hv244)

File: RECH2

#### Overview

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

Hectares of agricultural land (1 decimal) (hv245)

File: RECH2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-998

Owns livestock, herds or farm animals (hv246)

File: RECH2

#### Overview

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

Owns cattle (hv246a)

File: RECH2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Owens cows/ bulls (hv246b)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Owens horses/ donkeys/ mules (hv246c)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Owens goats (hv246d)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Owens sheep (hv246e)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Owens chickens/poultry (hv246f)

File: RECH2

### Overview



Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Owens pigs (hv246g)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## NA - Owens CS (hv246h)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## NA - Owens CS (hv246i)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## NA - Owens CS (hv246j)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## NA - Owens CS (hv246k)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Has bank account (hv247)

File: RECH2

### Overview

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

## Wealth index combined (hv270)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

## Wealth index factor score combined (5 decimals) (hv271)

File: RECH2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -186700-351001

## Wealth index for urban/rural (hv270a)

File: RECH2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

## Wealth index factor score for urban/rural (5 decimals) (hv271a)

File: RECH2

### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -308440-527960

## Number of mosquito bed nets (hml1)

File: RECH2

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-98

## Number of mosquito bed nets with specific information (hml1a)

File: RECH2

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

## Number of children under mosquito bed net previous night (hml2)

File: RECH2

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-6

## Case Identification (hhid)

File: RECH3

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Household has: battery (sh114g)

File: RECH3

**Overview**

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

## Household has: iron (sh114h)

File: RECH3

**Overview**

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

## Eaves of the house (sh133a)

File: RECH3

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 11-13

## Material external windows: glass (sh133ba)

File: RECH3

**Overview**

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

## Material external windows: bags (sh133bb)

File: RECH3

**Overview**

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

Material external windows: wood (sh133bc)  
 File: RECH3

**Overview**

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

Material external windows: iron/metal (sh133bd)  
 File: RECH3

**Overview**

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

Material external windows: screens (sh133be)  
 File: RECH3

**Overview**

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

Material external windows: no window (sh133bf)  
 File: RECH3

**Overview**

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

Material external windows: other (sh133bx)  
 File: RECH3

**Overview**

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

## External windows (sh133c)

File: RECH3

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 11-14

## Screening on external windows (sh133d)

File: RECH3

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 11-96

## Tanzania mainland / Zanzibar (shreg1)

File: RECH3

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

## Zone (shreg2)

File: RECH3

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

## Mainland (shreg3)

File: RECH3

### Overview

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

Zanzibar (shreg4)

File: RECH3

#### Overview

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

## Case Identification (hhid)

File: RECH6

### Overview

Type: Discrete  
Format: character  
Width: 8

## Index to Household Schedule (hc0)

File: RECH6

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 2-33

## Child's age in months (hc1)

File: RECH6

### Overview

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

## Child's age in days (hc1a)

File: RECH6

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 0-1826

## Day of birth (hc16)

File: RECH6

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-98

## Date measured (day) (hc17)

File: RECH6



**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

Date measured (month) (hc18)

File: RECH6

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-12

Date measured (year) (hc19)

File: RECH6

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2017

Century Day Code (CDC) of measurement (hc20)

File: RECH6

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 43017-43088

Fieldworker measurer code (hc21)

File: RECH6

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 101-1605

Sex (hc27)

File: RECH6

**Overview**

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

## Month of birth (hc30)

File: RECH6

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-98

## Year of birth (hc31)

File: RECH6

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2012-9998

## Date of birth (CMC) (hc32)

File: RECH6

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1354-1416

## Century Day Code (CDC) of birth (hc32a)

File: RECH6

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 41201-43078

## Completeness of HC32 information (hc33)

File: RECH6

### Overview

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

Line number of parent/caretaker (hc51)

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Read consent statement - hemoglobin (hc52)

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Hemoglobin level (g/dl - 1 decimal) (hc53)

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 20-999

Result of measurement - hemoglobin (hc55)

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

Hemoglobin level adjusted for altitude (g/dl - 1 decimal) (hc56)

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 17-999

## Anemia level (hc57)

File: RECH6

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

## Mother's line number (woman's questionnaire) (hc60)

File: RECH6

### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-995

## Mother's highest educational level (hc61)

File: RECH6

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

## Mother's highest year of education (hc62)

File: RECH6

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Preceding birth interval (months) (hc63)

File: RECH6

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 8-999

Birth order number (hc64)

File: RECH6

**Overview**

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Mother's highest educational level (for preliminary and final report)  
(hc68)

File: RECH6

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-9

## Case Identification (hhid)

File: RECHML

### Overview

Type: Discrete  
Format: character  
Width: 8

## Mosquito Bed Net Designation Number (hmlidx)

File: RECHML

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-7

## Net observed by interviewer (hml3)

File: RECHML

### Overview

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

## Months ago net obtained (hml4)

File: RECHML

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-98

## NA - Net treated with insecticide when bought (hml5)

File: RECHML

### Overview

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

## NA - Net treatment status (hml6)

File: RECHML

**Overview**

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

Brand of net (hml7)  
 File: RECHML

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-98

Net treated since receiving (hml8)  
 File: RECHML

**Overview**

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

NA - Time since last re-treatment (months) (hml9)  
 File: RECHML

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 95-98

Insecticide-Treated Net (ITN) (hml10)  
 File: RECHML

**Overview**

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

Number of persons who slept under this net (hml11)  
 File: RECHML

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Someone slept under this net last night (hml21)

File: RECHML

#### Overview

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

Line number of person who slept in this net (hmla)

File: RECHML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-20

Line number of person who slept in this net (hmlb)

File: RECHML

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

Line number of person who slept in this net (hmlc)

File: RECHML

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-27

Line number of person who slept in this net (hml d)

File: RECHML

#### Overview



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

NA - Line number of person who slept in this net (hmle)

File: RECHML

#### Overview

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

Obtained net from campaign, antenatal or immunization visit (hml22)

File: RECHML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Place where net was obtained (hml23)

File: RECHML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-98

Observed color of mosquito net (sh121a)

File: RECHML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

Paid for net (sh127a)

File: RECHML

#### Overview

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

TSHS paid for net (sh127b)

File: RECHML

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 25-99999998

Reason nobody slept under net: no mosquitos (sh129ha)

File: RECHML

#### Overview

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

Reason nobody slept under net: no malaria now (sh129hb)

File: RECHML

#### Overview

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

Reason nobody slept under net: too hot (sh129hc)

File: RECHML

#### Overview

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

Reason nobody slept under net: don't like smell (sh129hd)

File: RECHML

#### Overview

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

Reason nobody slept under net: feel closed in/afraid (sh129he)

File: RECHML

#### Overview

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

Reason nobody slept under net: net too old/torn (sh129hf)

File: RECHML

#### Overview

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

Reason nobody slept under net: net too dirty (sh129hg)

File: RECHML

#### Overview

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

Reason nobody slept under net: net not available last night/net being washed (sh129hh)

File: RECHML

#### Overview

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

Reason nobody slept under net: usual user(s) did not sleep here last night (sh129hi)

File: RECHML

**Overview**

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

Reason nobody slept under net: net too small (sh129hj)

File: RECHML

**Overview**

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

Reason nobody slept under net: saving net for later (sh129hk)

File: RECHML

**Overview**

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

Reason nobody slept under net: no longer kills/repels mosquitos (sh129hl)

File: RECHML

**Overview**

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

Reason nobody slept under net:: other (sh129hx)

File: RECHML

**Overview**

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

Reason nobody slept under net: don't know (sh129hz)

File: RECHML

**Overview**

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

## Case Identification (hhid)

File: RECHMH

### Overview

Type: Discrete  
Format: character  
Width: 8

## Index to Household Schedule (hmhidx)

File: RECHMH

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-38

## Type of Mosquito Bed Net(s) person slept under last night (hml12)

File: RECHMH

### Overview

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

## Net Designation Number (HMLIDX) for 1st net person slept under last night (hml13)

File: RECHMH

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

## Net Designation Number (HMLIDX) for 2nd net person slept under last night (hml14)

File: RECHMH

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-7

NA - Net Designation Number (HMLIDX) for 3rd net person slept under last night (hml15)

File: RECHMH

#### Overview

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

Corrected age from Individual file (hml16)

File: RECHMH

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-98

Age in months (for children) (hml16a)

File: RECHMH

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 6-59

Flag for age from Individual file (hml17)

File: RECHMH

#### Overview

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

Pregnancy status from Individual file (hml18)

File: RECHMH

#### Overview

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

## Person slept under an ever-treated net (hml19)

File: RECHMH

### Overview

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

## Person slept under an LLIN net (hml20)

File: RECHMH

### Overview

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

## Line number of parent/caretaker (for malaria testing) (hml30)

File: RECHMH

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-22

## Read consent statement for malaria (hml31)

File: RECHMH

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-6

## NA - Final result of malaria from blood smear test (hml32)

File: RECHMH

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7



## NA - Presence of species: falciparum (Pf) (hml32a)

File: RECHMH

**Overview**

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

## NA - Presence of species: malariae (Pm) (hml32b)

File: RECHMH

**Overview**

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

## NA - Presence of species: ovale (Po) (hml32c)

File: RECHMH

**Overview**

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

## NA - Presence of species: vivax (Pv) (hml32d)

File: RECHMH

**Overview**

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

## NA - Presence of species: CS (hml32e)

File: RECHMH

**Overview**

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

## NA - Presence of species: CS (hml32f)

File: RECHMH

**Overview**

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

## NA - Presence of species: CS (hml32g)

File: RECHMH

**Overview**

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

## Result of malaria measurement (hml33)

File: RECHMH

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-6

## NA - Bar code for blood smear sample (hml34)

File: RECHMH

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Result of malaria rapid test (hml35)

File: RECHMH

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

## Fieldworker measurer code for malaria (hml36)

File: RECHMH

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 101-1605

Illness or symptoms: extreme weakness (sb118a)  
 File: RECHMH

**Overview**

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

Illness or symptoms: heart problems (sb118b)  
 File: RECHMH

**Overview**

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

Illness or symptoms: loss of consciousness (sb118c)  
 File: RECHMH

**Overview**

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

Illness or symptoms: rapid breathing (sb118d)  
 File: RECHMH

**Overview**

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

Illness or symptoms: seizures (sb118e)  
 File: RECHMH

**Overview**

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

Illness or symptoms: abnormal bleeding (sb118f)

File: RECHMH

#### Overview

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

Illness or symptoms: jaundice or yellow skin (sb118g)

File: RECHMH

#### Overview

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

Illness or symptoms: dark urine (sb118h)

File: RECHMH

#### Overview

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

Taken ACT for malaria treatment in the past two weeks (sb121)

File: RECHMH

#### Overview

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

Accepted medicine (sb125)

File: RECHMH

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-6

## Case Identification (hhid)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Country code and phase (v000)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

## Cluster number (v001)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-442

## Household number (v002)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-365

## Respondent's line number (v003)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-27

## Ultimate area unit (v004)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-442

## Women's individual sample weight (6 decimals) (v005)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 0-7941831

## Month of interview (v006)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-12

## Year of interview (v007)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2017

## Date of interview (CMC) (v008)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1414-1416

## Date of interview Century Day Code (CDC) (v008a)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 43016-43099

## Respondent's month of birth (v009)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-12

## Respondent's year of birth (v010)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1967-2002

## Date of birth (CMC) (v011)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 815-1236

## Respondent's current age (v012)

File: REC01

### Overview



Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 15-49

## Age in 5-year groups (v013)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

## Completeness of age information (v014)

File: REC01

### Overview

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

## Result of individual interview (v015)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

## Day of interview (v016)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

## Ever-married sample (v020)

File: REC01

### Overview

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

## Primary sampling unit (v021)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-442

## Sample strata for sampling errors (v022)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Stratification used in sample design (v023)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Region (v024)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Type of place of residence (v025)

File: REC01

### Overview

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

## NA - De facto place of residence (v026)

File: REC01

### Overview

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

## Number of visits (v027)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

## Interviewer identification (v028)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 100-1605

## NA - Keyer identification (v029)

File: REC01

### Overview

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

## Field supervisor (v030)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 100-1600

## NA - Field editor (v031)

File: REC01

### Overview

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

## NA - Office editor (v032)

File: REC01

### Overview

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

## NA - Line number of husband (v034)

File: REC01

### Overview

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

## Cluster altitude in meters (v040)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 5-9999

## Household selected for hemoglobin (v042)

File: REC01

### Overview

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

## Language of questionnaire (v045a)

File: REC01

### Overview

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

## Language of interview (v045b)

File: REC01

### Overview

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

## Native language of respondent (v045c)

File: REC01

### Overview

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

## Translator used (v046)

File: REC01

### Overview

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

## Case Identification (hhid)

File: REC11

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC11

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Region (v101)

File: REC11

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Type of place of residence (v102)

File: REC11

**Overview**

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

## Highest educational level (v106)

File: REC11

**Overview**

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

## Highest year of education (v107)

File: REC11

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-11

## Source of drinking water (v113)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-97

## Time to get to water source (v115)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-998

## Type of toilet facility (v116)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-97

## Household has: electricity (v119)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

## Household has: radio (v120)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

Household has: television (v121)

File: REC11

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

Household has: refrigerator (v122)

File: REC11

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

Household has: bicycle (v123)

File: REC11

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

Household has: motorcycle/scooter (v124)

File: REC11

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

Household has: car/truck (v125)

File: REC11

#### Overview



Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

## Main floor material (v127)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-97

## Main wall material (v128)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-97

## Main roof material (v129)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-97

## Education in single years (v133)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Usual resident or visitor (v135)

File: REC11

### Overview

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

## Number of household members (listed) (v136)

File: REC11

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-38

## Number of children 5 and under in household (de jure) (v137)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-13

## Number of eligible women in household (de facto) (v138)

File: REC11

### Overview

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

## De jure region of residence (v139)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-97

## De jure type of place of residence (v140)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

## Educational attainment (v149)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-5

## Relationship to household head (v150)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-98

## Sex of household head (v151)

File: REC11

### Overview

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

## Age of household head (v152)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 16-98

## Household has: telephone (land-line) (v153)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

## Literacy (v155)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-4

## Toilet facilities shared with other households (v160)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

## Type of cooking fuel (v161)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-97

## Wealth index combined (v190)

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

## Wealth index factor score combined (5 decimals) (v191)

File: REC11

### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -163153-333679

## Wealth index for urban/rural (v190a)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

## Wealth index factor score for urban/rural (5 decimals) (v191a)

File: REC11

### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -282766-504451

## Type of mosquito bed net(s) slept under last night (ml101)

File: REC11

### Overview

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

## Case Identification (hhid)

File: REC21

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC21

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Birth column number (bidx)

File: REC21

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

## Birth order number (bord)

File: REC21

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-16

## Child is twin (b0)

File: REC21

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

## Month of birth (b1)

File: REC21

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-12

## Year of birth (b2)

File: REC21

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2011-2017

## Date of birth (CMC) (b3)

File: REC21

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1344-1416

## Sex of child (b4)

File: REC21

### Overview

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

## Child is alive (b5)

File: REC21

### Overview

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

## Current age of child (b8)

File: REC21

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

## Child lives with whom (b9)

File: REC21

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-4

## Completeness of information (b10)

File: REC21

### Overview

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

## Preceding birth interval (months) (b11)

File: REC21

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 8-69

## Succeeding birth interval (months) (b12)

File: REC21

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 8-69

## Live birth between births (b15)

File: REC21

### Overview



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

## Child's line number in household (b16)

File: REC21

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-33

## Day of birth (b17)

File: REC21

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

## Century Day Code of birth (CDC) (b18)

File: REC21

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 40886-43078

## Current age of child in months (months since birth for dead children) (b19)

File: REC21

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-71

## Case Identification (hhid)

File: REC22

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC22

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Total children ever born (v201)

File: REC22

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-16

## Sons at home (v202)

File: REC22

**Overview**

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

## Daughters at home (v203)

File: REC22

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

## Sons elsewhere (v204)

File: REC22

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

## Daughters elsewhere (v205)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-6

## Sons who have died (v206)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

## Daughters who have died (v207)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

## Births in last five years (v208)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-4

## Births in past year (v209)

File: REC22

### Overview

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

## Births in month of interview (v210)

File: REC22

### Overview

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

## Currently pregnant (v213)

File: REC22

### Overview

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

## Duration of current pregnancy (v214)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-10

## Number of living children (v218)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-5

## Living children + current pregnancy (v219)

File: REC22

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

## Living children + current pregnancy (grouped) (v220)

File: REC22

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-6

## Last birth to interview (months) (v222)

File: REC22

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-70

## Completeness of current pregnancy information (v223)

File: REC22

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## Entries in birth history (v224)

File: REC22

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

## Birth between last and interview (v237)

File: REC22

### Overview

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

## Births in last three years (v238)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-4

## Case Identification (hhid)

File: REC41

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC41

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to Birth History (midx)

File: REC41

**Overview**

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

## Prenatal: doctor (m2a)

File: REC41

**Overview**

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

## Prenatal: nurse/midwife (m2b)

File: REC41

**Overview**

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

## Prenatal: auxiliary midwife (m2c)

File: REC41

**Overview**

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

NA - Prenatal: CS health professional (m2d)

File: REC41

#### Overview

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

NA - Prenatal: CS health professional (m2e)

File: REC41

#### Overview

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

NA - Prenatal: CS health professional (m2f)

File: REC41

#### Overview

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

Prenatal: traditional birth attendant (m2g)

File: REC41

#### Overview

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

Prenatal: community/village health worker (m2h)

File: REC41

#### Overview



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

NA - Prenatal: CS other person (m2i)

File: REC41

#### Overview

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

NA - Prenatal: CS other person (m2j)

File: REC41

#### Overview

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

NA - Prenatal: other (m2k)

File: REC41

#### Overview

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

Prenatal: CS other (m2l)

File: REC41

#### Overview

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

NA - Prenatal: CS other (m2m)

File: REC41

#### Overview

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

Prenatal: no one (m2n)

File: REC41

#### Overview

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

Number of antenatal visits during pregnancy (m14)

File: REC41

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

During pregnancy took: SP/fansidar for malaria (m49a)

File: REC41

#### Overview

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

NA - During pregnancy took: chloroquine for malaria (m49b)

File: REC41

#### Overview

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

NA - During pregnancy took: CS drug for malaria (m49c)

File: REC41

#### Overview

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

## NA - During pregnancy took: CS drug for malaria (m49d) File: REC41

### Overview

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

## NA - During pregnancy took: CS drug for malaria (m49e) File: REC41

### Overview

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

## NA - During pregnancy took: CS drug for malaria (m49f) File: REC41

### Overview

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

## NA - During pregnancy took: CS drug for malaria (m49g) File: REC41

### Overview

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

## NA - During pregnancy took: other drug for malaria (m49x) File: REC41

### Overview

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

NA - During pregnancy took: don't know (m49z)

File: REC41

#### Overview

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

NA - During pregnancy took: no drug for malaria (m49y)

File: REC41

#### Overview

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

Received bed net at antenatal care visit during pregnancy (s303b)

File: REC41

#### Overview

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

Bought SP/Fansidar or given for free (s306a)

File: REC41

#### Overview

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

Amount paid for SP/Fansidar (s306b)

File: REC41

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 150-99999998

## Way of payment (s306c)

File: REC41

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

## Reason not taking SP/Fansidar: none available at facility (s306da)

File: REC41

### Overview

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

## Reason not taking SP/Fansidar: provider did not offer medicine (s306db)

File: REC41

### Overview

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

## Reason not taking SP/Fansidar: provider refused to give medicine (s306dc)

File: REC41

### Overview

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

Reason not taking SP/Fansidar: no water at facility to take with med (s306dd)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: no cup at facility to drink water (s306de)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: afraid of effects on my health (s306df)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: afraid of effects on baby's health (s306dg)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: had not eaten before (s306dh)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: afraid of vomiting (s306di)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: I didn't have money to pay the SP (s306dj)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: taking SEPTRIM (s306dk)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: other (s306dx)

File: REC41

#### Overview

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

Reason not taking SP/Fansidar: don't know (s306dz)

File: REC41

#### Overview

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

## Case Identification (hhid)

File: REC42

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC42

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Entries in pregnancy and postnatal care roster (v417)

File: REC42

**Overview**

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

## Entries in child health roster (v418a)

File: REC42

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-4

## Entries in height/weight roster (v419)

File: REC42

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-4

## Have mosquito bed net for sleeping (from household questionnaire) (v459)

File: REC42



**Overview**

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

Children under 5 slept under mosquito bed net last night (household questionnaire (v460)

File: REC42

**Overview**

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

Respondent slept under mosquito bed net (v461)

File: REC42

**Overview**

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

Record for Last Birth (v468)

File: REC42

**Overview**

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

## Case Identification (hhid)

File: REC4A

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC4A

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to birth history (hidxa)

File: REC4A

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

## Had fever in last two weeks (h22)

File: REC4A

**Overview**

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

## NA - Had cough in last two weeks (h31)

File: REC4A

**Overview**

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

## Fever/cough: public zonal/referral/specialized hospital (h32a)

File: REC4A

**Overview**

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

Fever/cough: public referral regional hospital (h32b)

File: REC4A

#### Overview

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

Fever/cough: public regional hospital (h32c)

File: REC4A

#### Overview

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

Fever/cough: public district hospital (h32d)

File: REC4A

#### Overview

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

Fever/cough: public health centre (h32e)

File: REC4A

#### Overview

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

Fever/cough: public dispensary (h32f)

File: REC4A

#### Overview

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

Fever/cough: public clinic (h32g)

File: REC4A

#### Overview

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

Fever/cough: public CHW (h32h)

File: REC4A

#### Overview

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

NA - Fever/cough: CS public sector (h32i)

File: REC4A

#### Overview

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

Fever/cough: private hospital (h32j)

File: REC4A

#### Overview

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

Fever/cough: private pharmacy (h32k)

File: REC4A

#### Overview

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

NA - Fever/cough: private doctor (h32l)

File: REC4A

#### Overview

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

Fever/cough: private specialized hospital (h32m)

File: REC4A

#### Overview

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

Fever/cough: private health centre (h32n)

File: REC4A

#### Overview

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

Fever/cough: private dispensary (h32o)

File: REC4A

#### Overview

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

Fever/cough: private clinic (h32p)

File: REC4A

#### Overview

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

NA - Fever/cough: CS private medical (h32q)

File: REC4A

#### Overview

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

NA - Fever/cough: CS private medical (h32r)

File: REC4A

#### Overview

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

Fever/cough: ADDO (h32s)

File: REC4A

#### Overview

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

Fever/cough: NGO (h32t)

File: REC4A

#### Overview

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

Fever/cough: Religious/voluntary combined (h32u)

File: REC4A

#### Overview

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

NA - Fever/cough: CS other sector (h32v)

File: REC4A

#### Overview

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

NA - Fever/cough: CS other sector (h32w)

File: REC4A

#### Overview

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

Fever/cough: other (h32x)

File: REC4A

#### Overview

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

Fever/cough: no treatment (h32y)

File: REC4A

#### Overview

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

Fever/cough: medical treatment (h32z)

File: REC4A

#### Overview

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

Place first sought treatment for fever (h46a)

File: REC4A

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-96

Number of days after fever began sought advice or treatment (h46b)

File: REC4A

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

Blood taken from child's finger/heel for testing (h47)

File: REC4A

#### Overview

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

Sought advice or treatment for illness from any source (s406)

File: REC4A

#### Overview

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

Fever/cough: religious voluntary referral specialized hospital (s407i)

File: REC4A

#### Overview



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

Fever/cough: religious.voluntary district hospital (s407j)

File: REC4A

#### Overview

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

Fever/cough: religious voluntary hospital (s407k)

File: REC4A

#### Overview

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

Fever/cough: religious voluntary health centre (s407l)

File: REC4A

#### Overview

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

Fever/cough: religious voluntary dispensary (s407m)

File: REC4A

#### Overview

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

Fever/cough: rel.vol. clinic (s407n)

File: REC4A

#### Overview

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

## Paid for advice/treatment (s407a)

File: REC4A

### Overview

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

## Amount paid (s407b)

File: REC4A

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 100-99999998

## Way of payment (s407c)

File: REC4A

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

## Case Identification (hhid)

File: REC44

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC44

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to Birth History (hwidx)

File: REC44

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

## Child's age in months (hw1)

File: REC44

**Overview**

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

## Day of birth of child (hw16)

File: REC44

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-98

## Date measured (day) (hw17)

File: REC44

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-31

Date measured (month) (hw18)

File: REC44

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-12

Date measured (year) (hw19)

File: REC44

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2017

Line number of parent/caretaker (hw51)

File: REC44

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Read consent statement - hemoglobin (hw52)

File: REC44

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Hemoglobin level (g/dl - 1 decimal) (hw53)

File: REC44

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 20-999

## Result of measurement - hemoglobin (hw55)

File: REC44

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-9

## Hemoglobin level adjusted for altitude (g/dl - 1 decimal) (hw56)

File: REC44

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 17-9999

## Anemia level (hw57)

File: REC44

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

## Case Identification (hhid)

File: REC81

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC81

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Time interview started (hhmm - 24 hour clock) (v801)

File: REC81

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 604-2254

## Time interview ended (hhmm - 24 hour clock) (v802)

File: REC81

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 615-2257

## Length of interview in minutes (v803)

File: REC81

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-97

## Number of visits (v804)

File: REC81

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

## Interviewer identification (v805)

File: REC81

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 100-1605

## Case Identification (hhid)

File: RECML

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: RECML

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to Birth History (idxml)

File: RECML

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

## Type of mosquito bed net(s) child slept under last night (ml0)

File: RECML

**Overview**

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

## Number of times took fansidar during pregnancy (ml1)

File: RECML

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-98

## Source of antimalarial during pregnancy (ml2)

File: RECML

**Overview**



Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

NA - Child has fever/cough now (ml11)

File: RECML

#### Overview

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

NA - Child has had convulsions in last 2 weeks (ml12)

File: RECML

#### Overview

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

Fansidar taken for fever (ml13a)

File: RECML

#### Overview

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

Chloroquine taken for fever (ml13b)

File: RECML

#### Overview

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

Amodiaquine taken for fever (ml13c)

File: RECML

#### Overview

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

## Quinine taken for fever (ml13d)

File: RECML

### Overview

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

## Quinine injection/IV taken for fever (ml13da)

File: RECML

### Overview

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

## Combination with artemisinin taken for fever (ml13e)

File: RECML

### Overview

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

## Artesunate rectal taken for fever (ml13aa)

File: RECML

### Overview

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

## Artesunate injection/IV taken for fever (ml13ab)

File: RECML

### Overview

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

## NA - CS antimalarial taken for fever (ml13f)

File: RECML

### Overview

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

## NA - CS antimalarial taken for fever (ml13g)

File: RECML

### Overview

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

## Other antimalarial taken for fever (ml13h)

File: RECML

### Overview

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

## Antibiotic pill/syrup taken for fever (ml13i)

File: RECML

### Overview

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

## Antibiotic injection taken for fever (ml13j)

File: RECML

### Overview

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

## Aspirin taken for fever (ml13k)

File: RECML

### Overview

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

## Acetaminophen/paracetamol/panadol taken for fever (ml13l)

File: RECML

### Overview

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

## Ibuprofen taken for fever (ml13m)

File: RECML

### Overview

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

## NA - CS other taken for fever (ml13n)

File: RECML

### Overview

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

## NA - CS other taken for fever (ml13o)

File: RECML

### Overview

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

NA - CS other taken for fever (ml13p)

File: RECML

#### Overview

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

Other taken for fever (ml13x)

File: RECML

#### Overview

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

Nothing taken and didn't seek treatment for fever/cough (ml13y)

File: RECML

#### Overview

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

Don't know if or what was taken for fever (ml13z)

File: RECML

#### Overview

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

NA - Injection given for fever/convulsion\*\*\* (ml14a)

File: RECML

#### Overview

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

NA - Suppository given for fever/convulsion\*\*\* (ml14b)

File: RECML

#### Overview

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

NA - No suppository or injection given for fever/convulsion\*\*\* (ml14y)

File: RECML

#### Overview

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

NA - Don't know if suppository or injection given for fever/convulsion\*\*\* (ml14z)

File: RECML

#### Overview

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

Timing of start of fansidar (ml15a)

File: RECML

#### Overview

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

NA - Number of days child took fansidar (ml15b)

File: RECML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## NA - First source for fansidar (ml15c)

File: RECML

### Overview

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

## Timing of start of chloroquine (ml16a)

File: RECML

### Overview

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

## NA - Number of days child took chloroquine (ml16b)

File: RECML

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## NA - First source for chloroquine (ml16c)

File: RECML

### Overview

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

## Timing of start of amodiaquine (ml17a)

File: RECML

### Overview

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

## NA - Number of days child took amodiaquine (ml17b)

File: RECML

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## NA - First source for amodiaquine (ml17c)

File: RECML

### Overview

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

## Timing of start of quinine (ml18a)

File: RECML

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

## NA - Number of days child took quinine (ml18b)

File: RECML

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## NA - First source for quinine (ml18c)

File: RECML

### Overview



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

NA - For fever/convulsion: consulted traditional healer\*\*\* (ml19a)

File: RECML

#### Overview

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

NA - For fever/convulsion: gave tepid sponging\*\*\* (ml19b)

File: RECML

#### Overview

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

NA - For fever/convulsion: gave herbs\*\*\* (ml19c)

File: RECML

#### Overview

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

NA - For fever/convulsion: CS\*\*\* (ml19d)

File: RECML

#### Overview

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

NA - For fever/convulsion: CS\*\*\* (ml19e)

File: RECML

#### Overview

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

NA - For fever/convulsion: CS\*\*\* (ml19f)

File: RECML

#### Overview

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

NA - For fever/convulsion: other\*\*\* (ml19x)

File: RECML

#### Overview

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

NA - For fever/convulsion: gave/did nothing\*\*\* (ml19y)

File: RECML

#### Overview

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

NA - For fever/convulsion: don't know if something else was done\*\*\* (ml19z)

File: RECML

#### Overview

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

Timing of start of combination with artemisinin (ml20a)

File: RECML

#### Overview

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

NA - Number of days child took combination with artemisinin (ml20b)

File: RECML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

NA - First source for combination with artemisinin (ml20c)

File: RECML

#### Overview

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

NA - Timing of start of CS antimalarial use (ml21a)

File: RECML

#### Overview

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

NA - Number of days child took CS antimalarial (ml21b)

File: RECML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

NA - First source for CS antimalarial (ml21c)

File: RECML

#### Overview

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

## NA - Timing of start of CS antimalarial use (ml22a)

File: RECML

### Overview

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

## NA - Number of days child took CS antimalarial (ml22b)

File: RECML

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## NA - First source for CS antimalarial (ml22c)

File: RECML

### Overview

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

## Timing of start of other anti-malarial use (ml23a)

File: RECML

### Overview

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

## NA - Number of days child took other anti-malarial (ml23b)

File: RECML

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-8

## NA - First source for other anti-malarial (ml23c)

File: RECML

### Overview

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

## NA - First source for antibiotic pill/syrup (ml24c)

File: RECML

### Overview

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

## Timing of start of artesunate (ml25a)

File: RECML

### Overview

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

## Place for drugs: gov./parast. zonal referral specialized hospital (s412aa)

File: RECML

### Overview

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

## Place for drugs: gov./parast. referral regional hospital (s412ab)

File: RECML

### Overview

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

Place for drugs: gov./parast. regional hospital (s412ac)

File: RECML

#### Overview

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

Place for drugs: gov./parast. district hospital (s412ad)

File: RECML

#### Overview

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

Place for drugs: gov./parast. health centre (s412ae)

File: RECML

#### Overview

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

Place for drugs: gov./parast. dispensary (s412af)

File: RECML

#### Overview

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

Place for drugs: gov./parast. clinic (s412ag)

File: RECML

#### Overview

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

Place for drugs: gov./parast. CHW (s412ah)

File: RECML

#### Overview

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

Place for drugs: rel./volunt. referral specialized hospital (s412ai)

File: RECML

#### Overview

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

Place for drugs: rel./volunt. district hospital (s412aj)

File: RECML

#### Overview

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

Place for drugs: rel./volunt. hospital (s412ak)

File: RECML

#### Overview

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

Place for drugs: rel./volunt. health centre (s412al)

File: RECML

#### Overview

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

Place for drugs: rel./volunt. dispensary (s412am)

File: RECML

#### Overview

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

Place for drugs: rel./volunt. clinic (s412an)

File: RECML

#### Overview

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

Place for drugs: priv. specialized hospital (s412ao)

File: RECML

#### Overview

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

Place for drugs: priv. hospital (s412ap)

File: RECML

#### Overview

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

Place for drugs: priv. health centre (s412aq)

File: RECML

#### Overview



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

Place for drugs: priv. dispensary (s412ar)

File: RECML

#### Overview

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

Place for drugs: priv. clinic (s412as)

File: RECML

#### Overview

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

Place for drugs: pharmacy (s412at)

File: RECML

#### Overview

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

Place for drugs: ADDO (s412au)

File: RECML

#### Overview

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

Place for drugs: NGO (s412av)

File: RECML

#### Overview

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

Place for drugs: other (s412ax)

File: RECML

#### Overview

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

## Case Identification (hhid)

File: REC91

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC91

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Ever attended school (s104)

File: REC91

**Overview**

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

## Highest level of school attended (s105)

File: REC91

**Overview**

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

## Highest grade completed at that level (s106)

File: REC91

**Overview**

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

## In past 6 month heard or seen messages about malaria (s111)

File: REC91

**Overview**

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

## Malaria message: On radio (s112a)

File: REC91

### Overview

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

## Malaria message: On television (s112b)

File: REC91

### Overview

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

## Malaria message: On poster or billboard (s112c)

File: REC91

### Overview

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

## Malaria message: From a community health worker (s112d)

File: REC91

### Overview

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

## Malaria message: At a community event (s112e)

File: REC91

### Overview

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

## Malaria message: Anywhere else (s112f)

File: REC91

### Overview

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

## Household owns: battery (s114g)

File: REC91

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

## Household owns iron (s114h)

File: REC91

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

## Most serious health problem in your community (s501)

File: REC91

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-98

## Malaria symptoms in young child: fever (s502a)

File: REC91

### Overview

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

## Malaria symptoms in young child: feeling cold (s502b)

File: REC91

### Overview

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

## Malaria symptoms in young child: chills (s502c)

File: REC91

### Overview

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

## Malaria symptoms in young child: perspiration / sweating (s502d)

File: REC91

### Overview

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

## Malaria symptoms in young child: headache (s502e)

File: REC91

### Overview

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

## Malaria symptoms in young child: body aches (s502f)

File: REC91

### Overview

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

## Malaria symptoms in young child: poort appetite (s502g)

File: REC91

### Overview

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

## Malaria symptoms in young child: vomiting (s502h)

File: REC91

### Overview

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

## Malaria symptoms in young child: diarrhea (s502i)

File: REC91

### Overview

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

## Malaria symptoms in young child: weakness (s502j)

File: REC91

### Overview

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

## Malaria symptoms in young child: coughing (s502k)

File: REC91

### Overview

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

## Malaria symptoms in young child: convulsions (s502l)

File: REC91

### Overview

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

## Malaria symptoms in young child: other (s502x)

File: REC91

### Overview

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

## Malaria symptoms in young child: does not know any (s502z)

File: REC91

### Overview

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

## Ways to avoid getting malaria: sleep under mosquito net (s504a)

File: REC91

### Overview

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

## Ways to avoid getting malaria: use mosquito coils (s504b)

File: REC91

### Overview



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

Ways to avoid getting malaria: use isecticide spray (s504c)

File: REC91

#### Overview

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

Ways to avoid getting malaria: indoor residual spraying (IRS) (s504d)

File: REC91

#### Overview

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

Ways to avoid getting malaria: keep doors/windows closed (s504e)

File: REC91

#### Overview

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

Ways to avoid getting malaria: use insect repellent (s504f)

File: REC91

#### Overview

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

Ways to avoid getting malaria: keep surroundings clean (s504g)

File: REC91

#### Overview

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

## Ways to avoid getting malaria: cut the grass (s504h)

File: REC91

### Overview

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

## Ways to avoid getting malaria: remove standing water (s504i)

File: REC91

### Overview

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

## Ways to avoid getting malaria: intermittend preventive treatment (IPTP) (s504j)

File: REC91

### Overview

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

## Ways to avoid getting malaria: house screening (s504k)

File: REC91

### Overview

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

## Ways to avoid getting malaria: other (s504x)

File: REC91

### Overview

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

Ways to avoid getting malaria: no way to avoid getting malaria  
 (s504y)

File: REC91

#### Overview

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

Ways to avoid getting malaria: does not know any way to prevent  
 malaria (s504z)

File: REC91

#### Overview

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

Can obtain ACTs at nearest health facility/pharmacy (s505)

File: REC91

#### Overview

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

Heard malaria prevention messages (s506a)

File: REC91

#### Overview

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

Heard malaria treatment messages (s506b)

File: REC91

**Overview**

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

Heard or seen phrase 'Malaria Haikubaliki' (Mainland only) (s508a)  
 File: REC91

**Overview**

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

Heard or seen phrase 'Sio kila homa ni malaria' (Zanzibar only) (s508b)  
 File: REC91

**Overview**

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

Heard or seen phrase 'Maliza Malaria' (s508c)  
 File: REC91

**Overview**

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

Source malaria message: radio (s509a)  
 File: REC91

**Overview**

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

Source malaria message: billboard (s509b)  
 File: REC91

**Overview**

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

Source malaria message: poster (s509c)  
 File: REC91

**Overview**

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

Source malaria message: T-shirt (s509d)  
 File: REC91

**Overview**

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

Source malaria message: leaflet/fact sheet/brochure (s509e)  
 File: REC91

**Overview**

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

Source malaria message: television (s509f)  
 File: REC91

**Overview**

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

Source malaria message: mobile video UN (s509g)  
 File: REC91

**Overview**

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

Source malaria message: school (s509h)

File: REC91

#### Overview

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

Source malaria message: health care worker (s509i)

File: REC91

#### Overview

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

Source malaria message: community event/presentation (s509j)

File: REC91

#### Overview

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

Source malaria message: friend/neighbor/family member (s509k)

File: REC91

#### Overview

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

Source malaria message: other (s509x)

File: REC91

#### Overview

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

Source malaria message: don't know (s509z)

File: REC91

#### Overview

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

Visited by a health worker and talked about malaria in past 6 months (s510)

File: REC91

#### Overview

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

Can easily protect myself and my children from malaria (s512)

File: REC91

#### Overview

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

Can ensure my children sleep under a treated net every night (s513)

File: REC91

#### Overview

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

Can easily hang my children's mosquito net (s514)

File: REC91

#### Overview

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

Important to sleep under a net every night (s515)

File: REC91

#### Overview

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

Pregnant women are at high risk of getting malaria (s516)

File: REC91

#### Overview

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



## Fieldworker code (fw101)

File: FWRECORD

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 100-1605

## Country code and phase (fw000)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

## Fieldworker region of residence (fw102)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-55

## Fieldworker type of place of residence (fw103)

File: FWRECORD

**Overview**

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

## Fieldworker age (fw104)

File: FWRECORD

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 22-63

## Fieldworker sex (fw105)

File: FWRECORD

**Overview**

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

Fieldworker marital status (fw106)  
 File: FWRECORD

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

Fieldworker number of living children (fw107)  
 File: FWRECORD

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Fieldworker ever had a child who died (fw108)  
 File: FWRECORD

**Overview**

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

Highest level of school attended by fieldworker (fw109)  
 File: FWRECORD

**Overview**

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

Highest grade/form/year at that level completed by fieldworker (fw110)  
 File: FWRECORD

**Overview**

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

Fieldworker religion (fw111)

File: FWRECORD

**Overview**

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

Fieldworker ethnicity (fw112)

File: FWRECORD

**Overview**

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

Fieldworker mother's tongue/native language (fw113)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-96

Other languages spoken by fieldworker (fw114)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

Kiswahili A (fw114a)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

English B (fw114b)

File: FWRECORD

#### Overview

Type: Discrete  
Format: character  
Width: 1

Other language (fw114x)

File: FWRECORD

#### Overview

Type: Discrete  
Format: character  
Width: 1

No other language (fw114y)

File: FWRECORD

#### Overview

Type: Discrete  
Format: character  
Width: 1

Have fieldworker ever worked on TZMIS (fw115)

File: FWRECORD

#### Overview

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

Have fieldworker ever worked on any other survey ( no MIS ) (fw116)

File: FWRECORD

#### Overview

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

Was fieldworker working for agency at the time employed for MIS (fw117)

File: FWRECORD

#### Overview

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

Is fieldworker permanent or temporary employed by agency  
(fw118)  
File: FWRECORD

#### Overview

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

# Documentation

## Questionnaires

### Tanzania Malaria Indicator Survey 2017, Household Questionnaire

---

Title Tanzania Malaria Indicator Survey 2017, Household Questionnaire  
 Author(s) National Bureau of Statistics  
 Date 2016-01-29  
 Country Tanzania  
 Language English  
 Filename Tanzania\_2017\_MIS\_hh\_questionnaire.pdf

---

### Tanzania Malaria Indicator Survey 2017, Model Woman's Questionnaire

---

Title Tanzania Malaria Indicator Survey 2017, Model Woman's Questionnaire  
 Author(s) National Bureau of Statistics  
 Date 2016-03-14  
 Country Tanzania  
 Language English  
 Filename Tanzania\_2017\_MIS\_woman\_questionnaire.pdf

---

### Tanzania Malaria Indicator Survey 2017, Model Biomarker Questionnaire

---

Title Tanzania Malaria Indicator Survey 2017, Model Biomarker Questionnaire  
 Author(s) National Bureau of Statistics  
 Date 2014-10-23  
 Country Tanzania  
 Language English  
 Filename Tanzania\_2017\_MIS\_biomarker\_questionnaire.pdf

---

## Reports

### Tanzania Malaria Indicator Survey 2017, Report

---

Title Tanzania Malaria Indicator Survey 2017, Report  
 Author(s) Ministry of Health, Community Development, Gender, Elderly and Children, Dar es Salaam Ministry of Health, Zanzibar National Bureau of Statistics, Dar es Salaam Office of Chief Government Statistician, Zanzibar ICF, Rockville, Maryland USA  
 Date 2018-08-01  
 Country Tanzania  
 Language English

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## Tanzania 2017 Malaria Indicator Survey, Wall Chart

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 Author(s) Ministry of Health, Community Development, Gender, Elderly and Children, Dar es Salaam Ministry of Health, Zanzibar National Bureau of Statistics, Dar es Salaam Office of Chief Government Statistician, Zanzibar ICF, Rockville, Maryland USA  
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 Author(s) Ministry of Health, Community Development, Gender, Elderly and Children, Dar es Salaam Ministry of Health, Zanzibar National Bureau of Statistics, Dar es Salaam Office of Chief Government Statistician, Zanzibar ICF, Rockville, Maryland USA  
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