

# Rwanda - Malaria Indicator Survey 2013

**Malaria and Other Parasitic Diseases Division of the Rwanda Biomedical Center -  
Ministry of Health**

Report generated on: June 7, 2017

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# Sampling

## Sampling Procedure

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### Sample Design

The sample for the 2013 RMIS was designed to provide malaria indicator estimates for the country as a whole and for separate urban and rural areas. Survey estimates are also reported for the provinces (South, West, North, and East provinces) and Kigali City.

A representative sample of 4,772 households was selected for the 2013 RMIS. The sample was selected in two stages. In the first stage, 159 villages (also known as clusters or enumeration areas) were selected with probability proportional to village size. Village size is determined by the number of households residing in the village. Then, a complete mapping and listing of all households in the selected villages was conducted. The resulting lists of households served as the sampling frame for the second stage of sample selection. Households were systematically selected from those lists for participation in the survey.

All women age 15-49 who were either permanent residents of the households or visitors present in the household on the night before the survey were eligible for interviews.

Note: Detailed description of the sample design is presented in Appendix A of the final report.

## Response Rate

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A total of 4,772 households was selected, of which 4,769 households were identified and occupied at the time of the survey. Among these households, 4,766 completed the Household Questionnaire, yielding a response rate of nearly 100 percent.

In the 4,766 households surveyed, 5,164 women age 15-49 were identified as being eligible for the individual interview. Interviews were completed with 5,135 of these women, yielding a response rate of 99.4 percent. The response rates were slightly higher in rural areas than in urban areas.

## Weighting

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Because of the non-proportional allocation of the sample to the different reporting domains, sampling weights will be required for any analysis using RMIS 2013 data to ensure the sample is representative. Because the RMIS 2013 sample was a two-stage stratified cluster sample, sampling weights were calculated based on sampling probabilities that were calculated separately for each sampling stage and for each cluster.

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

# Questionnaires

## Overview

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The 2013 RMIS involved two questionnaires: a Household Questionnaire and a Woman's Questionnaire for all women age 15-49 in the selected households. Both of these instruments were based on the model Demographic and Health Survey Phase III and the model Roll Back Malaria (RBM) Malaria Indicator Survey (MIS) questionnaires developed by the MEASURE DHS program, as well as on previous surveys conducted in Rwanda, including the 2007-08 Rwanda Interim DHS (RIDHS) and the 2010 Rwanda Demographic and Health Survey (RDHS). The MAL & OPD Division reviewed the draft questionnaires with potential stakeholders, including government health agencies and interested donor groups.

The Household Questionnaire was used to list all the usual members and visitors in the selected households. Some basic information was collected on the characteristics of each person listed, including age, sex, education, and relationship to the head of household. The main purpose of the Household Questionnaire was to identify women eligible for individual interview. Questions on ownership and use of mosquito nets were included in the Household Questionnaire as were questions about proxy indicators for wealth such as ownership of various durable goods, dwelling unit characteristics, and land.

The Woman's Questionnaire was used to collect information from women age 15-49 on the following topics:

- Background characteristics (age, education, media exposure, employment, religion, and so on)
- Reproductive history (number of births, date of last birth, current pregnancy status, and antimalarial treatment for children under age 5 with recent fever)
- Knowledge about malaria symptoms, causes, and prevention

# Data Collection

## Data Collection Dates

Start	End	Cycle
2013-02-17	2013-04-26	N/A

## Data Collection Mode

Face-to-face [f2f]

### DATA COLLECTION NOTES

Training for pretesting occurred from January 9 to January 18, 2013. Fifteen women and men were trained to administer the RMIS survey questionnaire and household listing update. Four days of fieldwork were followed by one day of interviewer debriefing and testing. Pretest fieldwork was conducted in 80 households in two rural and two urban villages outside of Kigali City. All pretest participants attended the main training and served as team leaders/field editors for the main survey.

For the main data collection, the Mal & OPD Division recruited and trained 50 participants from 21 January to 1 February 2013 on how to use the RMIS survey instruments, including the household listing update, questionnaires, and fieldwork practice. The training consisted of instruction regarding interviewing techniques and field procedures, a detailed review of items on the questionnaires, and mock interviews and role plays. Instruction and practice on updating a household listing was also included in the main training. At the end of the training 48 participants were organized into 12 data collection teams consisting of a team leader/field editor, and three interviewers. The National Institute of Statistics of Rwanda (NISR) assisted in training for the household listing update.

Fieldwork was launched immediately upon the conclusion of field staff training. Fieldwork supervision was conducted by the MAL & OPD Division through regular visits to teams to review their work and monitor data quality. Additional contact between the central office and the teams was maintained through cell phones. Fieldwork was conducted from February 17, 2013, through April 26, 2013. Questionnaires were regularly delivered to MAL & OPD Division headquarters.

## Data Collectors

Name	Abbreviation	Affiliation
Malaria and Other Parasitic Diseases Division of the Rwanda Biomedical Center	MAL & OPD	Ministry of Health

# Data Processing

## Data Editing

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Processing of the 2013 RMIS data began as soon as questionnaires were received from the field. Completed questionnaires were returned from the field to MAL & OPD Division headquarters, where they were entered and edited by data processing personnel who were specially trained for this task. Processing the data concurrently with data collection allowed for regular monitoring of team performance and data quality. Field check tables were regularly generated during data processing to check various data quality parameters. As a result, feedback was given on a regular basis, encouraging teams to continue their high quality work and to correct areas in need of improvement. Feedback was individually tailored to each team. Data entry, which included 100 percent double entry to minimize errors in keying and data editing, was completed on May 10, 2013. Data cleaning and finalization was completed on June 3, 2013.

# Data Appraisal

## Estimates of Sampling Error

The estimates from a sample survey are affected by two types of errors: (1) nonsampling errors, and (2) sampling errors. Nonsampling 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 2013 Rwanda Malaria Indicator Survey (2013 RMIS) to minimize this type of error, nonsampling 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 2013 RMIS is only one of many samples that could have been selected from the same population, using the same design and identical size. Each of these samples would yield results that differ somewhat from the results of the actual sample selected. Sampling error is 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 percent 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 2013 RMIS 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 2013 RMIS is an SAS program. This program used the Taylor linearization method for variance estimation for survey estimates that are means or proportions.

The Taylor linearization method treats any percentage or average as a ratio estimate,  $r = y/x$ , where  $y$  represents the total sample value for variable  $y$ , and  $x$  represents the total number of cases in the group or subgroup under consideration.

Note: Detailed description of estimate of sampling error 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

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

## File Description



## Variable List

## RECH0

Content	HOUSEHOLD - Household's basic data
Cases	4772
Variable(s)	38
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3244	hhid	Case Identification	discrete	character	
V3245	hv000	Country code and phase	discrete	character	
V3246	hv001	Cluster number	contin	numeric	
V3247	hv002	Household number	contin	numeric	
V3248	hv003	Respondent's line number (answering Household questionnaire)	discrete	numeric	
V3249	hv004	Ultimate area unit	contin	numeric	
V3250	hv005	Household sample weight (6 decimals)	contin	numeric	
V3251	hv006	Month of interview	discrete	numeric	
V3252	hv007	Year of interview	discrete	numeric	
V3253	hv008	Date of interview (CMC)	discrete	numeric	
V3254	hv009	Number of household members	discrete	numeric	
V3255	hv010	Number of eligible women in household	discrete	numeric	
V3256	hv011	NA - Number of eligible men in household	discrete	numeric	
V3257	hv012	Number of de jure members	discrete	numeric	
V3258	hv013	Number of de facto members	discrete	numeric	
V3259	hv014	Number of children 5 and under (de jure)	discrete	numeric	
V3260	hv015	Result of household interview	discrete	numeric	
V3261	hv016	Day of interview	contin	numeric	
V3262	hv017	Number of visits	discrete	numeric	
V3263	hv018	Interviewer identification	contin	numeric	
V3264	hv019	Keyer identification	discrete	numeric	
V3265	hv020	Ever-married sample	discrete	numeric	
V3266	hv021	Primary sampling unit	contin	numeric	
V3267	hv022	Sample strata for sampling errors	contin	numeric	
V3268	hv023	Stratification used in sample design	contin	numeric	
V3269	hv024	Region	discrete	numeric	
V3270	hv025	Type of place of residence	discrete	numeric	
V3271	hv026	NA - Place of residence	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3272	hv027	NA - Household selected for male interview	discrete	numeric	
V3273	hv028	NA - Household weight for male subsample (6 decimals)	discrete	numeric	
V3274	hv030	Field supervisor	contin	numeric	
V3275	hv031	NA - Field editor	discrete	numeric	
V3276	hv032	Office editor	discrete	numeric	
V3277	hv035	NA - Number of eligible children for height and weight	discrete	numeric	
V3278	hv040	NA - Cluster altitude in meters	discrete	numeric	
V3279	hv041	NA - Total adults measured	discrete	numeric	
V3280	hv042	NA - Household selected for hemoglobin	discrete	numeric	
V3281	hv044	NA - Household selected for Domestic Violence module	discrete	numeric	

**RECH1**

Content	HOUSEHOLD - Household Schedule
Cases	20914
Variable(s)	31
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V3282	hhid	Case Identification	discrete	character	
V3283	hvidx	Line number	discrete	numeric	
V3284	hv101	Relationship to head	discrete	numeric	
V3285	hv102	Usual resident	discrete	numeric	
V3286	hv103	Slept last night	discrete	numeric	
V3287	hv104	Sex of household member	discrete	numeric	
V3288	hv105	Age of household members	discrete	numeric	
V3289	hv106	NA - Highest educational level attained	discrete	numeric	
V3290	hv107	NA - Highest year of education completed	discrete	numeric	
V3291	hv108	NA - Education completed in single years	discrete	numeric	
V3292	hv109	NA - Educational attainment	discrete	numeric	
V3293	hv110	NA - Member still in school	discrete	numeric	
V3294	hv111	NA - Mother alive	discrete	numeric	
V3295	hv112	NA - Mother's line number	discrete	numeric	
V3296	hv113	NA - Father alive	discrete	numeric	
V3297	hv114	NA - Father's line number	discrete	numeric	
V3298	hv115	Current marital status	discrete	numeric	
V3299	hv116	Currently, formerly, never married	discrete	numeric	
V3300	hv117	Eligibility for female interview	discrete	numeric	
V3301	hv118	NA - Eligibility for male interview	discrete	numeric	
V3302	hv120	NA - Children eligibility for height/weight and hemoglobin	discrete	numeric	
V3303	hv121	NA - Member attended school during current school year	discrete	numeric	
V3304	hv122	NA - Educational level during current school year	discrete	numeric	
V3305	hv123	NA - Grade of education during current school year	discrete	numeric	
V3306	hv124	NA - Education in single years - current school year	discrete	numeric	
V3307	hv125	NA - Member attended school during previous school year	discrete	numeric	
V3308	hv126	NA - Educational level during previous school year	discrete	numeric	
V3309	hv127	NA - Grade of education during previous school year	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3310	hv128	NA - Education in single years - previous school year	discrete	numeric	
V3311	hv129	NA - School attendance status	discrete	numeric	
V3312	hv140	NA - Member has a birth certificate	discrete	numeric	

## RECH2

Content	HOUSEHOLD - Household Characteristics
Cases	4766
Variable(s)	92
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3313	hhid	Case Identification	discrete	character	
V3314	hv201	Source of drinking water	discrete	numeric	
V3315	hv202	NA - Source of non-drinking water	discrete	numeric	
V3316	hv204	Time to get to water source (minutes)	discrete	numeric	
V3317	hv205	Type of toilet facility	discrete	numeric	
V3318	hv206	Has electricity	discrete	numeric	
V3319	hv207	Has radio	discrete	numeric	
V3320	hv208	Has television	discrete	numeric	
V3321	hv209	Has refrigerator	discrete	numeric	
V3322	hv210	Has bicycle	discrete	numeric	
V3323	hv211	Has motorcycle/scooter	discrete	numeric	
V3324	hv212	Has car/truck	discrete	numeric	
V3325	hv213	Main floor material	discrete	numeric	
V3326	hv214	Main wall material	discrete	numeric	
V3327	hv215	Main roof material	discrete	numeric	
V3328	hv216	Number of rooms used for sleeping	contin	numeric	
V3329	hv217	Relationship structure	discrete	numeric	
V3330	hv218	Line number of head of household	discrete	numeric	
V3331	hv219	Sex of head of household	discrete	numeric	
V3332	hv220	Age of head of household	discrete	numeric	
V3333	hv221	Has telephone (land-line)	discrete	numeric	
V3334	hv225	Share toilet with other households	discrete	numeric	
V3335	hv226	Type of cooking fuel	discrete	numeric	
V3336	hv227	Has mosquito bed net for sleeping	discrete	numeric	
V3337	hv228	Children under 5 slept under mosquito bed net last night	discrete	numeric	
V3338	hv230a	NA - Place where household members wash their hands	discrete	numeric	
V3339	hv230b	NA - Presence of water at hand washing place	discrete	numeric	
V3340	hv232	NA - Items present: Soap or detergent	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3341	hv232b	NA - Items present: Ash, mud, sand	discrete	numeric	
V3342	hv232c	NA - Items present: CS	discrete	numeric	
V3343	hv232d	NA - Items present: CS	discrete	numeric	
V3344	hv232e	NA - Items present: CS	discrete	numeric	
V3345	hv232y	NA - Items present: None	discrete	numeric	
V3346	hv234	NA - Result of salt test for iodine (PPM)	discrete	numeric	
V3347	hv234a	NA - Result of salt test for iodine	discrete	numeric	
V3348	hv235	Location of source for water	discrete	numeric	
V3349	hv236	NA - Person fetching water	discrete	numeric	
V3350	hv237	NA - Anything done to water to make safe to drink	discrete	numeric	
V3351	hv237a	NA - Water usually treated by: boil	discrete	numeric	
V3352	hv237b	NA - Water usually treated by: add bleach/chlorine	discrete	numeric	
V3353	hv237c	NA - Water usually treated by: strain through a cloth	discrete	numeric	
V3354	hv237d	NA - Water usually treated by: use water filter	discrete	numeric	
V3355	hv237e	NA - Water usually treated by: solar disinfection	discrete	numeric	
V3356	hv237f	NA - Water usually treated by: let it stand and settle	discrete	numeric	
V3357	hv237g	NA - Water usually treated by: CS	discrete	numeric	
V3358	hv237h	NA - Water usually treated by: CS	discrete	numeric	
V3359	hv237i	NA - Water usually treated by: CS	discrete	numeric	
V3360	hv237j	NA - Water usually treated by: CS	discrete	numeric	
V3361	hv237k	NA - Water usually treated by: CS	discrete	numeric	
V3362	hv237x	NA - Water usually treated by: other	discrete	numeric	
V3363	hv237z	NA - Water usually treated by: don't know	discrete	numeric	
V3364	hv238	Number of households sharing toilet	discrete	numeric	
V3365	hv239	NA - Food cooked on stove or open fire	discrete	numeric	
V3366	hv240	NA - Household has a chimney, hood or neither	discrete	numeric	
V3367	hv241	NA - Food cooked in the house/ separate building/ outdoors	discrete	numeric	
V3368	hv242	NA - Household has separate room used as kitchen	discrete	numeric	
V3369	hv243a	Has mobile telephone	discrete	numeric	
V3370	hv243b	Has watch	discrete	numeric	
V3371	hv243c	Has animal-drawn cart	discrete	numeric	
V3372	hv243d	Has boat with a motor	discrete	numeric	
V3373	hv244	Owens land usable for agriculture	discrete	numeric	
V3374	hv245	Hectares of agricultural land (1 decimal)	discrete	numeric	
V3375	hv246	Owens livestock, herds or farm animals	discrete	numeric	
V3376	hv246a	Owens cattle	discrete	numeric	
V3377	hv246b	Owens cows/ bulls	discrete	numeric	
V3378	hv246c	Owens horses/ donkeys/ mules	discrete	numeric	
V3379	hv246d	Owens goats	discrete	numeric	
V3380	hv246e	Owens sheep	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3381	hv246f	Owens chickens	discrete	numeric	
V3382	hv246g	NA - Owns local cows	discrete	numeric	
V3383	hv246h	Owens milk cows	discrete	numeric	
V3384	hv246i	Owens bulls	discrete	numeric	
V3385	hv246j	Owens Pigs	discrete	numeric	
V3386	hv246k	Owens Rabbits	discrete	numeric	
V3387	hv247	Has bank account	discrete	numeric	
V3388	hv252	NA - Frequency household members smoke inside the house	discrete	numeric	
V3389	hv253	Has dwelling been sprayed against mosquitoes in last 12 months	discrete	numeric	
V3390	hv253a	Dwelling sprayed by: government worker/program	discrete	numeric	
V3391	hv253b	Dwelling sprayed by: private company	discrete	numeric	
V3392	hv253c	Dwelling sprayed by: NGO	discrete	numeric	
V3393	hv253d	NA - Dwelling sprayed by: CS	discrete	numeric	
V3394	hv253e	NA - Dwelling sprayed by: CS	discrete	numeric	
V3395	hv253f	NA - Dwelling sprayed by: CS	discrete	numeric	
V3396	hv253g	NA - Dwelling sprayed by: CS	discrete	numeric	
V3397	hv253h	NA - Dwelling sprayed by: CS	discrete	numeric	
V3398	hv253x	Dwelling sprayed by: other	discrete	numeric	
V3399	hv253z	Dwelling sprayed by: don't know	discrete	numeric	
V3400	hv270	NA - Wealth index	discrete	numeric	
V3401	hv271	NA - Wealth index factor score (5 decimals)	contin	numeric	
V3402	hml1	Number of mosquito bed nets	discrete	numeric	
V3403	hml1a	Number of mosquito bed nets with specific information	discrete	numeric	
V3404	hml2	Number of children under mosquito bed net previous night	discrete	numeric	



**RECH3**

Content	HOUSEHOLD - Survey specific Household variables
Cases	4766
Variable(s)	7
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V3405	hhid	Case Identification	discrete	character	
V3406	sh107g	Has computer	discrete	numeric	
V3407	sh113g	Has boat without a motor	discrete	numeric	
V3408	sh131	When nets usually washed	discrete	numeric	
V3409	sh132	Why nets are washed	discrete	numeric	
V3410	sh132a	Type of soap used to wash nets	discrete	numeric	
V3411	sh133	Net color preference	discrete	numeric	

## RECHMH

Content	HOUSEHOLD - Malaria: by Household Member
Cases	20914
Variable(s)	25
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3412	hhid	Case Identification	discrete	character	
V3413	hnhidx	Index to Household Schedule	discrete	numeric	
V3414	hml12	Type of Mosquito Bed Net(s) person slept under last night	discrete	numeric	
V3415	hml13	Net Designation Number (HMLIDX) for 1st net person slept under last night	discrete	numeric	
V3416	hml14	NA - Net Designation Number (HMLIDX) for 2nd net person slept under last night	discrete	numeric	
V3417	hml15	NA - Net Designation Number (HMLIDX) for 3rd net person slept under last night	discrete	numeric	
V3418	hml16	Corrected age from Individual file	discrete	numeric	
V3419	hml16a	NA - Age in months (for children)	discrete	numeric	
V3420	hml17	Flag for age from Individual file	discrete	numeric	
V3421	hml18	Pregnancy status from Individual file	discrete	numeric	
V3422	hml19	Person slept under an ever-treated net	discrete	numeric	
V3423	hml20	Person slept under an LLIN net	discrete	numeric	
V3424	hml30	NA - Line number of parent/caretaker (for malaria testing)	discrete	numeric	
V3425	hml31	NA - Read consent statement for malaria	discrete	numeric	
V3426	hml32	NA - Final result of malaria from blood smear test	discrete	numeric	
V3427	hml32a	NA - Presence of species: falciparum (Pf)	discrete	numeric	
V3428	hml32b	NA - Presence of species: malari (Pm)	discrete	numeric	
V3429	hml32c	NA - Presence of species: ovale (Po)	discrete	numeric	
V3430	hml32d	NA - Presence of species: vwax (Pv)	discrete	numeric	
V3431	hml32e	NA - Presence of species: CS	discrete	numeric	
V3432	hml32f	NA - Presence of species: CS	discrete	numeric	
V3433	hml32g	NA - Presence of species: CS	discrete	numeric	
V3434	hml33	NA - Result of malaria measurement	discrete	numeric	
V3435	hml34	Bar code for blood smear sample	discrete	character	
V3436	hml35	NA - Result of malaria rapid test	discrete	numeric	

## RECHML

Content	HOUSEHOLD - Malaria: by Mosquito Bed Net
Cases	7976
Variable(s)	21
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3437	hhid	Case Identification	discrete	character	
V3438	hmlidx	Mosquito Bed Net Designation Number	discrete	numeric	
V3439	hml3	Net observed by interviewer	discrete	numeric	
V3440	hml4	Months ago net obtained	discrete	numeric	
V3441	hml5	NA - Net treated with insecticide when bought	discrete	numeric	
V3442	hml6	Net treatment status	discrete	numeric	
V3443	hml7	Brand of net	discrete	numeric	
V3444	hml8	Net treated since receiving	discrete	numeric	
V3445	hml9	Time since last re-treatment (months)	discrete	numeric	
V3446	hml10	Insecticide-Treated Net (ITN)	discrete	numeric	
V3447	hml11	Number of persons who slept under this net	discrete	numeric	
V3448	hml21	Someone slept under this net last night	discrete	numeric	
V3449	hmla	Line number of person who slept in this net	discrete	numeric	
V3450	hmlb	Line number of person who slept in this net	discrete	numeric	
V3451	hm1c	Line number of person who slept in this net	discrete	numeric	
V3452	hm1d	Line number of person who slept in this net	discrete	numeric	
V3453	hm1e	Line number of person who slept in this net	discrete	numeric	
V3454	sh124a	How net was obtained	discrete	numeric	
V3455	sh128	Net has holes equal to or larger than the tip of a thumb	discrete	numeric	
V3456	sh128a	Net shape	discrete	numeric	
V3457	sh128b	Times net was washed since got it	discrete	numeric	

## REC01

Content	WOMAN - Respondent's basic data
Cases	5164
Variable(s)	40
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3458	hhid	Case Identification	discrete	character	
V3459	caseid	Case Identification	discrete	character	
V3460	v000	Country code and phase	discrete	character	
V3461	v001	Cluster number	contin	numeric	
V3462	v002	Household number	contin	numeric	
V3463	v003	Respondent's line number	discrete	numeric	
V3464	v004	Ultimate area unit	contin	numeric	
V3465	v005	Women's individual sample weight (6 decimals)	contin	numeric	
V3466	v006	Month of interview	discrete	numeric	
V3467	v007	Year of interview	discrete	numeric	
V3468	v008	Date of interview (CMC)	discrete	numeric	
V3469	v009	Respondent's month of birth	discrete	numeric	
V3470	v010	Respondent's year of birth	contin	numeric	
V3471	v011	Date of birth (CMC)	contin	numeric	
V3472	v012	Respondent's current age	contin	numeric	
V3473	v013	Age in 5-year groups	discrete	numeric	
V3474	v014	Completeness of age information	discrete	numeric	
V3475	v015	Result of individual interview	discrete	numeric	
V3476	v016	Day of interview	contin	numeric	
V3477	v017	NA - CMC start of calendar	discrete	numeric	
V3478	v018	NA - Row of month of interview	discrete	numeric	
V3479	v019	NA - Length of calendar	discrete	numeric	
V3480	v019a	NA - Number of calendar columns	discrete	numeric	
V3481	v020	Ever-married sample	discrete	numeric	
V3482	v021	Primary sampling unit	contin	numeric	
V3483	v022	Sample strata for sampling errors	contin	numeric	
V3484	v023	Stratification used in sample design	contin	numeric	
V3485	v024	Region	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3486	v025	Type of place of residence	discrete	numeric	
V3487	v026	NA - e facto place of residence	discrete	numeric	
V3488	v027	Number of visits	discrete	numeric	
V3489	v028	Interviewer identification	contin	numeric	
V3490	v029	Keyer identification	discrete	numeric	
V3491	v030	Field supervisor	contin	numeric	
V3492	v031	NA - Field editor	discrete	numeric	
V3493	v032	Office editor	discrete	numeric	
V3494	v034	NA - Line number of husband	discrete	numeric	
V3495	v040	NA - Cluster altitude in meters	discrete	numeric	
V3496	v042	NA - Household selected for hemoglobin	discrete	numeric	
V3497	v044	NA - Selected for Domestic Violence module	discrete	numeric	

## REC11

Content	WOMAN - Respondent's basic data (continued)
Cases	5135
Variable(s)	56
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3498	hhid	Case Identification	discrete	character	
V3499	caseid	Case Identification	discrete	character	
V3500	v101	Region	discrete	numeric	
V3501	v102	Type of place of residence	discrete	numeric	
V3502	v103	NA - Childhood place of residence	discrete	numeric	
V3503	v104	NA - Years lived in place of residence	discrete	numeric	
V3504	v105	NA - Type of place of previous residence	discrete	numeric	
V3505	v106	Highest educational level	discrete	numeric	
V3506	v107	Highest year of education	discrete	numeric	
V3507	v113	Source of drinking water	discrete	numeric	
V3508	v115	Time to get to water source	discrete	numeric	
V3509	v116	Type of toilet facility	discrete	numeric	
V3510	v119	Household has: electricity	discrete	numeric	
V3511	v120	Household has: radio	discrete	numeric	
V3512	v121	Household has: television	discrete	numeric	
V3513	v122	Household has: refrigerator	discrete	numeric	
V3514	v123	Household has: bicycle	discrete	numeric	
V3515	v124	Household has: motorcycle/scooter	discrete	numeric	
V3516	v125	Household has: car/truck	discrete	numeric	
V3517	v127	Main floor material	discrete	numeric	
V3518	v128	Main wall material	discrete	numeric	
V3519	v129	Main roof material	discrete	numeric	
V3520	v130	Religion	discrete	numeric	
V3521	v131	NA - Ethnicity	discrete	numeric	
V3522	v133	Education in single years	discrete	numeric	
V3523	v134	NA - De facto place of residence	discrete	numeric	
V3524	v135	Usual resident or visitor	discrete	numeric	
V3525	v136	Number of household members (listed)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3526	v137	Number of children 5 and under in household (de jure)	discrete	numeric	
V3527	v138	Number of eligible women in household (de facto)	discrete	numeric	
V3528	v139	De jure region of residence	discrete	numeric	
V3529	v140	De jure type of place of residence	discrete	numeric	
V3530	v141	NA - De jure place of residence	discrete	numeric	
V3531	v149	Educational attainment	discrete	numeric	
V3532	v150	Relationship to household head	discrete	numeric	
V3533	v151	Sex of household head	discrete	numeric	
V3534	v152	Age of household head	discrete	numeric	
V3535	v153	Household has: telephone (land-line)	discrete	numeric	
V3536	awfactt	All woman factor - total	discrete	numeric	
V3537	awfactu	All woman factor - urban/rural	discrete	numeric	
V3538	awfactr	All woman factor - regional	discrete	numeric	
V3539	awfacte	All woman factor - educational	discrete	numeric	
V3540	awfactw	All woman factor - wealth index	discrete	numeric	
V3541	v155	Literacy	discrete	numeric	
V3542	v156	NA - Ever participated in a literacy program outside of primary	discrete	numeric	
V3543	v157	NA - Frequency of reading newspaper or magazine	discrete	numeric	
V3544	v158	NA - Frequency of listening to radio	discrete	numeric	
V3545	v159	NA - Frequency of watching television	discrete	numeric	
V3546	v160	Toilet facilities shared with other households	discrete	numeric	
V3547	v161	Type of cooking fuel	discrete	numeric	
V3548	v166	NA - Result of salt test for iodine	discrete	numeric	
V3549	v167	NA - Number of trips in last 12 months	discrete	numeric	
V3550	v168	NA - Away for more than one month in last 12 months	discrete	numeric	
V3551	v190	NA - Wealth index	discrete	numeric	
V3552	v191	NA - Wealth index factor score (5 decimals)	contin	numeric	
V3553	ml101	Type of mosquito bed net(s) slept under last night	discrete	numeric	

## REC21

Content	WOMAN - Reproduction and Birth History
Cases	3845
Variable(s)	20
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3554	hhid	Case Identification	discrete	character	
V3555	caseid	Case Identification	discrete	character	
V3556	bidx	Birth column number	discrete	numeric	
V3557	bord	Birth order number	discrete	numeric	
V3558	b0	Child is twin	discrete	numeric	
V3559	b1	Month of birth	discrete	numeric	
V3560	b2	Year of birth	discrete	numeric	
V3561	b3	Date of birth (CMC)	contin	numeric	
V3562	b4	Sex of child	discrete	numeric	
V3563	b5	Child is alive	discrete	numeric	
V3564	b6	NA - Age at death	discrete	numeric	
V3565	b7	NA - Age at death (months, imputed)	discrete	numeric	
V3566	b8	Current age of child	discrete	numeric	
V3567	b9	Child lives with whom	discrete	numeric	
V3568	b10	Completeness of information	discrete	numeric	
V3569	b11	Preceding birth interval (months)	contin	numeric	
V3570	b12	Succeeding birth interval (months)	contin	numeric	
V3571	b13	NA - Flag for age at death	discrete	numeric	
V3572	b15	Live birth between births	discrete	numeric	
V3573	b16	Child's line number in household	discrete	numeric	



## REC22

Content	WOMAN - Reproduction (continued)
Cases	5135
Variable(s)	24
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3574	hhid	Case Identification	discrete	character	
V3575	caseid	Case Identification	discrete	character	
V3576	v201	Total children ever born	discrete	numeric	
V3577	v202	Sons at home	discrete	numeric	
V3578	v203	Daughters at home	discrete	numeric	
V3579	v204	Sons elsewhere	discrete	numeric	
V3580	v205	Daughters elsewhere	discrete	numeric	
V3581	v206	Sons who have died	discrete	numeric	
V3582	v207	Daughters who have died	discrete	numeric	
V3583	v208	Births in last five years	discrete	numeric	
V3584	v209	Births in past year	discrete	numeric	
V3585	v210	Births in month of interview	discrete	numeric	
V3586	v213	Currently pregnant	discrete	numeric	
V3587	v214	Duration of current pregnancy	discrete	numeric	
V3588	v218	Number of living children	discrete	numeric	
V3589	v219	Living children + current pregnancy	discrete	numeric	
V3590	v220	Living children + current pregnancy (grouped)	discrete	numeric	
V3591	v221	NA - Marriage to first birth interval (months)	discrete	numeric	
V3592	v222	NA - Last birth to interview (months)	discrete	numeric	
V3593	v223	Completeness of current pregnancy information	discrete	numeric	
V3594	v224	Entries in birth history	discrete	numeric	
V3595	v235	NA - Index last child prior to maternity-health (calendar)	discrete	numeric	
V3596	v237	Birth between last and interview	discrete	numeric	
V3597	v238	Births in last three years	discrete	numeric	

## REC41

Content	WOMAN - Maternity
Cases	2313
Variable(s)	17
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3598	hhid	Case Identification	discrete	character	
V3599	caseid	Case Identification	discrete	character	
V3600	midx	Index to Birth History	discrete	numeric	
V3601	m2a	Prenatal: doctor	discrete	numeric	
V3602	m2b	Prenatal: nurse/medical assistant	discrete	numeric	
V3603	m2c	Prenatal: midwife	discrete	numeric	
V3604	m2d	NA - Prenatal: CS health professional	discrete	numeric	
V3605	m2e	NA - Prenatal: CS health professional	discrete	numeric	
V3606	m2f	NA - Prenatal: CS health professional	discrete	numeric	
V3607	m2g	Prenatal: traditional birth attendant	discrete	numeric	
V3608	m2h	Prenatal: community health worker	discrete	numeric	
V3609	m2i	Prenatal: community health mother and child	discrete	numeric	
V3610	m2j	NA - Prenatal: CS other person	discrete	numeric	
V3611	m2k	Prenatal: other	discrete	numeric	
V3612	m2l	NA - Prenatal: CS other	discrete	numeric	
V3613	m2m	NA - Prenatal: CS other	discrete	numeric	
V3614	m2n	Prenatal: no one	discrete	numeric	

**REC42**

Content	WOMAN - Health and Breastfeeding
Cases	5135
Variable(s)	7
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V3615	hhid	Case Identification	discrete	character	
V3616	caseid	Case Identification	discrete	character	
V3617	v417	Entries in maternity table	discrete	numeric	
V3618	v418	Entries in health table	discrete	numeric	
V3619	v459	Have mosquito bed net for sleeping (from household questionnaire)	discrete	numeric	
V3620	v460	Children under 5 slept under mosquito bed net last night (household questionnair	discrete	numeric	
V3621	v461	Respondent slept under mosquito bed net	discrete	numeric	

## REC43

Content	WOMAN - Child's Health and Vaccinations
Cases	3104
Variable(s)	52
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3622	hhid	Case Identification	discrete	character	
V3623	caseid	Case Identification	discrete	character	
V3624	hidx	Index to birth history	discrete	numeric	
V3625	h22	Had fever in last two weeks	discrete	numeric	
V3626	h32a	Fever/cough: referral hospital	discrete	numeric	
V3627	h32b	Fever/cough: district hospital	discrete	numeric	
V3628	h32c	Fever/cough: health center	discrete	numeric	
V3629	h32d	Fever/cough: health post	discrete	numeric	
V3630	h32e	Fever/cough: outreach	discrete	numeric	
V3631	h32f	Fever/cough: community health worker	discrete	numeric	
V3632	h32g	Fever/cough: Other public facility	discrete	numeric	
V3633	h32h	NA - Fever/cough: CS public sector	discrete	numeric	
V3634	h32i	NA - Fever/cough: CS public sector	discrete	numeric	
V3635	h32j	NA - Fever/cough: private hospital/ clinic	discrete	numeric	
V3636	h32k	Fever/cough: private pharmacy	discrete	numeric	
V3637	h32l	NA - Fever/cough: private doctor	discrete	numeric	
V3638	h32m	Fever/cough: polyclinic	discrete	numeric	
V3639	h32n	Fever/cough: clinic	discrete	numeric	
V3640	h32o	Fever/cough: dispensary	discrete	numeric	
V3641	h32p	Fever/cough: other private medical	discrete	numeric	
V3642	h32q	NA - Fever/cough: CS private medical	discrete	numeric	
V3643	h32r	NA - Fever/cough: CS private medical	discrete	numeric	
V3644	h32s	Fever/cough: Kiosk	discrete	numeric	
V3645	h32t	Fever/cough: traditional practitioner	discrete	numeric	
V3646	h32u	Fever/cough: CS other sector	discrete	numeric	
V3647	h32v	Fever/cough: Friend / relative	discrete	numeric	
V3648	h32w	NA - Fever/cough: CS other sector	discrete	numeric	
V3649	h32x	Fever/cough: other	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3650	h32y	Fever/cough: no treatment	discrete	numeric	
V3651	h32z	Fever/cough: medical treatment	discrete	numeric	
V3652	h37a	NA - SP/Fansidar taken for fever/cough	discrete	numeric	
V3653	h37b	NA - Chloroquine taken for fever/cough	discrete	numeric	
V3654	h37c	NA - Amodiaquine taken for fever/cough	discrete	numeric	
V3655	h37d	NA - Quinine taken for fever/cough	discrete	numeric	
V3656	h37e	NA - Combination with artemisinin taken for fever/cough	discrete	numeric	
V3657	h37f	NA - CS antimalarial taken for fever/cough	discrete	numeric	
V3658	h37g	NA - CS antimalarial taken for fever/cough	discrete	numeric	
V3659	h37h	NA - Other antimalarial taken for fever/cough	discrete	numeric	
V3660	h37i	NA - Antibiotic pill/syrup taken for fever/cough	discrete	numeric	
V3661	h37j	NA - Antibiotic injection taken for fever/cough	discrete	numeric	
V3662	h37k	NA - Aspirin taken for fever/cough	discrete	numeric	
V3663	h37l	NA - Acetaminophen/paracetamol/panadol taken for fever/cough	discrete	numeric	
V3664	h37m	NA - Ibuprofen taken for fever/cough	discrete	numeric	
V3665	h37n	NA - CS other taken for fever/cough	discrete	numeric	
V3666	h37o	NA - CS other for fever/cough	discrete	numeric	
V3667	h37p	NA - CS other for fever/cough	discrete	numeric	
V3668	h37x	NA - Other taken for fever/cough	discrete	numeric	
V3669	h37y	NA - Nothing taken for fever/cough	discrete	numeric	
V3670	h37z	NA - Don't know if or what was taken for fever/cough	discrete	numeric	
V3671	h46a	Place first sought treatment for fever	discrete	numeric	
V3672	h46b	NA - Days after fever sought advice or treatment	discrete	numeric	
V3673	h47	Blood taken from child's finger/heel for testing	discrete	numeric	

## REC81

Content	WOMAN - Characteristics of Interview
Cases	5135
Variable(s)	15
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3674	hhid	Case Identification	discrete	character	
V3675	caseid	Case Identification	discrete	character	
V3676	v801	Time interview started (hhmm - 24 hour clock)	contin	numeric	
V3677	v802	Time interview ended (hhmm - 24 hour clock)	contin	numeric	
V3678	v803	Length of interview in minutes	discrete	numeric	
V3679	v804	Number of visits	discrete	numeric	
V3680	v805	Interviewer identification	contin	numeric	
V3681	v806	Keyer identification	discrete	numeric	
V3682	v811	NA - Presence of children < 10 for 'Wife beating justified' questions	discrete	numeric	
V3683	v812	NA - Presence of husband for 'Wife beating justified' questions	discrete	numeric	
V3684	v813	NA - Presence of other males for 'Wife beating justified' questions	discrete	numeric	
V3685	v814	NA - Presence of other females for 'Wife beating justified' questions	discrete	numeric	
V3686	v815a	NA - Presence of children < 10 during sexual activity section	discrete	numeric	
V3687	v815b	NA - Presence of male adults during sexual activity section	discrete	numeric	
V3688	v815c	NA - Presence of female adults during sexual activity section	discrete	numeric	

## REC91

Content	WOMAN - Country specific variables: Education, malaria awareness, symptoms, causes, prevention and treatment
Cases	5135
Variable(s)	72
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3689	hhid	Case Identification	discrete	character	
V3690	caseid	Case Identification	discrete	character	
V3691	s104	Ever attended school	discrete	numeric	
V3692	s105	Highest level of school attended	discrete	numeric	
V3693	s106	Highest grade completed at level	contin	numeric	
V3694	s109a	Heard of malaria	discrete	numeric	
V3695	s109ba	fever: Knows malaria sign/symptom	discrete	numeric	
V3696	s109bb	feeling cold: knows malaria sign/symptom	discrete	numeric	
V3697	s109bc	Headache: knows malaria sign/symptom	discrete	numeric	
V3698	s109bd	Nausea and vomiting: knows malaria sign/symptom	discrete	numeric	
V3699	s109be	Diarrhea: knows malaria sign/symptom	discrete	numeric	
V3700	s109bf	Dizziness: knows malaria sign/symptom	discrete	numeric	
V3701	s109bg	Loss of appetite: knows malaria sign/symptom	discrete	numeric	
V3702	s109bh	Body ache or joint pain: knows malaria sign/symptom	discrete	numeric	
V3703	s109bi	Pale eyes: knows malaria sign/symptom	discrete	numeric	
V3704	s109bj	Salty tasting palms: knows malaria sign/symptom	discrete	numeric	
V3705	s109bk	Body weakness: knows malaria sign/symptom	discrete	numeric	
V3706	s109bl	Refusing to eat or drink: knows malaria sign/symptom	discrete	numeric	
V3707	s109bm	Sign for severe malaria: knows malaria sign/symptom	discrete	numeric	
V3708	s109bx	Other: knows malaria sign/symptom	discrete	numeric	
V3709	s109ca	Mosquito bites: knows cause of malaria	discrete	numeric	
V3710	s109cb	Eating immature sugarcane: knows cause of malaria	discrete	numeric	
V3711	s109cc	Eating dirty food: knows cause of malaria	discrete	numeric	
V3712	s109cd	Drinking dirty water: knows cause of malaria	discrete	numeric	
V3713	s109ce	Getting soaked with rain: knows cause of malaria	discrete	numeric	
V3714	s109cf	Cold or changing weather: knows cause of malaria	discrete	numeric	
V3715	s109cg	Witchcraft: knows cause of malaria	discrete	numeric	
V3716	s109cx	Other: knows cause of malaria	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3717	s109cz	Don't know: knows cause of malaria	discrete	numeric	
V3718	s109da	Protect against malaria by: sleep under a mosquito net	discrete	numeric	
V3719	s109db	Protect against malaria by: sleep under an insecticide treated mosquito net	discrete	numeric	
V3720	s109dc	Protect against malaria by: use mosquito repellant	discrete	numeric	
V3721	s109dd	Protect against malaria by: avoid mosquito bites	discrete	numeric	
V3722	s109de	Protect against malaria by: take preventive medication	discrete	numeric	
V3723	s109df	Protect against malaria by: spray house with insecticide	discrete	numeric	
V3724	s109dg	Protect against malaria by: use mosquito coils	discrete	numeric	
V3725	s109dh	Protect against malaria by: cut the grass around the house	discrete	numeric	
V3726	s109di	Protect against malaria by: fill in puddles	discrete	numeric	
V3727	s109dj	Protect against malaria by: keep house surroundings clean	discrete	numeric	
V3728	s109dk	Protect against malaria by: burn leaves	discrete	numeric	
V3729	s109dl	Protect against malaria by: do not drink dirty water	discrete	numeric	
V3730	s109dm	Protect against malaria by: do not eat bad food	discrete	numeric	
V3731	s109dn	Protect against malaria by: put mosquito screens on the windows	discrete	numeric	
V3732	s109do	Protect against malaria by: do not get soaked with rain	discrete	numeric	
V3733	s109dx	Protect against malaria by: other	discrete	numeric	
V3734	s109dz	Protect against malaria by: Don't know	discrete	numeric	
V3735	s109ea	Knows location can receive treatment for malaria: referral hospital	discrete	numeric	
V3736	s109eb	Knows location can receive treatment for malaria: district hospital	discrete	numeric	
V3737	s109ec	Knows location can receive treatment for malaria: health center	discrete	numeric	
V3738	s109ed	Knows location can receive treatment for malaria: health post	discrete	numeric	
V3739	s109ee	Knows location can receive treatment for malaria: outreach	discrete	numeric	
V3740	s109ef	Knows location can receive treatment for malaria: community health worker	discrete	numeric	
V3741	s109eg	Knows location can receive treatment for malaria: other public facility	discrete	numeric	
V3742	s109eh	Knows location can receive treatment for malaria: polyclinic	discrete	numeric	
V3743	s109ei	Knows location can receive treatment for malaria: clinic	discrete	numeric	
V3744	s109ej	Knows location can receive treatment for malaria: dispensary	discrete	numeric	
V3745	s109ek	Knows location can receive treatment for malaria: pharmacy	discrete	numeric	
V3746	s109el	Knows location can receive treatment for malaria: other private medical facility	discrete	numeric	
V3747	s109em	Knows location can receive treatment for malaria: kiosk	discrete	numeric	
V3748	s109en	Knows location can receive treatment for malaria: traditional practitioner	discrete	numeric	
V3749	s109eo	Knows location can receive treatment for malaria: church	discrete	numeric	
V3750	s109ep	Knows location can receive treatment for malaria: friend/relative	discrete	numeric	
V3751	s109ex	Knows location can receive treatment for malaria: other	discrete	numeric	
V3752	s109ez	Knows location can receive treatment for malaria: don't know	discrete	numeric	
V3753	s111	Seen or heard messages about malaria in the last six months	discrete	numeric	
V3754	s112a	Where heard or seen malaria messages: radio	discrete	numeric	
V3755	s112b	Where heard or seen malaria messages: television	discrete	numeric	
V3756	s112c	Where heard or seen malarial messages: poster or billboard	discrete	numeric	



ID	Name	Label	Type	Format	Question
V3757	s112d	Where heard or seen malarial messages: community health worker	discrete	numeric	
V3758	s112e	Where heard or seen malarial messages: at community event	discrete	numeric	
V3759	s112f	Where heard or seen malarial messages: other	discrete	numeric	
V3760	s210	Number of births in last 6 years	discrete	numeric	

## RECML

Content	WOMAN - Malaria
Cases	3104
Variable(s)	65
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3761	hhid	Case Identification	discrete	character	
V3762	caseid	Case Identification	discrete	character	
V3763	idxml	Index to Birth History	discrete	numeric	
V3764	ml0	Type of mosquito bed net(s) child slept under last night	discrete	numeric	
V3765	ml1	NA - Number of times took fansidar during pregnancy	discrete	numeric	
V3766	ml2	NA - Source of antimalarial during pregnancy	discrete	numeric	
V3767	ml11	NA - Child has fever/cough now	discrete	numeric	
V3768	ml12	NA - Child has had convulsions in last 2 weeks	discrete	numeric	
V3769	ml13a	NA - Fansidar taken for fever/cough	discrete	numeric	
V3770	ml13b	NA - Chloroquine taken for fever/cough	discrete	numeric	
V3771	ml13c	NA - Amodiaquine taken for fever/cough	discrete	numeric	
V3772	ml13d	Quinine taken for fever/cough	discrete	numeric	
V3773	ml13e	Combination with artemisinin taken for fever/cough	discrete	numeric	
V3774	ml13f	Primo antimalarial taken for fever/cough	discrete	numeric	
V3775	ml13g	Arthemether taken for fever/cough	discrete	numeric	
V3776	ml13h	Other antimalarial taken for fever/cough	discrete	numeric	
V3777	ml13i	Antibiotic pill/syrup taken for fever/cough	discrete	numeric	
V3778	ml13j	Antibiotic injection taken for fever/cough	discrete	numeric	
V3779	ml13k	Aspirin taken for fever/cough	discrete	numeric	
V3780	ml13l	Acetaminophen/paracetamol/panadol taken for fever/cough	discrete	numeric	
V3781	ml13m	Ibuprofen taken for fever/cough	discrete	numeric	
V3782	ml13n	NA - CS other taken for fever/cough	discrete	numeric	
V3783	ml13o	NA - CS other taken for fever/cough	discrete	numeric	
V3784	ml13p	NA - CS other taken for fever/cough	discrete	numeric	
V3785	ml13x	Other taken for fever/cough	discrete	numeric	
V3786	ml13y	Nothing taken for fever/cough	discrete	numeric	
V3787	ml13z	Don't know if or what was taken for fever/cough	discrete	numeric	
V3788	ml14a	NA - Injection given for fever/convulsion***	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3789	ml14b	NA - Suppository given for fever/convulsion***	discrete	numeric	
V3790	ml14y	NA - No suppository or injection given for fever/convulsion***	discrete	numeric	
V3791	ml14z	NA - Don't know if suppository or injection given for fever/convulsion***	discrete	numeric	
V3792	ml15a	NA - Timing of start of fansidar	discrete	numeric	
V3793	ml15b	NA - Number of days child took fansidar	discrete	numeric	
V3794	ml15c	NA - First source for fansidar	discrete	numeric	
V3795	ml16a	NA - Timing of start of chloroquine	discrete	numeric	
V3796	ml16b	NA - Number of days child took chloroquine	discrete	numeric	
V3797	ml16c	NA - First source for chloroquine	discrete	numeric	
V3798	ml17a	NA - Timing of start of amodiaquine	discrete	numeric	
V3799	ml17b	NA - Number of days child took amodiaquine	discrete	numeric	
V3800	ml17c	NA - First source for amodiaquine	discrete	numeric	
V3801	ml18a	Timing of start of quinine	discrete	numeric	
V3802	ml18b	NA - Number of days child took quinine	discrete	numeric	
V3803	ml18c	NA - First source for quinine	discrete	numeric	
V3804	ml19a	NA - For fever/convulsion: consulted traditional healer***	discrete	numeric	
V3805	ml19b	NA - For fever/convulsion: gave tepid sponging***	discrete	numeric	
V3806	ml19c	NA - For fever/convulsion: gave herbs***	discrete	numeric	
V3807	ml19d	NA - For fever/convulsion: CS***	discrete	numeric	
V3808	ml19e	NA - For fever/convulsion: CS***	discrete	numeric	
V3809	ml19f	NA - For fever/convulsion: CS***	discrete	numeric	
V3810	ml19x	NA - For fever/convulsion: other***	discrete	numeric	
V3811	ml19y	NA - For fever/convulsion: gave/did nothing***	discrete	numeric	
V3812	ml19z	NA - For fever/convulsion: don't know if something else was done***	discrete	numeric	
V3813	ml20a	Timing of start of combination with artemisinin	discrete	numeric	
V3814	ml20b	NA - Number of days child took combination with artemisinin	discrete	numeric	
V3815	ml20c	NA - First source for combination with artemisinin	discrete	numeric	
V3816	ml21a	Timing of start of primo	discrete	numeric	
V3817	ml21b	NA - Number of days child took CS antimalarial	discrete	numeric	
V3818	ml21c	NA - First source for CS antimalarial	discrete	numeric	
V3819	ml22a	NA - Timing of start of CS antimalarial use	discrete	numeric	
V3820	ml22b	NA - Number of days child took CS antimalarial	discrete	numeric	
V3821	ml22c	NA - First source for CS antimalarial	discrete	numeric	
V3822	ml23a	Timing of start of other anti-malarial use	discrete	numeric	
V3823	ml23b	NA - Number of days child took other anti-malarial	discrete	numeric	
V3824	ml23c	NA - First source for other anti-malarial	discrete	numeric	
V3825	ml24c	NA - First source for antibiotic pill/syrup	discrete	numeric	



## Case Identification (hhid)

File: RECH0

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## 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: 1-159

## Household number (hv002)

File: RECH0

**Overview**

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

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

File: RECH0

**Overview**

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

## Ultimate area unit (hv004)

File: RECH0

## Ultimate area unit (hv004)

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-159

## Household sample weight (6 decimals) (hv005)

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: 0-2424038

## Month of interview (hv006)

File: RECH0

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-4

## Year of interview (hv007)

File: RECH0

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2013-2013

## Date of interview (CMC) (hv008)

File: RECH0

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1358-1360

## Number of household members (hv009)

File: RECH0

### Overview

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

## Number of eligible women in household (hv010)

File: RECH0

### Overview

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

## 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: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-14

## Number of de facto members (hv013)

File: RECH0

### Overview

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

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

File: RECH0

### Overview

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

## 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: 1-30

## Number of visits (hv017)

File: RECH0

### Overview

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

## Interviewer identification (hv018)

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 11-123



## Keyer identification (hv019)

File: RECH0

### Overview

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

## 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: 1-159

## Sample strata for sampling errors (hv022)

File: RECH0

### Overview

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

## Stratification used in sample design (hv023)

File: RECH0

### Overview

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

## Region (hv024)

File: RECH0

**Overview**

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

## 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: 3  
 Decimals: 0  
 Range: 11-121

## NA - Field editor (hv031)

File: RECH0

**Overview**

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

## Office editor (hv032)

File: RECH0

**Overview**

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

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

File: RECH0

**Overview**

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

## NA - Cluster altitude in meters (hv040)

File: RECH0

**Overview**

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

## NA - Total adults measured (hv041)

File: RECH0

## NA - Total adults measured (hv041)

File: RECH0

**Overview**

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

## NA - 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

## Case Identification (hhid)

File: RECH1

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Line number (hvidx)

File: RECH1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-14

## 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

## 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: 0-99

## NA - Highest educational level attained (hv106)

File: RECH1

### Overview

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

## NA - Highest year of education completed (hv107)

File: RECH1

### Overview

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

## NA - Education completed in single years (hv108)

File: RECH1

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 97-98

## NA - Educational attainment (hv109)

File: RECH1

### Overview

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

## NA - Member still in school (hv110)

File: RECH1

### Overview

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

## NA - Mother alive (hv111)

File: RECH1

### Overview

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

## NA - Mother's line number (hv112)

File: RECH1

### Overview

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

## NA - Father alive (hv113)

File: RECH1

### Overview

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

## NA - Father's line number (hv114)

File: RECH1

**Overview**

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

## Current marital status (hv115)

File: RECH1

**Overview**

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

## Currently, formerly, never married (hv116)

File: RECH1

**Overview**

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

## Eligibility for female interview (hv117)

File: RECH1

**Overview**

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

## NA - Eligibility for male interview (hv118)

File: RECH1

**Overview**

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



## NA - Children eligibility for height/weight and hemoglobin (hv120)

### File: RECH1

#### Overview

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

## NA - Member attended school during current school year (hv121)

### File: RECH1

#### Overview

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

## NA - Educational level during current school year (hv122)

### File: RECH1

#### Overview

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

## NA - Grade of education during current school year (hv123)

### File: RECH1

#### Overview

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

## NA - Education in single years - current school year (hv124)

### File: RECH1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 97-98

## NA - Member attended school during previous school year (hv125)

### File: RECH1

#### Overview

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

## NA - Educational level during previous school year (hv126)

### File: RECH1

#### Overview

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

## NA - Grade of education during previous school year (hv127)

### File: RECH1

#### Overview

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

## NA - Education in single years - previous school year (hv128)

### File: RECH1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 97-98

## NA - School attendance status (hv129)

### File: RECH1

#### Overview

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

## NA - Member has a birth certificate (hv140)

### File: RECH1

#### Overview

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

## Case Identification (hhid)

File: RECH2

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Source of drinking water (hv201)

File: RECH2

**Overview**

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

## NA - Source of non-drinking water (hv202)

File: RECH2

**Overview**

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

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

File: RECH2

**Overview**

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

## Type of toilet facility (hv205)

File: RECH2

**Overview**

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

## Has electricity (hv206)

File: RECH2

## Has electricity (hv206)

File: RECH2

### Overview

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

## Has radio (hv207)

File: RECH2

### Overview

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

## Has television (hv208)

File: RECH2

### Overview

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

## Has refrigerator (hv209)

File: RECH2

### Overview

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

## Has bicycle (hv210)

File: RECH2

### Overview

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

## Has motorcycle/scooter (hv211)

File: RECH2

### Overview

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

## Has car/truck (hv212)

File: RECH2

### Overview

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

## Main floor material (hv213)

File: RECH2

### Overview

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

## 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: 10-99

## Number of rooms used for sleeping (hv216)

File: RECH2

### Overview

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

## 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: 15-99

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

File: RECH2

### Overview

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

## 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



## NA - Place where household members wash their hands (hv230a)

File: RECH2

### Overview

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

## NA - Presence of water at hand washing place (hv230b)

File: RECH2

### Overview

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

## NA - Items present: Soap or detergent (hv232)

File: RECH2

### Overview

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

## NA - Items present: Ash, mud, sand (hv232b)

File: RECH2

### Overview

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

## NA - Items present: CS (hv232c)

File: RECH2

### Overview

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

NA - Items present: CS (hv232d)

File: RECH2

#### Overview

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

NA - Items present: CS (hv232e)

File: RECH2

#### Overview

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

NA - Items present: None (hv232y)

File: RECH2

#### Overview

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

NA - Result of salt test for iodine (PPM) (hv234)

File: RECH2

#### Overview

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

NA - Result of salt test for iodine (hv234a)

File: RECH2

#### Overview

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

## Location of source for water (hv235)

File: RECH2

### Overview

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

## NA - Person fetching water (hv236)

File: RECH2

### Overview

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

## NA - Anything done to water to make safe to drink (hv237)

File: RECH2

### Overview

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

## NA - Water usually treated by: boil (hv237a)

File: RECH2

### Overview

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

## NA - Water usually treated by: add bleach/chlorine (hv237b)

File: RECH2

### Overview

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

NA - Water usually treated by: strain through a cloth (hv237c)

File: RECH2

#### Overview

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

NA - Water usually treated by: use water filter (hv237d)

File: RECH2

#### Overview

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

NA - Water usually treated by: solar disinfection (hv237e)

File: RECH2

#### Overview

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

NA - Water usually treated by: let it stand and settle (hv237f)

File: RECH2

#### Overview

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

NA - Water usually treated by: CS (hv237g)

File: RECH2

#### Overview

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

NA - Water usually treated by: CS (hv237h)

File: RECH2

#### Overview

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

NA - Water usually treated by: CS (hv237i)

File: RECH2

#### Overview

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

NA - Water usually treated by: CS (hv237j)

File: RECH2

#### Overview

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

NA - Water usually treated by: CS (hv237k)

File: RECH2

#### Overview

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

NA - Water usually treated by: other (hv237x)

File: RECH2

#### Overview

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

NA - Water usually treated by: don't know (hv237z)

File: RECH2

#### Overview

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

Number of households sharing toilet (hv238)

File: RECH2

#### Overview

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

NA - Food cooked on stove or open fire (hv239)

File: RECH2

#### Overview

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

NA - Household has a chimney, hood or neither (hv240)

File: RECH2

#### Overview

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

NA - Food cooked in the house/ separate building/ outdoors (hv241)

File: RECH2

#### Overview

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

## NA - Household has separate room used as kitchen (hv242)

File: RECH2

### Overview

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

## Has mobile telephone (hv243a)

File: RECH2

### Overview

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

## Has watch (hv243b)

File: RECH2

### Overview

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

## Has animal-drawn cart (hv243c)

File: RECH2

### Overview

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

## Has boat with a motor (hv243d)

File: RECH2

### Overview

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

## 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: 0-999

## Owns livestock, herds or farm animals (hv246)

File: RECH2

**Overview**

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

## Owns cattle (hv246a)

File: RECH2

**Overview**

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

## Owns cows/ bulls (hv246b)

File: RECH2

**Overview**

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



## Owns horses/ donkeys/ mules (hv246c)

File: RECH2

**Overview**

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

## Owns goats (hv246d)

File: RECH2

**Overview**

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

## Owns sheep (hv246e)

File: RECH2

**Overview**

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

## Owns chickens (hv246f)

File: RECH2

**Overview**

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

## NA - Owns local cows (hv246g)

File: RECH2

**Overview**

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

## Owns milk cows (hv246h)

File: RECH2

**Overview**

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

## Owns bulls (hv246i)

File: RECH2

**Overview**

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

## Owns Pigs (hv246j)

File: RECH2

**Overview**

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

## Owns Rabbits (hv246k)

File: RECH2

**Overview**

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

## Has bank account (hv247)

File: RECH2

**Overview**

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

## NA - Frequency household members smoke inside the house (hv252)

File: RECH2

### Overview

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

## Has dwelling been sprayed against mosquitoes in last 12 months (hv253)

File: RECH2

### Overview

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

## Dwelling sprayed by: government worker/program (hv253a)

File: RECH2

### Overview

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

## Dwelling sprayed by: private company (hv253b)

File: RECH2

### Overview

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

## Dwelling sprayed by: NGO (hv253c)

File: RECH2

### Overview

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

NA - Dwelling sprayed by: CS (hv253d)

File: RECH2

#### Overview

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

NA - Dwelling sprayed by: CS (hv253e)

File: RECH2

#### Overview

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

NA - Dwelling sprayed by: CS (hv253f)

File: RECH2

#### Overview

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

NA - Dwelling sprayed by: CS (hv253g)

File: RECH2

#### Overview

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

NA - Dwelling sprayed by: CS (hv253h)

File: RECH2

#### Overview

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

Dwelling sprayed by: other (hv253x)

File: RECH2

#### Overview

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

Dwelling sprayed by: don't know (hv253z)

File: RECH2

#### Overview

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

NA - Wealth index (hv270)

File: RECH2

#### Overview

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

NA - Wealth index factor score (5 decimals) (hv271)

File: RECH2

#### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -150053-572208

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: 0-4

## Case Identification (hhid)

File: RECH3

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Has computer (sh107g)

File: RECH3

**Overview**

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

## Has boat without a motor (sh113g)

File: RECH3

**Overview**

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

## When nets usually washed (sh131)

File: RECH3

**Overview**

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

## Why nets are washed (sh132)

File: RECH3

**Overview**

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

## Type of soap used to wash nets (sh132a)

File: RECH3

## Type of soap used to wash nets (sh132a)

File: RECH3

### Overview

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

## Net color preference (sh133)

File: RECH3

### Overview

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



## Case Identification (hhid)

File: RECHMH

### Overview

Type: Discrete  
Format: character  
Width: 5

## Index to Household Schedule (hmhidx)

File: RECHMH

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-14

## 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: 0-6

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

File: RECHMH

### Overview

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

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: 0-99

NA - Age in months (for children) (hml16a)

File: RECHMH

#### Overview

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

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

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

File: RECHMH

### Overview

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

## NA - Read consent statement for malaria (hml31)

File: RECHMH

### Overview

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

## 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: malari (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: v wax (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

## NA - Result of malaria measurement (hml33)

File: RECHMH

**Overview**

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

## Bar code for blood smear sample (hml34)

File: RECHMH

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## NA - Result of malaria rapid test (hml35)

File: RECHMH

**Overview**

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

## Case Identification (hhid)

File: RECHML

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## 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: 0-9

## Months ago net obtained (hml4)

File: RECHML

**Overview**

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

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

File: RECHML

**Overview**

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

## Net treatment status (hml6)

File: RECHML

## Net treatment status (hml6)

File: RECHML

### Overview

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

## Brand of net (hml7)

File: RECHML

### Overview

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

## Net treated since receiving (hml8)

File: RECHML

### Overview

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

## Time since last re-treatment (months) (hml9)

File: RECHML

### Overview

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

## 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: 0-9

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

File: RECHML

### Overview

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

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

File: RECHML

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-14

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

File: RECHML

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-13



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

File: RECHML

#### Overview

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

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

File: RECHML

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 3-10

How net was obtained (sh124a)

File: RECHML

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 11-99

Net has holes equal to or larger than the tip of a thumb (sh128)

File: RECHML

#### Overview

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

Net shape (sh128a)

File: RECHML

#### Overview

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

Times net was washed since got it (sh128b)

File: RECHML

#### Overview

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

## Case Identification (hhid)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Case Identification (caseid)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## 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: 1-159

## Household number (v002)

File: REC01

**Overview**

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

## Respondent's line number (v003)

File: REC01

**Overview**

## Respondent's line number (v003)

File: REC01

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-13

## Ultimate area unit (v004)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-159

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

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 0-2448719

## Month of interview (v006)

File: REC01

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 2-4

## Year of interview (v007)

File: REC01

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2013-2013

## Date of interview (CMC) (v008)

File: REC01

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1358-1360

## 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: 1963-1998

## Date of birth (CMC) (v011)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 759-1180

## 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: 1-30

## NA - CMC start of calendar (v017)

File: REC01

### Overview

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

## NA - Row of month of interview (v018)

File: REC01

**Overview**

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

## NA - Length of calendar (v019)

File: REC01

**Overview**

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

## NA - Number of calendar columns (v019a)

File: REC01

**Overview**

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

## 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: 1-159

## Sample strata for sampling errors (v022)

File: REC01

### Overview

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

## Stratification used in sample design (v023)

File: REC01

### Overview

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

## Region (v024)

File: REC01

### Overview

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

## Type of place of residence (v025)

File: REC01

### Overview

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

## NA - e 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: 1-3

## Interviewer identification (v028)

File: REC01

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 11-123

## Keyer identification (v029)

File: REC01

### Overview

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

## Field supervisor (v030)

File: REC01

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 11-121

## NA - Field editor (v031)

File: REC01

### Overview

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

## Office editor (v032)

File: REC01

**Overview**

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

## NA - Line number of husband (v034)

File: REC01

**Overview**

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

## NA - Cluster altitude in meters (v040)

File: REC01

**Overview**

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

## NA - Household selected for hemoglobin (v042)

File: REC01

**Overview**

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

## NA - Selected for Domestic Violence module (v044)

File: REC01

**Overview**

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

## Case Identification (hhid)

File: REC11

**Overview**

Type: Discrete

Format: character

Width: 5

## Case Identification (caseid)

File: REC11

**Overview**

Type: Discrete

Format: character

Width: 8

## Region (v101)

File: REC11

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 1-5

## Type of place of residence (v102)

File: REC11

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 1-2

## NA - Childhood place of residence (v103)

File: REC11

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 0-4

## NA - Years lived in place of residence (v104)

File: REC11

**Overview**

## NA - Years lived in place of residence (v104)

File: REC11

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

## NA - Type of place of previous residence (v105)

File: REC11

### Overview

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

## Highest educational level (v106)

File: REC11

### Overview

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

## Highest year of education (v107)

File: REC11

### Overview

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

## 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: 1-999

## Type of toilet facility (v116)

File: REC11

**Overview**

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

## Household has: electricity (v119)

File: REC11

**Overview**

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

## Household has: radio (v120)

File: REC11

**Overview**

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

## Household has: television (v121)

File: REC11

**Overview**

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

## Household has: refrigerator (v122)

File: REC11

**Overview**

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

## Household has: bicycle (v123)

File: REC11

**Overview**

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

## Household has: motorcycle/scooter (v124)

File: REC11

**Overview**

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

## Household has: car/truck (v125)

File: REC11

**Overview**

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

## Main floor material (v127)

File: REC11

**Overview**

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

## 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: 10-99

## Religion (v130)

File: REC11

### Overview

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

## NA - Ethnicity (v131)

File: REC11

### Overview

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

## Education in single years (v133)

File: REC11

### Overview

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

## NA - De facto place of residence (v134)

File: REC11

### Overview

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

## 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: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-14

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

File: REC11

### Overview

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

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

File: REC11

### Overview

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



## 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

## NA - De jure place of residence (v141)

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: 0-9

## All woman factor - total (awfactt)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 100-100

## All woman factor - urban/rural (awfactu)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 100-100

## All woman factor - regional (awfactr)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 100-100

## All woman factor - educational (awfacte)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 100-100

## All woman factor - wealth index (awfactw)

File: REC11

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 100-100

## Literacy (v155)

File: REC11

### Overview

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

## NA - Ever participated in a literacy program outside of primary (v156)

File: REC11

### Overview

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

## NA - Frequency of reading newspaper or magazine (v157)

File: REC11

### Overview

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

## NA - Frequency of listening to radio (v158)

File: REC11

### Overview

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

## NA - Frequency of watching television (v159)

File: REC11

### Overview

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

## 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

## NA - Result of salt test for iodine (v166)

File: REC11

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-997

## NA - Number of trips in last 12 months (v167)

File: REC11

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-90

## NA - Away for more than one month in last 12 months (v168)

File: REC11

**Overview**

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

## NA - Wealth index (v190)

File: REC11

**Overview**

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

## NA - Wealth index factor score (5 decimals) (v191)

File: REC11

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -150053-572208

# 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: 5

## Case Identification (caseid)

File: REC21

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## 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: 1  
 Decimals: 0  
 Range: 1-5

## 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**

## Month of birth (b1)

File: REC21

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: 2007-2013

## Date of birth (CMC) (b3)

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1285-1360

## 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



## NA - Age at death (b6)

File: REC21

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 100-998

## NA - Age at death (months, imputed) (b7)

File: REC21

**Overview**

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

## Current age of child (b8)

File: REC21

**Overview**

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

## 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: 1-8

## Preceding birth interval (months) (b11)

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 9-73

## Succeeding birth interval (months) (b12)

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 9-73

## NA - Flag for age at death (b13)

File: REC21

### Overview

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

## Live birth between births (b15)

File: REC21

### Overview

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

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

File: REC21

### Overview

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

## Case Identification (hhid)

File: REC22

**Overview**

Type: Discrete

Format: character

Width: 5

## Case Identification (caseid)

File: REC22

**Overview**

Type: Discrete

Format: character

Width: 8

## Total children ever born (v201)

File: REC22

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 0-14

## Sons at home (v202)

File: REC22

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 0-6

## Daughters at home (v203)

File: REC22

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 0-7

## Sons elsewhere (v204)

File: REC22

**Overview**

## Sons elsewhere (v204)

File: REC22

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

## Daughters elsewhere (v205)

File: REC22

### Overview

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

## Sons who have died (v206)

File: REC22

### Overview

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

## Daughters who have died (v207)

File: REC22

### Overview

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

## 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: 0-2

## 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: 1  
Decimals: 0  
Range: 1-9

## Number of living children (v218)

File: REC22

### Overview

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

## Living children + current pregnancy (v219)

File: REC22

### Overview

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

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

File: REC22

### Overview

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

## NA - Marriage to first birth interval (months) (v221)

File: REC22

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 996-996

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

File: REC22

### Overview

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

## 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

## NA - Index last child prior to maternity-health (calendar) (v235)

File: REC22

### Overview

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

## Birth between last and interview (v237)

File: REC22

### Overview

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

## Births in last three years (v238)

File: REC22

### Overview

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

## Case Identification (hhid)

File: REC41

**Overview**

Type: Discrete

Format: character

Width: 5

## Case Identification (caseid)

File: REC41

**Overview**

Type: Discrete

Format: character

Width: 8

## 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/medical assistant (m2b)

File: REC41

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 0-1

## Prenatal: midwife (m2c)

File: REC41

**Overview**



## Prenatal: midwife (m2c)

File: REC41

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 health worker (m2h)

File: REC41

### Overview

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

## Prenatal: community health mother and child (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

## Prenatal: other (m2k)

File: REC41

### Overview

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

## NA - 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

## Case Identification (hhid)

File: REC42

**Overview**

Type: Discrete

Format: character

Width: 5

## Case Identification (caseid)

File: REC42

**Overview**

Type: Discrete

Format: character

Width: 8

## Entries in maternity table (v417)

File: REC42

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 0-1

## Entries in health table (v418)

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

## Case Identification (hhid)

File: REC43

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Case Identification (caseid)

File: REC43

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Index to birth history (hidx)

File: REC43

**Overview**

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

## Had fever in last two weeks (h22)

File: REC43

**Overview**

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

## Fever/cough: referral hospital (h32a)

File: REC43

**Overview**

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

## Fever/cough: district hospital (h32b)

File: REC43

**Overview**

## Fever/cough: district hospital (h32b)

File: REC43

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

## Fever/cough: health center (h32c)

File: REC43

**Overview**

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

## Fever/cough: health post (h32d)

File: REC43

**Overview**

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

## Fever/cough: outreach (h32e)

File: REC43

**Overview**

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

## Fever/cough: community health worker (h32f)

File: REC43

**Overview**

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

## Fever/cough: Other public facility (h32g)

File: REC43

### Overview

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

## NA - Fever/cough: CS public sector (h32h)

File: REC43

### Overview

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

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

File: REC43

### Overview

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

## NA - Fever/cough: private hospital/ clinic (h32j)

File: REC43

### Overview

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

## Fever/cough: private pharmacy (h32k)

File: REC43

### Overview

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



## NA - Fever/cough: private doctor (h32l)

File: REC43

**Overview**

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

## Fever/cough: polyclinic (h32m)

File: REC43

**Overview**

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

## Fever/cough: clinic (h32n)

File: REC43

**Overview**

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

## Fever/cough: dispensary (h32o)

File: REC43

**Overview**

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

## Fever/cough: other private medical (h32p)

File: REC43

**Overview**

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

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

File: REC43

**Overview**

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

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

File: REC43

**Overview**

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

## Fever/cough: Kiosk (h32s)

File: REC43

**Overview**

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

## Fever/cough: traditional practitioner (h32t)

File: REC43

**Overview**

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

## Fever/cough: CS other sector (h32u)

File: REC43

**Overview**

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

## Fever/cough: Friend / relative (h32v)

File: REC43

**Overview**

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

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

File: REC43

**Overview**

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

## Fever/cough: other (h32x)

File: REC43

**Overview**

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

## Fever/cough: no treatment (h32y)

File: REC43

**Overview**

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

## Fever/cough: medical treatment (h32z)

File: REC43

**Overview**

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

## NA - SP/Fansidar taken for fever/cough (h37a)

File: REC43

**Overview**

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

## NA - Chloroquine taken for fever/cough (h37b)

File: REC43

**Overview**

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

## NA - Amodiaquine taken for fever/cough (h37c)

File: REC43

**Overview**

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

## NA - Quinine taken for fever/cough (h37d)

File: REC43

**Overview**

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

## NA - Combination with artemisinin taken for fever/cough (h37e)

File: REC43

**Overview**

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

## NA - CS antimalarial taken for fever/cough (h37f)

File: REC43

**Overview**

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

## NA - CS antimalarial taken for fever/cough (h37g)

File: REC43

**Overview**

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

## NA - Other antimalarial taken for fever/cough (h37h)

File: REC43

**Overview**

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

## NA - Antibiotic pill/syrup taken for fever/cough (h37i)

File: REC43

**Overview**

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

## NA - Antibiotic injection taken for fever/cough (h37j)

File: REC43

**Overview**

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

## NA - Aspirin taken for fever/cough (h37k)

File: REC43

**Overview**

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

## NA - Acetaminophen/paracetamol/panadol taken for fever/cough (h37l)

File: REC43

**Overview**

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

## NA - Ibuprofen taken for fever/cough (h37m)

File: REC43

**Overview**

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

## NA - CS other taken for fever/cough (h37n)

File: REC43

**Overview**

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

## NA - CS other for fever/cough (h37o)

File: REC43

**Overview**

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

## NA - CS other for fever/cough (h37p)

File: REC43

**Overview**

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

## NA - Other taken for fever/cough (h37x)

File: REC43

**Overview**

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

## NA - Nothing taken for fever/cough (h37y)

File: REC43

**Overview**

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

## NA - Don't know if or what was taken for fever/cough (h37z)

File: REC43

**Overview**

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

## Place first sought treatment for fever (h46a)

File: REC43

**Overview**

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

## NA - Days after fever sought advice or treatment (h46b)

File: REC43

### Overview

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

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

File: REC43

### Overview

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



## Case Identification (hhid)

File: REC81

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Case Identification (caseid)

File: REC81

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

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

File: REC81

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 600-9999

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

File: REC81

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 606-9999

## Length of interview in minutes (v803)

File: REC81

**Overview**

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

## Number of visits (v804)

File: REC81

**Overview**

## Number of visits (v804)

File: REC81

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

## Interviewer identification (v805)

File: REC81

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 11-123

## Keyer identification (v806)

File: REC81

### Overview

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

## NA - Presence of children < 10 for 'Wife beating justified' questions (v811)

File: REC81

### Overview

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

## NA - Presence of husband for 'Wife beating justified' questions (v812)

File: REC81

### Overview

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

## NA - Presence of other males for 'Wife beating justified' questions (v813)

File: REC81

### Overview

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

## NA - Presence of other females for 'Wife beating justified' questions (v814)

File: REC81

### Overview

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

## NA - Presence of children < 10 during sexual activity section (v815a)

File: REC81

### Overview

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

## NA - Presence of male adults during sexual activity section (v815b)

File: REC81

### Overview

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

## NA - Presence of female adults during sexual activity section (v815c)

File: REC81

### Overview

## NA - Presence of female adults during sexual activity section (v815c)

File: REC81

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

## Case Identification (hhid)

File: REC91

**Overview**

Type: Discrete

Format: character

Width: 5

## Case Identification (caseid)

File: REC91

**Overview**

Type: Discrete

Format: character

Width: 8

## 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: 0-5

## Highest grade completed at level (s106)

File: REC91

**Overview**

Type: Continuous

Format: numeric

Width: 2

Decimals: 0

Range: 0-99

## Heard of malaria (s109a)

File: REC91

**Overview**

## Heard of malaria (s109a)

File: REC91

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

## fever: Knows malaria sign/symptom (s109ba)

File: REC91

### Overview

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

## feeling cold: knows malaria sign/symptom (s109bb)

File: REC91

### Overview

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

## Headache: knows malaria sign/symptom (s109bc)

File: REC91

### Overview

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

## Nausea and vomiting: knows malaria sign/symptom (s109bd)

File: REC91

### Overview

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

Diarrhea: knows malaria sign/symptom (s109be)

File: REC91

#### Overview

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

Dizziness: knows malaria sign/symptom (s109bf)

File: REC91

#### Overview

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

Loss of appetite: knows malaria sign/symptom (s109bg)

File: REC91

#### Overview

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

Body ache or joint pain: knows malaria sign/symptom (s109bh)

File: REC91

#### Overview

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

Pale eyes: knows malaria sign/symptom (s109bi)

File: REC91

#### Overview

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

Salty tasting palms: knows malaria sign/symptom (s109bj)

File: REC91

#### Overview

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

Body weakness: knows malaria sign/symptom (s109bk)

File: REC91

#### Overview

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

Refusing to eat or drink: knows malaria sign/symptom (s109bl)

File: REC91

#### Overview

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

Sign for severe malaria: knows malaria sign/symptom (s109bm)

File: REC91

#### Overview

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

Other: knows malaria sign/symptom (s109bx)

File: REC91

#### Overview

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



## Mosquito bites: knows cause of malaria (s109ca)

File: REC91

**Overview**

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

## Eating immature sugarcane: knows cause of malaria (s109cb)

File: REC91

**Overview**

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

## Eating dirty food: knows cause of malaria (s109cc)

File: REC91

**Overview**

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

## Drinking dirty water: knows cause of malaria (s109cd)

File: REC91

**Overview**

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

## Getting soaked with rain: knows cause of malaria (s109ce)

File: REC91

**Overview**

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

## Cold or changing weather: knows cause of malaria (s109cf)

File: REC91

**Overview**

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

## Witchcraft: knows cause of malaria (s109cg)

File: REC91

**Overview**

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

## Other: knows cause of malaria (s109cx)

File: REC91

**Overview**

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

## Don't know: knows cause of malaria (s109cz)

File: REC91

**Overview**

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

## Protect against malaria by: sleep under a mosquito net (s109da)

File: REC91

**Overview**

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

Protect against malaria by: sleep under an insecticide treated mosquito net (s109db)

File: REC91

#### Overview

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

Protect against malaria by: use mosquito repellent (s109dc)

File: REC91

#### Overview

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

Protect against malaria by: avoid mosquito bites (s109dd)

File: REC91

#### Overview

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

Protect against malaria by: take preventive medication (s109de)

File: REC91

#### Overview

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

Protect against malaria by: spray house with insecticide (s109df)

File: REC91

#### Overview

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

Protect against malaria by: use mosquito coils (s109dg)

File: REC91

#### Overview

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

Protect against malaria by: cut the grass around the house (s109dh)

File: REC91

#### Overview

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

Protect against malaria by: fill in puddles (s109di)

File: REC91

#### Overview

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

Protect against malaria by: keep house surroundings clean (s109dj)

File: REC91

#### Overview

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

Protect against malaria by: burn leaves (s109dk)

File: REC91

#### Overview

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

Protect against malaria by: do not drink dirty water (s109dl)

File: REC91

#### Overview

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

Protect against malaria by: do not eat bad food (s109dm)

File: REC91

#### Overview

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

Protect against malaria by: put mosquito screens on the windows (s109dn)

File: REC91

#### Overview

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

Protect against malaria by: do not get soaked with rain (s109do)

File: REC91

#### Overview

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

Protect against malaria by: other (s109dx)

File: REC91

#### Overview

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

## Protect against malaria by: Don't know (s109dz)

File: REC91

**Overview**

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

## Knows location can receive treatment for malaria: referral hospital (s109ea)

File: REC91

**Overview**

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

## Knows location can receive treatment for malaria: district hospital (s109eb)

File: REC91

**Overview**

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

## Knows location can receive treatment for malaria: health center (s109ec)

File: REC91

**Overview**

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

## Knows location can receive treatment for malaria: health post (s109ed)

File: REC91

**Overview**

Knows location can receive treatment for malaria: health post  
(s109ed)

File: REC91

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

Knows location can receive treatment for malaria: outreach  
(s109ee)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: community  
health worker (s109ef)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: other public  
facility (s109eg)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: polyclinic  
(s109eh)

File: REC91

#### Overview

Knows location can receive treatment for malaria: polyclinic  
(s109eh)

File: REC91

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

Knows location can receive treatment for malaria: clinic (s109ei)  
File: REC91

#### Overview

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

Knows location can receive treatment for malaria: dispensary  
(s109ej)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: pharmacy  
(s109ek)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: other private  
medical facility (s109el)

File: REC91

#### Overview



Knows location can receive treatment for malaria: other private medical facility (s109el)

File: REC91

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

Knows location can receive treatment for malaria: kiosk (s109em)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: traditional practitioner (s109en)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: church (s109eo)

File: REC91

#### Overview

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

Knows location can receive treatment for malaria: friend/relative (s109ep)

File: REC91

#### Overview

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

## Knows location can receive treatment for malaria: other (s109ex) File: REC91

### Overview

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

## Knows location can receive treatment for malaria: don't know (s109ez) File: REC91

### Overview

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

## Seen or heard messages about malaria in the last six months (s111) File: REC91

### Overview

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

## Where heard or seen malaria messages: radio (s112a) File: REC91

### Overview

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

## Where heard or seen malaria messages: television (s112b) File: REC91

### Overview

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

Where heard or seen malarial messages: poster or billboard  
(s112c)

File: REC91

#### Overview

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

Where heard or seen malarial messages: community health  
worker (s112d)

File: REC91

#### Overview

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

Where heard or seen malarial messages: at community event  
(s112e)

File: REC91

#### Overview

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

Where heard or seen malarial messages: other (s112f)

File: REC91

#### Overview

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

Number of births in last 6 years (s210)

File: REC91

#### Overview

## Number of births in last 6 years (s210)

File: REC91

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

## Case Identification (hhid)

File: RECML

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Case Identification (caseid)

File: RECML

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## 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

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

File: RECML

**Overview**

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

## NA - Source of antimalarial during pregnancy (ml2)

File: RECML

**Overview**

## NA - Source of antimalarial during pregnancy (ml2)

File: RECML

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

## NA - Fansidar taken for fever/cough (ml13a)

File: RECML

### Overview

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

## NA - Chloroquine taken for fever/cough (ml13b)

File: RECML

### Overview

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

## NA - Amodiaquine taken for fever/cough (ml13c)

File: RECML

**Overview**

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

## Quinine taken for fever/cough (ml13d)

File: RECML

**Overview**

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

## Combination with artemisinin taken for fever/cough (ml13e)

File: RECML

**Overview**

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

## Primo antimalarial taken for fever/cough (ml13f)

File: RECML

**Overview**

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

## Arthemether taken for fever/cough (ml13g)

File: RECML

**Overview**

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

## Other antimalarial taken for fever/cough (ml13h)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Antibiotic injection taken for fever/cough (ml13j)

File: RECML

### Overview

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

## Aspirin taken for fever/cough (ml13k)

File: RECML

### Overview

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

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

File: RECML

### Overview

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



## Ibuprofen taken for fever/cough (ml13m)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## NA - CS other taken for fever/cough (ml13p)

File: RECML

### Overview

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

## Other taken for fever/cough (ml13x)

File: RECML

### Overview

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

Nothing taken 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/cough (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

NA - 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

NA - 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

## NA - 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: 0-8

## 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: 0-9

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

## Timing of start of primo (ml21a)

File: RECML

### Overview

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

## 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: 0-9

## 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

## Related Materials

### Questionnaires

#### Malaria Indicator Survey 2013, Household Questionnaire

---

Title Malaria Indicator Survey 2013, Household Questionnaire  
 Author(s) Malaria and Other Parasitic Diseases Division of the Rwanda Biomedical Center  
 Date 2012-09-24  
 Country Rwanda  
 Language English  
 Filename Rwanda\_2013\_MIS\_HH\_questionnaire.pdf

---

#### Malaria Indicator Survey 2013, Woman's Questionnaire

---

Title Malaria Indicator Survey 2013, Woman's Questionnaire  
 Author(s) Malaria and Other Parasitic Diseases Division of the Rwanda Biomedical Center  
 Date 2012-09-24  
 Country Rwanda  
 Language English  
 Filename Rwanda\_2013\_MIS\_woman\_questionnaire.pdf

---

### Reports

#### Malaria Indicator Survey 2013

---

Title Malaria Indicator Survey 2013  
 Author(s) Malaria and Other Parasitic Diseases Division of the Rwanda Biomedical Center, Ministry of Health, Kigali, Rwanda ICF International, Rockville, Maryland, USA  
 Date 2014-04-01  
 Country Rwanda  
 Language English

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Filename <http://dhsprogram.com/pubs/pdf/MIS16/MIS16.pdf>

## Key Findings from the 2013 Rwanda Malaria Indicator Survey

Title Key Findings from the 2013 Rwanda Malaria Indicator Survey

Author(s) The DHS Program

Date 2014-05-01

Country Rwanda

Language English

Filename <http://dhsprogram.com/pubs/pdf/MF10/MF10.pdf>

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