# Angola - Malaria Indicator Survey 2011

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# Sampling

## Sampling Procedure

OBJECTIVES OF THE SAMPLING DESIGN
(1) The 2011 AMIS survey was designed to determine reliable malaria prevalence estimates among children under age 5 at the various domains of interest (when feasible) and mortality estimates for children under age 5.
(2) The major domains to be distinguished in the tabulation of key indicators are:
- Angola at the national level
- The majority of indicators for each of the four domains defined for Angola and classified as the following regions:
1) Hyperendemic region, high malaria prevalence
2) Mesoendemic Stable region, medium malaria prevalence
3) Mesoendemic Unstable region, medium malaria prevalence, though prevalence is affected by the amount of rain
4) Luanda province
- Urban and rural areas of Angola (each as a separate domain)
- Any contiguous group of provinces with an adequate sample size of at least 1,500 households
(3) The primary objective of the 2011 AMIS is to provide estimates with acceptable precision for important population indicators associated with each domain, such as:
a. Ownership and use of mosquito bednets.
b. Practices to treat malaria among children under age 5 and the use of specific antimalarial drugs
c. Prevalence of malaria and anemia among children age 6-59 months
d. Knowledge, attitudes, and practices regarding malaria in the general population

SAMPLE FRAME
Administratively, Angola is divided into 18 provinces, which can be grouped into eight subregions depending on how they share some common factors.2 In turn, each province is subdivided into municipalities (164 in total), and each municipality is divided into communes (532 in total). Each commune is classified as either urban or rural. In addition to these administrative units, in preparation for the last population census, each urban commune was subdivided into segments named census sections (CSs) that were equivalent to enumeration areas. The National Statistical Institute (INE) had been preparing cartographic materials, including a count of rooms and dwellings, for each CS in the urban areas. This material became an appropriate sampling frame for the 2011 AMIS. However, INE does not have updated cartographic material for the rural areas. To compensate for this lack, INE uses its regional offices to collect a list of villages, with estimated populations in each village, for most of the rural communes,. To develop the sample frame for the 2011 AMIS, the list of CSs was used for the urban communes and the list of villages was used for the rural communes.

STRATIFICATION
The communes were grouped by major region, by rural or urban location, by sub-region, and by province as a way to identify homogeneous sampling units. In addition, within each urban commune, several CSs were grouped, taking advantage of the existing neighborhoods (sub-districts) for stratification of the sample.

SAMPLE SIZE
The following table includes different scenarios used to select a sample size in a populationbased survey. In the absence of domains, the numbers are valid for the entire population; however, if analyses are expected for more than one domain, then the numbers should be interpreted as required for each domain.

SAMPLE ALLOCATION
The clusters for the implementation of the 2011 AMIS are defined on the basis of census sections (CSs) for urban communes and on the basis of villages for rural communes. The 240 clusters considered for the 2011 AMIS were equally allocated at 60 clusters in each domain. The target for the 2011 AMIS was to select about 8,800 households. Therefore, the sample take is on average 36 selected households per cluster (i.e., 8,800/240). Clusters are distributed as 96 in the urban areas and 144 in the rural areas.

Under the final sample allocation, it is expected that each of the four major malaria regions in Angola will provide a minimum of about 2,200 completed women interviews, 2,100 children under age 5, and 2,000 births in the last five years. Neither the distribution of the 240 clusters among major regions nor the distribution of households in the sample is proportional to the estimated population distribution. This is due to the disproportional number of CSs among major regions. As a result, the sample for the 2011 AMIS is not a selfweighted household sample. Therefore, the 2011 AMIS sample is unbalanced for residence areas and regions and will require the design of a final weighting adjustment procedure to provide representative estimates for all the study domains.

SAMPLE SELECTION

The sample for the 2011 AMIS was selected using a stratified three-stage cluster design consisting of 240 clusters, with 96 in urban areas and 144 in rural areas. In each urban or rural area in a given region, clusters are selected systematically with probability proportional to size.

The sampling procedures are fully described in Appendix A of " Angola Malaria Indicator Survey 2011 - Final Report" pp.43-48.

# Response Rate

A total of 8,806 households were selected, of which 8,493 were occupied. The total number of households interviewed was 8,030, yielding a household response rate of 95 percent.

A total of 8,746 eligible women were identified in these households, and interviews were completed for 8,589 women, yielding a response rate of 98 percent. Household response rates were 97 percent in urban areas and 93 percent in rural areas, and response rates for eligible women were 97 percent in urban areas and 99 percent in rural areas.

# Questionnaires

## Overview

Two types of questionnaires were used for the 2011 AMIS: a household questionnaire and another questionnaire for women age 15-49 in the households selected for the survey. The questionnaires were developed from the ones used for the 2006-07 malaria indicator survey, which followed the methodology of the Roll Back Malaria and MEASURE DHS programs.

The Household Questionnaire was used to list all the usual members and visitors who stayed in the selected households the night before the survey. It also identified women eligible for interviewing and children age 6-59 months eligible for anemia and malaria tests.

Basic information collected on the characteristics of each person included age, sex, and relationship to head of household. The Household Questionnaire was also used to collect information on characteristics of the household dwelling, such as the water source; type of toilet facilities; materials used for the roof, floors, and walls; possession of durable goods; and possession and use of mosquito nets.

The Woman's Questionnaire, used to collect information for all women age 15-49, covered the following topics:
- Sociodemographic characteristics of the respondent
- Birth history
- Prenatal care and intermittent preventive treatment (IPT) of malaria during pregnancy for the most recent birth
- Treatment of malaria symptoms in children
- Malaria knowledge

The survey protocol was submitted to and approved by the National Ethical Review Committee of the National Malaria Control Program and by the Institutional Review Board (IRB) of ICF Macro.

# Data Collection

## Data Collection Dates

| Start | End | Cycle |
|---|---|---|
| 2011-01 | 2011-05 | N/A |

## Data Collection Mode

Face-to-face [f2f]

**DATA COLLECTION NOTES**

Pretest
After adapting the questionnaires to ensure they took into account the local situation, interviewers and health technicians were hired to implement the pretest as well as the main training on the use of questionnaires and procedures in the field. The pretest took place in December 2010.

Fieldwork
Fieldwork started in January 2011, after training. Twelve teams were designated to carry out the fieldwork. Each team consisted of three interviewers, one supervisor, one editor, and one health technician. Fieldwork started in Luanda first, and other regions were visited afterward. Although fieldwork was initially planned to last three months, it was delayed by accessibility problems generated by heavy rains between January 2011 and April 2011, and lasted through May 2011.

## Data Collectors

| Name | Abbreviation | Affiliation |
|---|---|---|
| Consultoria de Servicos e Pesquisas–COSEP, Consultoria, Lda | | |
| Consultoria de Gestao e Administracao em Sade–Consade, Lda | | |

**SUPERVISION**

There is one supervisor for each of the 12 data collection teams in the field.

# Data Processing

## Data Editing

Data entry started two weeks after the beginning of fieldwork. Twelve data entry operators were used, six in the morning and six in the afternoon. They were supervised by the data processing manager, the questionnaire organizer, and the questionnaire editor. Control tables with data on interviewer and team performance were assessed periodically, especially during the first two weeks of fieldwork. The tables helped identify mistakes some teams made at the beginning of fieldwork; these mistakes resulted in extra supervisory field visits. Once the data entry was finalized, a consultant verified completeness of the questionnaires and consistency betwen data entry and the initial results.

# Data Appraisal

## Estimates of Sampling Error

The sample of respondents selected in the 2011 AMIS is only one of many samples that could have been selected from the same population, using the same sample design and expected size. Each of these samples would yield results that differ somewhat from the results of the actual sample selected. The variability that would be observed between all possible samples constitutes the sampling error. Although the degree of variability is not known exactly, it can be estimated from the sample actually selected.

A sampling error is usually measured in terms of the standard error (SE). The standard error for a mean, percentage, difference, or any other statistic calculated from the data in the sample can be defined as the square root of the variance, which is a measure of the variation in all possible samples. For example, for any given statistic calculated from the sample, 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 households had been selected as a simple random sample, it would have been possible to use straightforward formulas for calculating sampling errors and the limits for the confidence intervals. However, as has been mentioned, the 2011 AMIS sample is the result of a complex, multi-stage stratified design, and, consequently, it was necessary to use more complex formulas that take the effects of stratification and clustering into consideration. It was possible to calculate the sampling errors for the 2011 AMIS using a computer program known as Module for Sampling Errors, included in the computer package ISSA (Integrated System for Survey Analysis). This program processes percentages or medians as a ratio estimate $r = y/x$ where both the numerator $y$ and the denominator $x$ are random variables.

Sampling errors for the 2011 AMIS are calculated for selected variables considered to be of primary interest. The results are presented in this appendix for the country as a whole, for urban and rural areas, and for each endemic region. For each variable, the tables present the value of the statistic (R), its standard error (SE), the number of unweighted (N) and weighted (WN) cases, the design effect (DEFT), the relative standard error (SE/R), and the 95 percent confidence limits, i.e., the values R+2SE and R-2SE. The DEFT is considered undefined when the standard error for a simple random sample is zero (when the estimate is close to 0 or 1).

The confidence interval (for example, the one calculated for the variable "households with at least one ITN") can be interpreted the following way: the overall proportion from the national sample is 0.345 and the standard error is 0.014. To obtain the 95 percent confidence limits, one adds and subtracts twice the standard error to the sample estimate, i.e., 0.345 2 0.014. There is a high probability (95 percent) that the true average proportion of households with at least one ITN lies between 0.318 and 0.373.

For the total sample, the value of the design effect (DEFT), averaged over all variables, is 1.95. This means that, due to multi-stage clustering of the sample, the average standard error is increased by a factor of 1.95 over the value observed for a corresponding simple random sample. The actual precision differs from the precision expected during the design of the sample due to several factors: the final size of the sample versus the sample selected; the actual size of DEFT versus the expected; and the actual value of the estimate versus the expected estimate. In addition, the actual precision is different from the expected precision, separately, for each indicator.

The sampling errors are fully described in Appendix B of " Angola Malaria Indicator Survey 2011 - Final Report" pp.49-55.

## Other forms of Data Appraisal

A series of data quality tables are available to review the quality of the data and include the following:

- Age distribution of the household population
- Age distribution of eligible and interviewed women
- Completeness of reporting
- Births by calendar year
- Reporting of age at death in days
- Reporting of age at death in months

The results of each of these data quality tables are shown in Appendix C of "Angola Malaria Indicator Survey 2011 - Final Report" pp.57-60.

# File Description

# Variable List

# RECH0

| | |
|---|---|
| Content | HOUSEHOLD - Household's basic data |
| Cases | 8806 |
| Variable(s) | 40 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3601 | hhid | Case Identification | discrete | character | |
| V3602 | hv000 | Country code and phase | discrete | character | |
| V3603 | hv001 | Cluster number | contin | numeric | |
| V3604 | hv002 | Household number | contin | numeric | |
| V3605 | hv003 | Respondent's line number | discrete | numeric | |
| V3606 | hv004 | Ultimate area unit | contin | numeric | |
| V3607 | hv005 | Sample weight | contin | numeric | |
| V3608 | hv006 | Month of interview | discrete | numeric | |
| V3609 | hv007 | Year of interview | discrete | numeric | |
| V3610 | hv008 | Date of interview (CMC) | contin | numeric | |
| V3611 | hv009 | Number of household members | discrete | numeric | |
| V3612 | hv010 | Number of eligible women in HH | discrete | numeric | |
| V3613 | hv011 | NA - Number of eligible men in HH | discrete | numeric | |
| V3614 | hv012 | Number of de jure members | discrete | numeric | |
| V3615 | hv013 | Number of de facto members | discrete | numeric | |
| V3616 | hv014 | Number of children 5 and under | discrete | numeric | |
| V3617 | hv015 | Result of household interview | discrete | numeric | |
| V3618 | hv016 | Day of interview | contin | numeric | |
| V3619 | hv017 | Number of visits | discrete | numeric | |
| V3620 | hv018 | Interviewer identification | contin | numeric | |
| V3621 | hv019 | Keyer identification | contin | numeric | |
| V3622 | hv020 | Ever-married sample | discrete | numeric | |
| V3623 | hv021 | Primary sampling unit | contin | numeric | |
| V3624 | hv022 | Sample stratum number | discrete | numeric | |
| V3625 | hv023 | Sample stratum | discrete | numeric | |
| V3626 | hv024 | Region | discrete | numeric | |
| V3627 | hv025 | Type of place of residence | discrete | numeric | |
| V3628 | hv026 | NA - Place of residence | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V3629 | hv027 | NA - Selection for male/husb. int. | discrete | numeric | |
| V3630 | hv028 | NA - Sample weight for male subsamp | discrete | numeric | |
| V3631 | hv030 | Field supervisor | contin | numeric | |
| V3632 | hv031 | Field editor | contin | numeric | |
| V3633 | hv032 | Office editor | discrete | numeric | |
| V3634 | hv033 | NA - Ultimate area selection prob. | discrete | numeric | |
| V3635 | hv035 | Number of eligible children for height & weight | discrete | numeric | |
| V3636 | hv040 | Cluster altitude in meters | contin | numeric | |
| V3637 | hv041 | NA - Total adults measured | discrete | numeric | |
| V3638 | hv042 | Selection for hemoglobin | discrete | numeric | |
| V3639 | hv043 | NA - Selection for women's status module | discrete | numeric | |
| V3640 | hv044 | NA - Selection for domestic violence module | discrete | numeric | |

# RECH1

| | |
|---|---|
| Content | HOUSEHOLD - Household Schedule |
| Cases | 40600 |
| Variable(s) | 41 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3641 | hhid | Case Identification | discrete | character | |
| V3642 | hvidx | Line number | discrete | numeric | |
| V3643 | hv101 | Relationship to head | discrete | numeric | |
| V3644 | hv102 | Usual resident | discrete | numeric | |
| V3645 | hv103 | Slept last night | discrete | numeric | |
| V3646 | hv104 | Sex of household member | discrete | numeric | |
| V3647 | hv105 | Age of household members | discrete | numeric | |
| V3648 | hv106 | NA - Highest educational level | discrete | numeric | |
| V3649 | hv107 | NA - Highest year of education | discrete | numeric | |
| V3650 | hv108 | NA - Education in single years | discrete | numeric | |
| V3651 | hv109 | NA - Educational attainment | discrete | numeric | |
| V3652 | hv110 | NA - Member still in school | discrete | numeric | |
| V3653 | hv111 | NA - Mother alive | discrete | numeric | |
| V3654 | hv112 | NA - Mother's line number | discrete | numeric | |
| V3655 | hv113 | NA - Father alive | discrete | numeric | |
| V3656 | hv114 | NA - Father's line number | discrete | numeric | |
| V3657 | hv115 | NA - Current marital status | discrete | numeric | |
| V3658 | hv116 | NA - Currently, formerly, never m. | discrete | numeric | |
| V3659 | hv117 | Eligibility for female interview | discrete | numeric | |
| V3660 | hv118 | NA - Eligibility for male interview | discrete | numeric | |
| V3661 | hv120 | Children eligibility for height/weight and hemoglobin | discrete | numeric | |
| V3662 | hv121 | NA - Member attended school during current school year | discrete | numeric | |
| V3663 | hv122 | NA - Educational level during current school year | discrete | numeric | |
| V3664 | hv123 | NA - Grade of education during current school year | discrete | numeric | |
| V3665 | hv124 | NA - Education in single years - current school year | discrete | numeric | |
| V3666 | hv125 | NA - Member attended school during previous school year | discrete | numeric | |
| V3667 | hv126 | NA - Educational level during previous school year | discrete | numeric | |
| V3668 | hv127 | NA - Grade of education during previous school year | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V3669 | hv128 | NA - Education in single years - previous school year | discrete | numeric | |
| V3670 | hv129 | NA - School attendance status | discrete | numeric | |
| V3671 | hv130 | NA - Member has been very sick for 3+ months last year | discrete | numeric | |
| V3672 | hv131 | NA - Mother has been very sick for 3+ months last year | discrete | numeric | |
| V3673 | hv132 | NA - Father has been very sick for 3+ months last year | discrete | numeric | |
| V3674 | hv133 | NA - Mother/father dead or been very sick for 3+ months | discrete | numeric | |
| V3675 | hv134 | NA - Both parents alive | discrete | numeric | |
| V3676 | hv135 | NA - Has brothers/sisters under 18 of the same father and mother | discrete | numeric | |
| V3677 | hv136 | NA - Brothers/sisters under 18 that don't live in household | discrete | numeric | |
| V3678 | hv137 | NA - Member has a blanket | discrete | numeric | |
| V3679 | hv138 | NA - Member has a pair of shoes | discrete | numeric | |
| V3680 | hv139 | NA - Member has 2+ sets of clothes | discrete | numeric | |
| V3681 | hv140 | NA - Member has a birth certificate | discrete | numeric | |

# RECH2

| | |
|---|---|
| Content | HOUSEHOLD - Household Characteristics |
| Cases | 8030 |
| Variable(s) | 75 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3682 | hhid | Case Identification | discrete | character | |
| V3683 | hv201 | Source of drinking water | discrete | numeric | |
| V3684 | hv202 | NA - Source of non-drinking water | discrete | numeric | |
| V3685 | hv204 | NA - Time to get to water source | discrete | numeric | |
| V3686 | hv205 | Type of toilet facility | discrete | numeric | |
| V3687 | hv206 | Has electricity | discrete | numeric | |
| V3688 | hv207 | Has radio | discrete | numeric | |
| V3689 | hv208 | Has television | discrete | numeric | |
| V3690 | hv209 | Has refrigerator | discrete | numeric | |
| V3691 | hv210 | Has bicycle | discrete | numeric | |
| V3692 | hv211 | Has motorcycle/scooter | discrete | numeric | |
| V3693 | hv212 | Has car/truck | discrete | numeric | |
| V3694 | hv213 | Main floor material | discrete | numeric | |
| V3695 | hv214 | Main wall material | discrete | numeric | |
| V3696 | hv215 | Main roof material | discrete | numeric | |
| V3697 | hv216 | Rooms used for sleeping | contin | numeric | |
| V3698 | hv217 | Relationship structure | discrete | numeric | |
| V3699 | hv218 | Line number of head of househ. | discrete | numeric | |
| V3700 | hv219 | Sex of head of household | discrete | numeric | |
| V3701 | hv220 | Age of head of household | discrete | numeric | |
| V3702 | hv221 | NA - Has a landline telephone | discrete | numeric | |
| V3703 | hv225 | NA - Share toilet with other households | discrete | numeric | |
| V3704 | hv226 | Type of cooking fuel | discrete | numeric | |
| V3705 | hv227 | Have bednet for sleeping | discrete | numeric | |
| V3706 | hv228 | Children under 5 slept under bednet last night | discrete | numeric | |
| V3707 | hv234 | NA - Test salt for Iodine | discrete | numeric | |
| V3708 | hv235 | NA - Location of source for water | discrete | numeric | |
| V3709 | hv236 | NA - Person fetching water | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3710 | hv237 | NA - Anything done to water to make safe to drink | discrete | numeric | |
| V3711 | hv237a | NA - Water usually treated by: boil | discrete | numeric | |
| V3712 | hv237b | NA - Water usually treated by: add bleach/chlorine | discrete | numeric | |
| V3713 | hv237c | NA - Water usually treated by: strain through a cloth | discrete | numeric | |
| V3714 | hv237d | NA - Water usually treated by: use water filter | discrete | numeric | |
| V3715 | hv237e | NA - Water usually treated by: solar disinfection | discrete | numeric | |
| V3716 | hv237f | NA - Water usually treated by: let it stand and settle | discrete | numeric | |
| V3717 | hv237g | NA - Water usually treated by: CS | discrete | numeric | |
| V3718 | hv237h | NA - Water usually treated by: CS | discrete | numeric | |
| V3719 | hv237i | NA - Water usually treated by: CS | discrete | numeric | |
| V3720 | hv237j | NA - Water usually treated by: CS | discrete | numeric | |
| V3721 | hv237k | NA - Water usually treated by: CS | discrete | numeric | |
| V3722 | hv237x | NA - Water usually treated by: other | discrete | numeric | |
| V3723 | hv237z | NA - Water usually treated by: don't know | discrete | numeric | |
| V3724 | hv238 | NA - Number of households sharing toilet | discrete | numeric | |
| V3725 | hv239 | NA - Food cooked on stove or open fire | discrete | numeric | |
| V3726 | hv240 | NA - Household has a chimney, hood or neither | discrete | numeric | |
| V3727 | hv241 | NA - Food cooked in the house / in separate building / outdoors | discrete | numeric | |
| V3728 | hv242 | NA - Household has separate room used as kitchen | discrete | numeric | |
| V3729 | hv243a | Has a mobile telephone | discrete | numeric | |
| V3730 | hv243b | Has a watch | discrete | numeric | |
| V3731 | hv243c | NA - Has an animal-drawn cart | discrete | numeric | |
| V3732 | hv243d | Has a boat with a motor | discrete | numeric | |
| V3733 | hv244 | NA - Own land usable for agriculture | discrete | numeric | |
| V3734 | hv245 | NA - Hectares for agricultural land | discrete | numeric | |
| V3735 | hv246 | NA - Livestock, herds or farm animals | discrete | numeric | |
| V3736 | hv246a | NA - Cattle own | discrete | numeric | |
| V3737 | hv246b | NA - Cows, bulls own | discrete | numeric | |
| V3738 | hv246c | NA - Horses, donkeys, mules own | discrete | numeric | |
| V3739 | hv246d | NA - Goats own | discrete | numeric | |
| V3740 | hv246e | NA - Sheep own | discrete | numeric | |
| V3741 | hv246f | NA - Chickens own | discrete | numeric | |
| V3742 | hv246g | NA - CS own | discrete | numeric | |
| V3743 | hv246h | NA - CS own | discrete | numeric | |
| V3744 | hv246i | NA - CS own | discrete | numeric | |
| V3745 | hv246j | NA - CS own | discrete | numeric | |
| V3746 | hv246k | NA - CS own | discrete | numeric | |
| V3747 | hv247 | NA - Owns a bank account | discrete | numeric | |
| V3748 | hv248 | NA - Number of sick people 18-59 | discrete | numeric | |
| V3749 | hv249 | NA - Member of the HH died last 12 months | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|----|------|-------|------|--------|----------|
| V3750 | hv250 | NA - Number of members who died last 12 months | discrete | numeric | |
| V3751 | hv251 | NA - Number of orphans and vulnerable children | discrete | numeric | |
| V3752 | hv270 | Wealth index | discrete | numeric | |
| V3753 | hv271 | Wealth index factor score (5 decimals) | contin | numeric | |
| V3754 | hml1 | Number of mosquito nets | discrete | numeric | |
| V3755 | hml1a | Number of mosquito nets with specific information | discrete | numeric | |
| V3756 | hml2 | Number of children under bednet previous night | discrete | numeric | |

# RECH3

| | |
|---|---|
| Content | HOUSEHOLD - Survey specific Household variables |
| Cases | 8806 |
| Variable(s) | 17 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3757 | hhid | Case Identification | discrete | character | |
| V3758 | shprov | Province | discrete | numeric | |
| V3759 | shmun | Municipality | discrete | numeric | |
| V3760 | sh103b | Household has Generator | discrete | numeric | |
| V3761 | sh103e | Household has Sawing Machine | discrete | numeric | |
| V3762 | sh109a | Someone sprayed interior walls | discrete | numeric | |
| V3763 | sh109b | Months ago was sprayed | discrete | numeric | |
| V3764 | sh109ca | Who sprayed the house - Health worker /State | discrete | numeric | |
| V3765 | sh109cb | Who sprayed the house - NGO | discrete | numeric | |
| V3766 | sh109cc | Who sprayed the house - Private company | discrete | numeric | |
| V3767 | sh109cx | Who sprayed the house - Other | discrete | numeric | |
| V3768 | sh109cy | Who sprayed the house - DK | discrete | numeric | |
| V3769 | sh112a | Reason - No mosquitoes | discrete | numeric | |
| V3770 | sh112b | Reason - No available mosquito nets | discrete | numeric | |
| V3771 | sh112c | Reason - Does not like to use mosquito nets | discrete | numeric | |
| V3772 | sh112d | Reason - Nets are too expensive | discrete | numeric | |
| V3773 | sh112x | Reason - Other | discrete | numeric | |

# RECH4

| | |
|---|---|
| Content | HOUSEHOLD - Survey specific Household Schedule variables |
| Cases | 40600 |
| Variable(s) | 4 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3774 | hhid | Case Identification | discrete | character | |
| V3775 | idxh4 | Index to household schedule | discrete | numeric | |
| V3776 | sh03 | Relationship to Head of Household | discrete | numeric | |
| V3777 | sh09 | Currently pregnant | discrete | numeric | |

# RECH6

| | |
|---|---|
| Content | HOUSEHOLD - Children Height/Weight/Hemoglobin |
| Cases | 3586 |
| Variable(s) | 21 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3778 | hhid | Case Identification | discrete | character | |
| V3779 | hc0 | Index to household schedule | discrete | numeric | |
| V3780 | hc1 | Age in months | contin | numeric | |
| V3781 | hc16 | Day of birth of child | contin | numeric | |
| V3782 | hc27 | Sex | discrete | numeric | |
| V3783 | hc30 | Month of birth of child | discrete | numeric | |
| V3784 | hc31 | Year of birth of child | discrete | numeric | |
| V3785 | hc32 | Date of birth (cmc) | contin | numeric | |
| V3786 | hc33 | Completeness of information | discrete | numeric | |
| V3787 | hc51 | Line no. of parent/caretaker | discrete | numeric | |
| V3788 | hc52 | Read consent statement | discrete | numeric | |
| V3789 | hc53 | Hemoglobin level (g/dl - 1 decimal) | contin | numeric | |
| V3790 | hc55 | Result of measuring (Hemoglobin) | discrete | numeric | |
| V3791 | hc56 | Hemoglobin level adjusted by altitude (g/dl - 1 decimal) | contin | numeric | |
| V3792 | hc57 | Anemia level | discrete | numeric | |
| V3793 | hc60 | Mother's line number from woman's questionnaire | discrete | numeric | |
| V3794 | hc61 | Mother's highest educational level | discrete | numeric | |
| V3795 | hc62 | Mother's highest year of education | discrete | numeric | |
| V3796 | hc63 | Preceding birth interval | contin | numeric | |
| V3797 | hc64 | Birth order number | contin | numeric | |
| V3798 | hc68 | Highest educational level (CS for preliminary & final report) | discrete | numeric | |

# RECHM2

| | |
|---|---|
| Content | HOUSEHOLD - Malaria - candidate variables to become standard |
| Cases | 3586 |
| Variable(s) | 8 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3799 | hhid | Case Identification | discrete | character | |
| V3800 | hmldx | Index to household schedule | discrete | numeric | |
| V3801 | hml30 | Line no. of parent/caretaker | discrete | numeric | |
| V3802 | hml31 | Read consent statement | discrete | numeric | |
| V3803 | hml32 | Final result of malaria from blood smear test | discrete | numeric | |
| V3804 | hml33 | Result of malaria measurement | discrete | numeric | |
| V3805 | hml34 | Bar code for blood smear sample | discrete | character | |
| V3806 | hml35 | Result of malaria paracheck test (rapid test) | discrete | numeric | |

# RECHM3

| | |
|---|---|
| Content | HOUSEHOLD - Country Specific Malaria variables |
| Cases | 3586 |
| Variable(s) | 5 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3807 | hhid | Case Identification | discrete | character | |
| V3808 | shmldx2 | Index to household schedule | discrete | numeric | |
| V3809 | sh213 | Result of Rapid test of Malaria | discrete | numeric | |
| V3810 | sh214 | Information about malaria treatment | discrete | numeric | |
| V3811 | sh215 | Final lab result of malaria (smear test) | discrete | numeric | |

# RECHMH

| | |
|---|---|
| Content | HOUSEHOLD - Malaria: by Household Member |
| Cases | 40600 |
| Variable(s) | 10 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3812 | hhid | Case Identification | discrete | character | |
| V3813 | hmhidx | Index to household schedule | discrete | numeric | |
| V3814 | hml12 | Type of bednet(s) person slept under last night | discrete | numeric | |
| V3815 | hml13 | 1st net number for net person slept under last night | discrete | numeric | |
| V3816 | hml14 | 2nd net number for net person slept under last night | discrete | numeric | |
| V3817 | hml15 | NA - 3rd net number for net person slept under last night | discrete | numeric | |
| V3818 | hml16 | Corrected age from individual questionnaire | discrete | numeric | |
| V3819 | hml17 | Flag for QH07 age from individual file | discrete | numeric | |
| V3820 | hml18 | Pregnancy from individual questionnaire | discrete | numeric | |
| V3821 | hml19 | Person sleep under an ever treated bednet | discrete | numeric | |

# RECHML

| | |
|---|---|
| Content | HOUSEHOLD - Malaria: by Mosquito Bed Net |
| Cases | 4130 |
| Variable(s) | 17 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3822 | hhid | Case Identification | discrete | character | |
| V3823 | hmlidx | Net number | discrete | numeric | |
| V3824 | hml3 | Net observed | discrete | numeric | |
| V3825 | hml4 | Months ago obtained mosquito net | discrete | numeric | |
| V3826 | hml5 | Was net treated with insecticide when bought | discrete | numeric | |
| V3827 | hml6 | Mosquito net treated with insecticide | discrete | numeric | |
| V3828 | hml7 | Brand of bednet | discrete | numeric | |
| V3829 | hml8 | Bednet treated since receiving | discrete | numeric | |
| V3830 | hml9 | Months ago re-treated | discrete | numeric | |
| V3831 | hml10 | ITN net | discrete | numeric | |
| V3832 | hml11 | Number of persons who slept under this net | discrete | numeric | |
| V3833 | hml21 | Did someone sleep under bednet last night | discrete | numeric | |
| V3834 | hmla | Person who slept in mosquito net | discrete | numeric | |
| V3835 | hmlb | Person who slept in mosquito net | discrete | numeric | |
| V3836 | hmlc | Person who slept in mosquito net | discrete | numeric | |
| V3837 | hmld | Person who slept in mosquito net | discrete | numeric | |
| V3838 | hmle | Person who slept in mosquito net | discrete | numeric | |

# RECHMS

| | |
|---|---|
| Content | HOUSEHOLD - Country Specific Malaria module for nets |
| Cases | 4130 |
| Variable(s) | 10 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3839 | hhid | Case Identification | discrete | character | |
| V3840 | shmlidx2 | Net number | discrete | numeric | |
| V3841 | sh113 | Shows nets | discrete | numeric | |
| V3842 | sh115 | Bought or offered | discrete | numeric | |
| V3843 | sh116 | Amount Paid for mosquito nets | discrete | numeric | |
| V3844 | shhmla | Person who slept in mosquito net | discrete | numeric | |
| V3845 | shhmlb | Person who slept in mosquito net | discrete | numeric | |
| V3846 | shhmlc | Person who slept in mosquito net | discrete | numeric | |
| V3847 | shhmld | Person who slept in mosquito net | discrete | numeric | |
| V3848 | shhmle | Person who slept in mosquito net | discrete | numeric | |

# REC01

| | |
|---|---|
| Content | WOMAN - Respondent's basic data |
| Cases | 8746 |
| Variable(s) | 42 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3849 | hhid | Case Identification | discrete | character | |
| V3850 | caseid | Case Identification | discrete | character | |
| V3851 | v000 | Country code and phase | discrete | character | |
| V3852 | v001 | Cluster number | contin | numeric | |
| V3853 | v002 | Household number | contin | numeric | |
| V3854 | v003 | Respondent's line number | discrete | numeric | |
| V3855 | v004 | Ultimate area unit | contin | numeric | |
| V3856 | v005 | Sample weight | contin | numeric | |
| V3857 | v006 | Month of interview | discrete | numeric | |
| V3858 | v007 | Year of interview | discrete | numeric | |
| V3859 | v008 | Date of interview (CMC) | discrete | numeric | |
| V3860 | v009 | Respondent's month of birth | discrete | numeric | |
| V3861 | v010 | Respondent's year of birth | contin | numeric | |
| V3862 | v011 | Date of birth (CMC) | contin | numeric | |
| V3863 | v012 | Current age - respondent | contin | numeric | |
| V3864 | v013 | Age 5-year groups | discrete | numeric | |
| V3865 | v014 | Completeness of information | discrete | numeric | |
| V3866 | v015 | Result of individual interview | discrete | numeric | |
| V3867 | v016 | Day of interview | contin | numeric | |
| V3868 | v017 | NA - CMC start of calendar | discrete | numeric | |
| V3869 | v018 | Row of month of interview | discrete | numeric | |
| V3870 | v019 | Length of calendar | discrete | numeric | |
| V3871 | v019a | Number of calendar columns | discrete | numeric | |
| V3872 | v020 | Ever-married sample | discrete | numeric | |
| V3873 | v021 | Primary sampling unit | contin | numeric | |
| V3874 | v022 | Sample stratum number | discrete | numeric | |
| V3875 | v023 | Sample stratum | discrete | numeric | |
| V3876 | v024 | Region | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3877 | v025 | Type of place of residence | discrete | numeric | |
| V3878 | v026 | NA - De facto place of residence | discrete | numeric | |
| V3879 | v027 | Number of visits | discrete | numeric | |
| V3880 | v028 | Interviewer identification | contin | numeric | |
| V3881 | v029 | Keyer identification | contin | numeric | |
| V3882 | v030 | Field supervisor | contin | numeric | |
| V3883 | v031 | Field editor | contin | numeric | |
| V3884 | v032 | Office editor | discrete | numeric | |
| V3885 | v033 | NA - Ultimate area selection prob. | discrete | numeric | |
| V3886 | v034 | NA - Line number of husband | discrete | numeric | |
| V3887 | v040 | Cluster altitude in meters | contin | numeric | |
| V3888 | v042 | Household selection for hemoglobin | discrete | numeric | |
| V3889 | v043 | NA - Selection for women's status module | discrete | numeric | |
| V3890 | v044 | NA - Selection for domestic violence module | discrete | numeric | |

# REC11

| | |
|---|---|
| Content | WOMAN - Respondent's basic data (continued) |
| Cases | 8589 |
| Variable(s) | 56 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3891 | hhid | Case Identification | discrete | character | |
| V3892 | caseid | Case Identification | discrete | character | |
| V3893 | v101 | Region | discrete | numeric | |
| V3894 | v102 | Type of place of residence | discrete | numeric | |
| V3895 | v103 | NA - Childhood place of residence | discrete | numeric | |
| V3896 | v104 | NA - Years lived in place of res. | discrete | numeric | |
| V3897 | v105 | NA - Type of place of previous res. | discrete | numeric | |
| V3898 | v106 | Highest educational level | discrete | numeric | |
| V3899 | v107 | Highest year of education | discrete | numeric | |
| V3900 | v113 | Source of drinking water | discrete | numeric | |
| V3901 | v115 | NA - Time to get to water source | discrete | numeric | |
| V3902 | v116 | Type of toilet facility | discrete | numeric | |
| V3903 | v119 | Has electricity | discrete | numeric | |
| V3904 | v120 | Has radio | discrete | numeric | |
| V3905 | v121 | Has television | discrete | numeric | |
| V3906 | v122 | Has refrigerator | discrete | numeric | |
| V3907 | v123 | Has bicycle | discrete | numeric | |
| V3908 | v124 | Has motorcycle/scooter | discrete | numeric | |
| V3909 | v125 | Has car/truck | discrete | numeric | |
| V3910 | v127 | Main floor material | discrete | numeric | |
| V3911 | v128 | Main wall material | discrete | numeric | |
| V3912 | v129 | Main roof material | discrete | numeric | |
| V3913 | v130 | Religion | discrete | numeric | |
| V3914 | v131 | NA - Ethnicity | discrete | numeric | |
| V3915 | v133 | Education in single years | discrete | numeric | |
| V3916 | v134 | NA - De facto place of residence | discrete | numeric | |
| V3917 | v135 | Usual resident or visitor | discrete | numeric | |
| V3918 | v136 | Number of household members | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3919 | v137 | Number of children 5 and under | discrete | numeric | |
| V3920 | v138 | Number of eligible women in HH | discrete | numeric | |
| V3921 | v139 | De jure region of residence | discrete | numeric | |
| V3922 | v140 | De jure type of place of res. | discrete | numeric | |
| V3923 | v141 | NA - De jure place of residence | discrete | numeric | |
| V3924 | v149 | Educational attainment | discrete | numeric | |
| V3925 | v150 | Relationship to household head | discrete | numeric | |
| V3926 | v151 | Sex of household head | discrete | numeric | |
| V3927 | v152 | Age of household head | discrete | numeric | |
| V3928 | v153 | NA - Has a landline telephone | discrete | numeric | |
| V3929 | awfactt | All woman factor - total | discrete | numeric | |
| V3930 | awfactu | All woman factor - urban/rural | discrete | numeric | |
| V3931 | awfactr | All woman factor - regional | discrete | numeric | |
| V3932 | awfacte | All woman factor - educational | discrete | numeric | |
| V3933 | awfactw | All woman factor - wealth index | discrete | numeric | |
| V3934 | v155 | Literacy | discrete | numeric | |
| V3935 | v156 | NA - Ever participated in a literacy program outside of primary | discrete | numeric | |
| V3936 | v157 | NA - Frequency of reading newspaper or magazine | discrete | numeric | |
| V3937 | v158 | NA - Frequency of listening to radio | discrete | numeric | |
| V3938 | v159 | NA - Frequency of watching television | discrete | numeric | |
| V3939 | v160 | NA - Toilet facilities shared | discrete | numeric | |
| V3940 | v161 | Type of cooking fuel | discrete | numeric | |
| V3941 | v166 | NA - Results of salt iodine test | discrete | numeric | |
| V3942 | v167 | NA - Number of trips in last 12 months | discrete | numeric | |
| V3943 | v168 | NA - Away for more than one month in last 12 months | discrete | numeric | |
| V3944 | v190 | Wealth index | discrete | numeric | |
| V3945 | v191 | Wealth index factor score (5 decimals) | contin | numeric | |
| V3946 | ml101 | Type of bednet(s) slept under last night | discrete | numeric | |

# REC21

| | |
|---|---|
| Content | WOMAN - Reproduction and Birth History |
| Cases | 22925 |
| Variable(s) | 20 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3947 | hhid | Case Identification | discrete | character | |
| V3948 | caseid | Case Identification | discrete | character | |
| V3949 | bidx | Birth column number | discrete | numeric | |
| V3950 | bord | Birth order number | discrete | numeric | |
| V3951 | b0 | Child is twin | discrete | numeric | |
| V3952 | b1 | Month of birth | discrete | numeric | |
| V3953 | b2 | Year of birth | contin | numeric | |
| V3954 | b3 | Date of birth (CMC) | contin | numeric | |
| V3955 | b4 | Sex of child | discrete | numeric | |
| V3956 | b5 | Child is alive | discrete | numeric | |
| V3957 | b6 | Age at death | discrete | numeric | |
| V3958 | b7 | Age at death (months-imputed) | contin | numeric | |
| V3959 | b8 | Current age of child | contin | numeric | |
| V3960 | b9 | Child lives with whom | discrete | numeric | |
| V3961 | b10 | Completeness of information | discrete | numeric | |
| V3962 | b11 | Preceding birth interval | contin | numeric | |
| V3963 | b12 | Succeeding birth interval | contin | numeric | |
| V3964 | b13 | Flag for age at death | discrete | numeric | |
| V3965 | b15 | Live birth between births | discrete | numeric | |
| V3966 | b16 | Child's line number in household | discrete | numeric | |

# REC22

| Content | WOMAN - Reproduction (continued) |
|---|---|
| Cases | 8589 |
| Variable(s) | 26 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3967 | hhid | Case Identification | discrete | character | |
| V3968 | caseid | Case Identification | discrete | character | |
| V3969 | v201 | Total children ever born | discrete | numeric | |
| V3970 | v202 | Sons at home | discrete | numeric | |
| V3971 | v203 | Daughters at home | discrete | numeric | |
| V3972 | v204 | Sons elsewhere | discrete | numeric | |
| V3973 | v205 | Daughters elsewhere | discrete | numeric | |
| V3974 | v206 | Sons who have died | discrete | numeric | |
| V3975 | v207 | Daughters who have died | discrete | numeric | |
| V3976 | v208 | Births in last five years | discrete | numeric | |
| V3977 | v209 | Births in past year | discrete | numeric | |
| V3978 | v210 | Births in month of interview | discrete | numeric | |
| V3979 | v211 | Date of first birth (CMC) | contin | numeric | |
| V3980 | v212 | Age of respondent at 1st birth | contin | numeric | |
| V3981 | v213 | Currently pregnant | discrete | numeric | |
| V3982 | v214 | Duration of current pregnancy | contin | numeric | |
| V3983 | v218 | Number of living children | discrete | numeric | |
| V3984 | v219 | Living children + current preg | discrete | numeric | |
| V3985 | v220 | Living children + curr preg 6+ | discrete | numeric | |
| V3986 | v221 | NA - Marriage to first birth int. | discrete | numeric | |
| V3987 | v222 | Last birth to interview | contin | numeric | |
| V3988 | v223 | NA - Completeness of curr preg. inf | discrete | numeric | |
| V3989 | v224 | Entries in birth history | discrete | numeric | |
| V3990 | v235 | NA - Index last child prior to cal. | discrete | numeric | |
| V3991 | v237 | Birth between last & interview | discrete | numeric | |
| V3992 | v238 | Births in last three years | discrete | numeric | |

# REC41

| | |
|---|---|
| Content | WOMAN - Maternity |
| Cases | 5331 |
| Variable(s) | 26 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V3993 | hhid | Case Identification | discrete | character | |
| V3994 | caseid | Case Identification | discrete | character | |
| V3995 | midx | Index to birth history | discrete | numeric | |
| V3996 | m2a | Prenatal: doctor | discrete | numeric | |
| V3997 | m2b | Prenatal: nurse/midwife | discrete | numeric | |
| V3998 | m2c | Prenatal: auxiliary midwife | discrete | numeric | |
| V3999 | m2d | NA - Prenatal: CS health profession | discrete | numeric | |
| V4000 | m2e | NA - Prenatal: CS health profession | discrete | numeric | |
| V4001 | m2f | NA - Prenatal: trained birth att. | discrete | numeric | |
| V4002 | m2g | Prenatal: trad.birth attendant | discrete | numeric | |
| V4003 | m2h | NA - Prenatal: relative | discrete | numeric | |
| V4004 | m2i | NA - Prenatal: CS other person | discrete | numeric | |
| V4005 | m2j | NA - Prenatal: CS other person | discrete | numeric | |
| V4006 | m2k | Prenatal: other resp (uncoded) | discrete | numeric | |
| V4007 | m2l | NA - Prenatal: CS other | discrete | numeric | |
| V4008 | m2m | NA - Prenatal: CS other | discrete | numeric | |
| V4009 | m2n | Prenatal: no one | discrete | numeric | |
| V4010 | m49a | During pregnancy - took Fansidar for Malaria | discrete | numeric | |
| V4011 | m49b | During pregnancy - took Chloroquine for Malaria | discrete | numeric | |
| V4012 | m49c | NA - During pregnancy - took Unknown Drug for Malaria | discrete | numeric | |
| V4013 | m49d | During pregnancy - took Coartem drug for Malaria | discrete | numeric | |
| V4014 | m49e | NA - During pregnancy - took country specific drug for Malaria | discrete | numeric | |
| V4015 | m49f | NA - During pregnancy - took country specific drug for Malaria | discrete | numeric | |
| V4016 | m49g | NA - During pregnancy - took country specific drug for Malaria | discrete | numeric | |
| V4017 | m49x | During pregnancy - took other drug for Malaria | discrete | numeric | |
| V4018 | m49z | During pregnancy - took no drug for Malaria | discrete | numeric | |

# REC42

| | |
|---|---|
| Content | WOMAN - Health and Breastfeeding |
| Cases | 8589 |
| Variable(s) | 9 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4019 | hhid | Case Identification | discrete | character | |
| V4020 | caseid | Case Identification | discrete | character | |
| V4021 | v417 | Entries in maternity table | discrete | numeric | |
| V4022 | v418 | Entries in health table | discrete | numeric | |
| V4023 | v419 | Entries in height/weight table | discrete | numeric | |
| V4024 | v459 | Have bednet for sleeping (household report) | discrete | numeric | |
| V4025 | v460 | Children under 5 slept under bednet last night (HH report) | discrete | numeric | |
| V4026 | v461 | Respondent slept under bednet | discrete | numeric | |
| V4027 | v468 | Columns used for Last Birth Only variables | discrete | numeric | |

# REC43

| | | |
|---|---|---|
| Content | WOMAN - Child's Health and Vaccinations | |
| Cases | 8242 | |
| Variable(s) | 32 | |
| Structure | Type:<br>Keys: () | |
| Version | | |
| Producer | | |
| Missing Data | | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4028 | hhid | Case Identification | discrete | character | |
| V4029 | caseid | Case Identification | discrete | character | |
| V4030 | hidx | Index to birth history | discrete | numeric | |
| V4031 | h22 | Had fever in last two weeks | discrete | numeric | |
| V4032 | h32a | Fever/cough: government hosp. | discrete | numeric | |
| V4033 | h32b | Fever/cough: govt health cntr | discrete | numeric | |
| V4034 | h32c | Fever/cough: govt health post | discrete | numeric | |
| V4035 | h32d | Fever/cough: mobile clinic | discrete | numeric | |
| V4036 | h32e | Fever/cough: comm.health wrkr | discrete | numeric | |
| V4037 | h32f | Fever/cough: public company | discrete | numeric | |
| V4038 | h32g | NA - Fever/cough: CS public sector | discrete | numeric | |
| V4039 | h32h | NA - Fever/cough: CS public sector | discrete | numeric | |
| V4040 | h32i | Fever/cough: oth public sector | discrete | numeric | |
| V4041 | h32j | Fever/cough: private hosp/clin | discrete | numeric | |
| V4042 | h32k | Fever/cough: private pharmacy | discrete | numeric | |
| V4043 | h32l | Fever/cough: private doctor | discrete | numeric | |
| V4044 | h32m | Fever/cough: private mobile cl | discrete | numeric | |
| V4045 | h32n | NA - Fever/cough: comm.health wrkr | discrete | numeric | |
| V4046 | h32o | NA - Fever/cough: CS med.priv sect | discrete | numeric | |
| V4047 | h32p | NA - Fever/cough: CS med.priv sect | discrete | numeric | |
| V4048 | h32q | NA - Fever/cough: CS med.priv sect | discrete | numeric | |
| V4049 | h32r | Fever/cough: oth med.priv sect | discrete | numeric | |
| V4050 | h32s | Fever/cough: shop | discrete | numeric | |
| V4051 | h32t | NA - Fever/cough: traditional pract | discrete | numeric | |
| V4052 | h32u | Fever/cough: traditional provider | discrete | numeric | |
| V4053 | h32v | NA - Fever/cough: CS oth.priv sect | discrete | numeric | |
| V4054 | h32w | NA - Fever/cough: CS oth.priv sect | discrete | numeric | |
| V4055 | h32x | Fever/cough: Other | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4056 | h32y | Fever/cough: no treatment | discrete | numeric | |
| V4057 | h32z | Fever/cough: medical treatment | discrete | numeric | |
| V4058 | h46a | Place first sought treatment for fever | discrete | numeric | |
| V4059 | h46b | Days after fever sought advice or treatment | discrete | numeric | |

# REC44

| | |
|---|---|
| Content | WOMAN - Child's Height and Weight |
| Cases | 8242 |
| Variable(s) | 11 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4060 | hhid | Case Identification | discrete | character | |
| V4061 | caseid | Case Identification | discrete | character | |
| V4062 | hwidx | Index to birth history | discrete | numeric | |
| V4063 | hw1 | Age in months | contin | numeric | |
| V4064 | hw16 | Day of birth of child | discrete | numeric | |
| V4065 | hw51 | Line no. of parent/caretaker | discrete | numeric | |
| V4066 | hw52 | Read consent statement | discrete | numeric | |
| V4067 | hw53 | Hemoglobin level (g/dl - 1 decimal) | contin | numeric | |
| V4068 | hw55 | Result of measuring (Hemoglobin) | discrete | numeric | |
| V4069 | hw56 | Hemoglobin level adjusted by altitude (g/dl - 1 decimal) | contin | numeric | |
| V4070 | hw57 | Anemia level | discrete | numeric | |

# REC81

| | |
|---|---|
| Content | WOMAN - Characteristics of Interview |
| Cases | 8589 |
| Variable(s) | 8 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

## Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4071 | hhid | Case Identification | discrete | character | |
| V4072 | caseid | Case Identification | discrete | character | |
| V4073 | v801 | Time interview started | contin | numeric | |
| V4074 | v802 | Time interview ended | contin | numeric | |
| V4075 | v803 | Length of interview in minutes | discrete | numeric | |
| V4076 | v804 | Number of visits | discrete | numeric | |
| V4077 | v805 | Interviewer identification | contin | numeric | |
| V4078 | v806 | Keyer identification | contin | numeric | |

# RECML

| | |
|---|---|
| Content | WOMAN - Malaria |
| Cases | 8242 |
| Variable(s) | 41 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4155 | hhid | Case Identification | discrete | character | |
| V4156 | caseid | Case Identification | discrete | character | |
| V4157 | idxml | Index to birth history | discrete | numeric | |
| V4158 | ml0 | Type of bednet(s) child slept under last night | discrete | numeric | |
| V4159 | ml1 | Times took Fansidar during pregnancy | discrete | numeric | |
| V4160 | ml2 | Type of visit at source for antimalarial during pregnancy | discrete | numeric | |
| V4161 | ml11 | Child has fever now | discrete | numeric | |
| V4162 | ml13a | Fansidar taken for fever/cough | discrete | numeric | |
| V4163 | ml13b | Chloroquine taken for fever/cough | discrete | numeric | |
| V4164 | ml13c | NA - Amodiaquine taken for fever/cough | discrete | numeric | |
| V4165 | ml13d | Quinine taken for fever/cough | discrete | numeric | |
| V4166 | ml13e | NA - Combination with artemisinin taken for fever/cough | discrete | numeric | |
| V4167 | ml13f | Coartem taken for fever/cough | discrete | numeric | |
| V4168 | ml13g | NA - CS antimalarial taken for fever/cough | discrete | numeric | |
| V4169 | ml13h | Other antimalarial taken for fever/cough | discrete | numeric | |
| V4170 | ml13i | NA - Pills/syrup taken for fever/cough | discrete | numeric | |
| V4171 | ml13j | NA - Injection taken for fever/cough | discrete | numeric | |
| V4172 | ml13k | Aspirin taken for fever/cough | discrete | numeric | |
| V4173 | ml13l | Acetaminophen taken for fever/cough | discrete | numeric | |
| V4174 | ml13m | Ibuprofen taken for fever/cough | discrete | numeric | |
| V4175 | ml13n | Paracetamol taken for fever/cough | discrete | numeric | |
| V4176 | ml13o | NA - CS other for fever/cough | discrete | numeric | |
| V4177 | ml13p | NA - CS other for fever/cough | discrete | numeric | |
| V4178 | ml13x | Other taken for fever/convulsion | discrete | numeric | |
| V4179 | ml13y | Nothing taken for fever/convulsion | discrete | numeric | |
| V4180 | ml13z | Don't know if or what was taken for fever/convulsion | discrete | numeric | |
| V4181 | ml15a | When started Fansidar | discrete | numeric | |
| V4182 | ml15b | Days child took Fansidar | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4183 | ml15c | First source for Fansidar | discrete | numeric | |
| V4184 | ml16a | When started Chloroquine | discrete | numeric | |
| V4185 | ml16b | Days child took Chloroquine | discrete | numeric | |
| V4186 | ml16c | First source for Chloroquine | discrete | numeric | |
| V4187 | ml18a | When started Quinine | discrete | numeric | |
| V4188 | ml18b | Days child took Quinine | discrete | numeric | |
| V4189 | ml18c | First source for Quinine | discrete | numeric | |
| V4190 | ml21a | When started Coartem antimalarial | discrete | numeric | |
| V4191 | ml21b | Days child took Coartem antimalarial | discrete | numeric | |
| V4192 | ml21c | First source for Coartem antimalarial | discrete | numeric | |
| V4193 | ml23a | When started other anti-malarial | discrete | numeric | |
| V4194 | ml23b | Days child took other anti-malarial | discrete | numeric | |
| V4195 | ml23c | First source for other anti-malarial | discrete | numeric | |

# REC91

| Content | WOMAN - Country specific variables: |
|---|---|
| Cases | 8746 |
| Variable(s) | 63 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4079 | hhid | Case Identification | discrete | character | |
| V4080 | caseid | Case Identification | discrete | character | |
| V4081 | sprov | Province | discrete | numeric | |
| V4082 | smun | Municipality | discrete | numeric | |
| V4083 | s110 | Language learned to speak | discrete | numeric | |
| V4084 | s501 | Heard of an illness called 'Malaria' | discrete | numeric | |
| V4085 | s502a | How to recognize a person has malaria - Fever | discrete | numeric | |
| V4086 | s502b | How to recognize a person has malaria - Chills | discrete | numeric | |
| V4087 | s502c | How to recognize a person has malaria - Headache | discrete | numeric | |
| V4088 | s502d | How to recognize a person has malaria - Joint pain | discrete | numeric | |
| V4089 | s502e | How to recognize a person has malaria - Lack of apetite | discrete | numeric | |
| V4090 | s502x | How to recognize a person has malaria - Other | discrete | numeric | |
| V4091 | s502z | How to recognize a person has malaria - Doesn't know any | discrete | numeric | |
| V4092 | s503a | Person most likely to come down with acute malaria - Children | discrete | numeric | |
| V4093 | s503b | Person most likely to come down with acute malaria - Pregnant women | discrete | numeric | |
| V4094 | s503c | Person most likely to come down with acute malaria - Adults | discrete | numeric | |
| V4095 | s503d | Person most likely to come down with acute malaria - Elderly | discrete | numeric | |
| V4096 | s503e | Person most likely to come down with acute malaria - All the same | discrete | numeric | |
| V4097 | s503x | Person most likely to come down with acute malaria - Other | discrete | numeric | |
| V4098 | s503z | Person most likely to come down with acute malaria - Don't Know | discrete | numeric | |
| V4099 | s504a | Causes for Malaria - Mosquito bites | discrete | numeric | |
| V4100 | s504b | Causes for Malaria - Dirty needle | discrete | numeric | |
| V4101 | s504c | Causes for Malaria - Dirty environment | discrete | numeric | |
| V4102 | s504d | Causes for Malaria - Contaminated food | discrete | numeric | |
| V4103 | s504e | Causes for Malaria - Witchcraft | discrete | numeric | |
| V4104 | s504x | Causes for Malaria - Other | discrete | numeric | |
| V4105 | s504z | Causes for Malaria - Doesn't know any | discrete | numeric | |
| V4106 | s505 | Way to prevent malaria | discrete | numeric | |

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4107 | s506a | Prevention - Sleep under mosquito nets | discrete | numeric | |
| V4108 | s506b | Prevention - Use mosquito coils | discrete | numeric | |
| V4109 | s506c | Prevention - Fumigate the house | discrete | numeric | |
| V4110 | s506d | Prevention - Keep doors and windows closed | discrete | numeric | |
| V4111 | s506e | Prevention - Use insects repellent | discrete | numeric | |
| V4112 | s506f | Prevention - Keep a clean environment | discrete | numeric | |
| V4113 | s506g | Prevention - Mowing the lawns | discrete | numeric | |
| V4114 | s506x | Prevention - Other | discrete | numeric | |
| V4115 | s506z | Prevention - DK | discrete | numeric | |
| V4116 | s507 | Malaria can be treated | discrete | numeric | |
| V4117 | s508a | Medicine for malaria - SP/Fansidar | discrete | numeric | |
| V4118 | s508b | Medicine for malaria - Chloroquine | discrete | numeric | |
| V4119 | s508c | Medicine for malaria - Quinine | discrete | numeric | |
| V4120 | s508d | Medicine for malaria - Coartem | discrete | numeric | |
| V4121 | s508e | Medicine for malaria - Aspirine / Panadol / Paracetamol, etc | discrete | numeric | |
| V4122 | s508f | Medicine for malaria - Medicinal Herbs | discrete | numeric | |
| V4123 | s508x | Medicine for malaria - Other | discrete | numeric | |
| V4124 | s508z | Medicine for malaria - Don't know | discrete | numeric | |
| V4125 | s509 | Saw or heard messages about malaria | discrete | numeric | |
| V4126 | s510a | Messages about Malaria - Seek medical treatment in case of fever | discrete | numeric | |
| V4127 | s510b | Messages about Malaria - Sleep under mosquito nets | discrete | numeric | |
| V4128 | s510c | Messages about Malaria - Pregnant women must have medicine to prevent malaria | discrete | numeric | |
| V4129 | s510d | Messages about Malaria - Malaria may cause death | discrete | numeric | |
| V4130 | s510x | Messages about Malaria - Other | discrete | numeric | |
| V4131 | s510z | Messages about Malaria - Doesn't Remember | discrete | numeric | |
| V4132 | s511a | Place saw or heard messages - Radio | discrete | numeric | |
| V4133 | s511b | Place saw or heard messages - TV | discrete | numeric | |
| V4134 | s511c | Place saw or heard messages - Newspaper | discrete | numeric | |
| V4135 | s511d | Place saw or heard messages - Video club | discrete | numeric | |
| V4136 | s511e | Place saw or heard messages - Advertising cards | discrete | numeric | |
| V4137 | s511f | Place saw or heard messages - Posters | discrete | numeric | |
| V4138 | s511g | Place saw or heard messages - Brochures | discrete | numeric | |
| V4139 | s511h | Place saw or heard messages - School / University | discrete | numeric | |
| V4140 | s511i | Place saw or heard messages - Health stands / Health promotors | discrete | numeric | |
| V4141 | s511x | Place saw or heard messages - Other | discrete | numeric | |

# REC94

| | |
|---|---|
| Content | WOMAN - Country specific Maternity variables: |
| Cases | 8242 |
| Variable(s) | 6 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4142 | hhid | Case Identification | discrete | character | |
| V4143 | caseid | Case Identification | discrete | character | |
| V4144 | idx94 | Index to birth history | discrete | numeric | |
| V4145 | s303a | Pregnant women need to take some kind of medication | discrete | numeric | |
| V4146 | s303b | Prenatal - Nurse | discrete | numeric | |
| V4147 | s303c | Prenatal - Midwife | discrete | numeric | |

# REC95

| | |
|---|---|
| Content | WOMAN - Country specific Health and Vaccination variables: |
| Cases | 8242 |
| Variable(s) | 7 |
| Structure | Type:<br>Keys: () |
| Version | |
| Producer | |
| Missing Data | |

# Variables

| ID | Name | Label | Type | Format | Question |
|---|---|---|---|---|---|
| V4148 | hhid | Case Identification | discrete | character | |
| V4149 | caseid | Case Identification | discrete | character | |
| V4150 | idx95 | Index to birth history | discrete | numeric | |
| V4151 | s405 | Days started | discrete | numeric | |
| V4152 | s407h | Place of treatment - Private Hospital | discrete | numeric | |
| V4153 | s407i | Place of treatment - Private Clinic | discrete | numeric | |
| V4154 | s411a | Someone drew blood | discrete | numeric | |

# Case Identification (hhid)
## File: RECH0

**Overview**

Type: Discrete
Format: character
Width: 6

# 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: 1-240

# Household number (hv002)
## File: RECH0

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-37

# Respondent's line number (hv003)
## File: RECH0

**Overview**

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

# Ultimate area unit (hv004)
## File: RECH0

**Overview**

# Ultimate area unit (hv004)
# File: RECH0

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-240

# Sample weight (hv005)
# File: RECH0

**Overview**

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-1914410

# Month of interview (hv006)
# File: RECH0

**Overview**

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

# Year of interview (hv007)
# File: RECH0

**Overview**

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 2010-2011

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

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1322-9999

# Number of household members (hv009)
## File: RECH0

**Overview**

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

# Number of eligible women in HH (hv010)
## File: RECH0

**Overview**

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

# NA - Number of eligible men in HH (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: 0-20

# Number of de facto members (hv013)
## File: RECH0

**Overview**

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

# Number of children 5 and under (hv014)
## File: RECH0

**Overview**

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

# Result of household interview (hv015)
## File: RECH0

**Overview**

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

# Day of interview (hv016)
## File: RECH0

**Overview**

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

# Number of visits (hv017)
## File: RECH0

**Overview**

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

# Interviewer identification (hv018)
## File: RECH0

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-831

# Keyer identification (hv019)
## File: RECH0

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-40

# 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: 1-240

# Sample stratum number (hv022)
## File: RECH0

**Overview**

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

# Sample stratum (hv023)
## File: RECH0

**Overview**

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

# Region (hv024)
# File: RECH0

**Overview**

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

# 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 - Selection for male/husb. int. (hv027)
# File: RECH0

**Overview**

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

# NA - Sample weight for male subsamp (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: 1-721

# Field editor (hv031)
## File: RECH0

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 4-102

# Office editor (hv032)
## File: RECH0

**Overview**

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

# NA - Ultimate area selection prob. (hv033)
## File: RECH0

**Overview**

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

# Number of eligible children for height & weight (hv035)
## File: RECH0

**Overview**

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

# Cluster altitude in meters (hv040)
## File: RECH0

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 2-9999

# NA - Total adults measured (hv041)
## File: RECH0

**Overview**

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

# Selection for hemoglobin (hv042)
## File: RECH0

**Overview**

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

# NA - Selection for women's status module (hv043)
## File: RECH0

**Overview**

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

# NA - Selection 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: 6

# Line number (hvidx)
## File: RECH1

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20

# Relationship to head (hv101)
## File: RECH1

**Overview**

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

# 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 (hv106)
## File: RECH1

**Overview**

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

# NA - Highest year of education (hv107)
## File: RECH1

**Overview**

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

# NA - Education 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

# NA - Current marital status (hv115)
## File: RECH1

**Overview**

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

# NA - Currently, formerly, never m. (hv116)
## File: RECH1

**Overview**

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

# 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

# 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 been very sick for 3+ months last year (hv130)
## File: RECH1

**Overview**

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

# NA - Mother has been very sick for 3+ months last year (hv131)
## File: RECH1

**Overview**

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

# NA - Father has been very sick for 3+ months last year (hv132)
## File: RECH1

**Overview**

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

# NA - Mother/father dead or been very sick for 3+ months (hv133)
## File: RECH1

**Overview**

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

# NA - Both parents alive (hv134)
## File: RECH1

**Overview**

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

# NA - Has brothers/sisters under 18 of the same father and mother (hv135)
## File: RECH1

**Overview**

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

# NA - Brothers/sisters under 18 that don't live in household (hv136)
## File: RECH1

**Overview**

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

# NA - Member has a blanket (hv137)
## File: RECH1

**Overview**

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

# NA - Member has a pair of shoes (hv138)
## File: RECH1

**Overview**

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

# NA - Member has 2+ sets of clothes (hv139)
## 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: 6

# 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

# NA - Time to get to water source (hv204)
## File: RECH2

**Overview**

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

# Type of toilet facility (hv205)
## File: RECH2

**Overview**

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

# Has electricity (hv206)
## File: RECH2

# Has electricity (hv206)
## File: RECH2

**Overview**

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

# Has radio (hv207)
## File: RECH2

**Overview**

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

# Has television (hv208)
## File: RECH2

**Overview**

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

# Has refrigerator (hv209)
## File: RECH2

**Overview**

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

# Has bicycle (hv210)
## File: RECH2

**Overview**

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

# 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: 10-96

# Main wall material (hv214)
## File: RECH2

**Overview**

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

# Main roof material (hv215)
## File: RECH2

**Overview**

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

# Rooms used for sleeping (hv216)
## File: RECH2

**Overview**

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

# Relationship structure (hv217)
## File: RECH2

**Overview**

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

# Line number of head of househ. (hv218)
## File: RECH2

**Overview**

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

# 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: 10-99

## NA - Has a landline telephone (hv221)
## File: RECH2

**Overview**

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

## NA - 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

## Have bednet for sleeping (hv227)
## File: RECH2

**Overview**

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

## Children under 5 slept under bednet last night (hv228)
## File: RECH2

**Overview**

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

# NA - Test salt for Iodine (hv234)
## File: RECH2

**Overview**

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

# NA - Location of source for water (hv235)
## File: RECH2

**Overview**

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

# 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

# NA - Number of households sharing toilet (hv238)
## File: RECH2

**Overview**

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

# 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 / in 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 a mobile telephone (hv243a)
## File: RECH2

**Overview**

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

# Has a watch (hv243b)
## File: RECH2

**Overview**

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

# NA - Has an animal-drawn cart (hv243c)
## File: RECH2

**Overview**

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

# Has a boat with a motor (hv243d)
## File: RECH2

**Overview**

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

# NA - Own land usable for agriculture (hv244)
## File: RECH2

**Overview**

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

# NA - Hectares for agricultural land (hv245)
## File: RECH2

**Overview**

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

# NA - Livestock, herds or farm animals (hv246)
## File: RECH2

**Overview**

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

# NA - Cattle own (hv246a)
## File: RECH2

**Overview**

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

# NA - Cows, bulls own (hv246b)
## File: RECH2

**Overview**

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

# NA - Horses, donkeys, mules own (hv246c)
## File: RECH2

**Overview**

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

# NA - Goats own (hv246d)
## File: RECH2

**Overview**

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

# NA - Sheep own (hv246e)
## File: RECH2

**Overview**

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

# NA - Chickens own (hv246f)
## File: RECH2

**Overview**

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

# NA - CS own (hv246g)
## File: RECH2

**Overview**

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

# NA - CS own (hv246h)
## File: RECH2

**Overview**

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

# NA - CS own (hv246i)
## File: RECH2

**Overview**

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

# NA - CS own (hv246j)
## File: RECH2

**Overview**

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

# NA - CS own (hv246k)
## File: RECH2

**Overview**

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

# NA - Owns a bank account (hv247)
## File: RECH2

**Overview**

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

# NA - Number of sick people 18-59 (hv248)
## File: RECH2

**Overview**

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

# NA - Member of the HH died last 12 months (hv249)
## File: RECH2

**Overview**

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

# NA - Number of members who died last 12 months (hv250)
## File: RECH2

**Overview**

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

# NA - Number of orphans and vulnerable children (hv251)
## File: RECH2

**Overview**

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

# Wealth index (hv270)
## File: RECH2

# Wealth index (hv270)
## File: RECH2

**Overview**

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

# Wealth index factor score (5 decimals) (hv271)
## File: RECH2

**Overview**

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: -128061-184252

# Number of mosquito nets (hml1)
## File: RECH2

**Overview**

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

# Number of mosquito nets with specific information (hml1a)
## File: RECH2

**Overview**

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

# Number of children under bednet previous night (hml2)
## File: RECH2

**Overview**

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

# Case Identification (hhid)
## File: RECH3

**Overview**

Type: Discrete
Format: character
Width: 6

# Province (shprov)
## File: RECH3

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-18

# Municipality (shmun)
## File: RECH3

**Overview**

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 101-1809

# Household has Generator (sh103b)
## File: RECH3

**Overview**

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

# Household has Sawing Machine (sh103e)
## File: RECH3

**Overview**

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

# Someone sprayed interior walls (sh109a)
## File: RECH3

# Someone sprayed interior walls (sh109a)
## File: RECH3

**Overview**

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

# Months ago was sprayed (sh109b)
## File: RECH3

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 0-49

# Who sprayed the house - Health worker /State (sh109ca)
## File: RECH3

**Overview**

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

# Who sprayed the house - NGO (sh109cb)
## File: RECH3

**Overview**

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

# Who sprayed the house - Private company (sh109cc)
## File: RECH3

**Overview**

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

# Who sprayed the house - Other (sh109cx)
## File: RECH3

**Overview**

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

# Who sprayed the house - DK (sh109cy)
## File: RECH3

**Overview**

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

# Reason - No mosquitoes (sh112a)
## File: RECH3

**Overview**

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

# Reason - No available mosquito nets (sh112b)
## File: RECH3

**Overview**

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

# Reason - Does not like to use mosquito nets (sh112c)
## File: RECH3

**Overview**

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

# Reason - Nets are too expensive (sh112d)
# File: RECH3

**Overview**

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

# Reason - Other (sh112x)
# File: RECH3

**Overview**

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

# Case Identification (hhid)
## File: RECH4

**Overview**

Type: Discrete
Format: character
Width: 6

# Index to household schedule (idxh4)
## File: RECH4

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20

# Relationship to Head of Household (sh03)
## File: RECH4

**Overview**

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

# Currently pregnant (sh09)
## File: RECH4

**Overview**

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

# Case Identification (hhid)
## File: RECH6

**Overview**

Type: Discrete
Format: character
Width: 6

# Index to household schedule (hc0)
## File: RECH6

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-19

# Age in months (hc1)
## File: RECH6

**Overview**

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

# Day of birth of child (hc16)
## File: RECH6

**Overview**

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

# Sex (hc27)
## File: RECH6

**Overview**

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

# Month of birth of child (hc30)
## File: RECH6

# Month of birth of child (hc30)
## File: RECH6

**Overview**

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

# Year of birth of child (hc31)
## File: RECH6

**Overview**

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 2006-9998

# Date of birth (cmc) (hc32)
## File: RECH6

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1274-1331

# Completeness of information (hc33)
## File: RECH6

**Overview**

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

# Line no. of parent/caretaker (hc51)
## File: RECH6

**Overview**

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

# Read consent statement (hc52)
## File: RECH6

**Overview**

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

# Hemoglobin level (g/dl - 1 decimal) (hc53)
## File: RECH6

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 40-999

# Result of measuring (Hemoglobin) (hc55)
## File: RECH6

**Overview**

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

# Hemoglobin level adjusted by altitude (g/dl - 1 decimal) (hc56)
## File: RECH6

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 35-999

# Anemia level (hc57)
## File: RECH6

**Overview**

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

# Mother's line number from woman's questionnaire (hc60)
## File: RECH6

**Overview**

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

# Mother's highest educational level (hc61)
## File: RECH6

**Overview**

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

# Mother's highest year of education (hc62)
## File: RECH6

**Overview**

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

# Preceding birth interval (hc63)
## File: RECH6

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 7-999

# Birth order number (hc64)
## File: RECH6

**Overview**

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

# Highest educational level (CS for preliminary & final report) (hc68)
# File: RECH6

**Overview**

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

# Case Identification (hhid)
## File: RECHM2

**Overview**

Type: Discrete
Format: character
Width: 6

# Index to household schedule (hmldx)
## File: RECHM2

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-19

# Line no. of parent/caretaker (hml30)
## File: RECHM2

**Overview**

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

# Read consent statement (hml31)
## File: RECHM2

**Overview**

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

# Final result of malaria from blood smear test (hml32)
## File: RECHM2

**Overview**

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

# Result of malaria measurement (hml33)
## File: RECHM2

# Result of malaria measurement (hml33)
# File: RECHM2

**Overview**

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

# Bar code for blood smear sample (hml34)
# File: RECHM2

**Overview**

Type: Discrete
Format: character
Width: 5

# Result of malaria paracheck test (rapid test) (hml35)
# File: RECHM2

**Overview**

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

# Case Identification (hhid)
## File: RECHM3

**Overview**

Type: Discrete
Format: character
Width: 6

# Index to household schedule (shmldx2)
## File: RECHM3

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-19

# Result of Rapid test of Malaria (sh213)
## File: RECHM3

**Overview**

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

# Information about malaria treatment (sh214)
## File: RECHM3

**Overview**

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

# Final lab result of malaria (smear test) (sh215)
## File: RECHM3

**Overview**

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

## Case Identification (hhid)
## File: RECHMH

**Overview**

Type: Discrete
Format: character
Width: 6

## Index to household schedule (hmhidx)
## File: RECHMH

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20

## Type of bednet(s) person slept under last night (hml12)
## File: RECHMH

**Overview**

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

## 1st net number for net person slept under last night (hml13)
## File: RECHMH

**Overview**

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

## 2nd net number for net person slept under last night (hml14)
## File: RECHMH

**Overview**

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 2-5

## NA - 3rd net number for net person slept under last night (hml15)
## File: RECHMH

# NA - 3rd net number for net person slept under last night (hml15)
## File: RECHMH

**Overview**

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

# Corrected age from individual questionnaire (hml16)
## File: RECHMH

**Overview**

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

# Flag for QH07 age from individual file (hml17)
## File: RECHMH

**Overview**

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

# Pregnancy from individual questionnaire (hml18)
## File: RECHMH

**Overview**

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

# Person sleep under an ever treated bednet (hml19)
## 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: 6

# Net number (hmlidx)
## File: RECHML

**Overview**

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

# Net observed (hml3)
## File: RECHML

**Overview**

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

# Months ago obtained mosquito net (hml4)
## File: RECHML

**Overview**

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

# Was net treated with insecticide when bought (hml5)
## File: RECHML

**Overview**

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

# Mosquito net treated with insecticide (hml6)
## File: RECHML

# Mosquito net treated with insecticide (hml6)
## File: RECHML

**Overview**

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

# Brand of bednet (hml7)
## File: RECHML

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 11-98

# Bednet treated since receiving (hml8)
## File: RECHML

**Overview**

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

# Months ago re-treated (hml9)
## File: RECHML

**Overview**

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

# ITN net (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

# Did someone sleep under bednet last night (hml21)
## File: RECHML

**Overview**

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

# Person who slept in mosquito net (hmla)
## File: RECHML

**Overview**

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

# Person who slept in mosquito net (hmlb)
## File: RECHML

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20

# Person who slept in mosquito net (hmlc)
## File: RECHML

**Overview**

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

# Person who slept in mosquito net (hmld)
# File: RECHML

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-15

# Person who slept in mosquito net (hmle)
# File: RECHML

**Overview**

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

# Case Identification (hhid)
## File: RECHMS

### Overview

Type: Discrete
Format: character
Width: 6

# Net number (shmlidx2)
## File: RECHMS

### Overview

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

# Shows nets (sh113)
## File: RECHMS

### Overview

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

# Bought or offered (sh115)
## File: RECHMS

### Overview

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

# Amount Paid for mosquito nets (sh116)
## File: RECHMS

### Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 100-9998

# Person who slept in mosquito net (shhmla)
## File: RECHMS

# Person who slept in mosquito net (shhmla)
# File: RECHMS

**Overview**

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

# Person who slept in mosquito net (shhmlb)
# File: RECHMS

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20

# Person who slept in mosquito net (shhmlc)
# File: RECHMS

**Overview**

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

# Person who slept in mosquito net (shhmld)
# File: RECHMS

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-15

# Person who slept in mosquito net (shhmle)
# File: RECHMS

**Overview**

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

# Case Identification (hhid)
## File: REC01

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC01

**Overview**

Type: Discrete
Format: character
Width: 9

# 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: 1-240

# Household number (v002)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-37

# Respondent's line number (v003)
## File: REC01

**Overview**

# Respondent's line number (v003)
## File: REC01

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

# Ultimate area unit (v004)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-240

# Sample weight (v005)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-1981396

# Month of interview (v006)
## File: REC01

**Overview**

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

# Year of interview (v007)
## File: REC01

**Overview**

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

# Date of interview (CMC) (v008)
## File: REC01

**Overview**

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 1333-1338

# 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: 1961-1995

# Date of birth (CMC) (v011)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 735-1152

# Current age - respondent (v012)
## File: REC01

**Overview**

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

# Age 5-year groups (v013)
## File: REC01

**Overview**

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

# Completeness of information (v014)
## File: REC01

**Overview**

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

# Result of individual interview (v015)
## File: REC01

**Overview**

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

# Day of interview (v016)
## File: REC01

**Overview**

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

# NA - CMC start of calendar (v017)
## File: REC01

**Overview**

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

# Row of month of interview (v018)
# File: REC01

**Overview**

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

# Length of calendar (v019)
# File: REC01

**Overview**

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

# 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: 1-240

# Sample stratum number (v022)
## File: REC01

**Overview**

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

# Sample stratum (v023)
## File: REC01

**Overview**

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

# Region (v024)
## File: REC01

**Overview**

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

# Type of place of residence (v025)
## File: REC01

**Overview**

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

# NA - De facto place of residence (v026)
## File: REC01

**Overview**

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

# Number of visits (v027)
## File: REC01

**Overview**

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

# Interviewer identification (v028)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 5-153

# Keyer identification (v029)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-40

# Field supervisor (v030)
## File: REC01

**Overview**

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

# Field editor (v031)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 4-102

# Office editor (v032)
## File: REC01

**Overview**

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

# NA - Ultimate area selection prob. (v033)
## File: REC01

**Overview**

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

# NA - Line number of husband (v034)
## File: REC01

**Overview**

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

# Cluster altitude in meters (v040)
## File: REC01

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 2-9999

# Household selection for hemoglobin (v042)
## File: REC01

**Overview**

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

# NA - Selection for women's status module (v043)
# File: REC01

**Overview**

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

# NA - Selection 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: 6

# Case Identification (caseid)
## File: REC11

**Overview**

Type: Discrete
Format: character
Width: 9

# Region (v101)
## File: REC11

**Overview**

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

# 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 res. (v104)
## File: REC11

**Overview**

# NA - Years lived in place of res. (v104)
## File: REC11

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

# NA - Type of place of previous res. (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: 0-10

# Source of drinking water (v113)
## File: REC11

**Overview**

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

## NA - Time to get to water source (v115)
## File: REC11

**Overview**

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 996-997

## Type of toilet facility (v116)
## File: REC11

**Overview**

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

## Has electricity (v119)
## File: REC11

**Overview**

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

## Has radio (v120)
## File: REC11

**Overview**

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

## Has television (v121)
## File: REC11

**Overview**

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

# Has refrigerator (v122)
# File: REC11

**Overview**

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

# Has bicycle (v123)
# File: REC11

**Overview**

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

# Has motorcycle/scooter (v124)
# File: REC11

**Overview**

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

# 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: 10-97

# Main wall material (v128)
## File: REC11

**Overview**

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

# Main roof material (v129)
## File: REC11

**Overview**

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

# 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: 0-97

# 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 (v136)
## File: REC11

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20

# Number of children 5 and under (v137)
## File: REC11

**Overview**

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

# Number of eligible women in HH (v138)
## File: REC11

**Overview**

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

# De jure region of residence (v139)
# File: REC11

**Overview**

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

# De jure type of place of res. (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: 10-99

# NA - Has a landline telephone (v153)
## File: REC11

| Overview |
|---|

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

# 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

# NA - Toilet facilities shared (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 - Results of salt iodine test (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: 1
Decimals: 0
Range: 0-0

# 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

# Wealth index (v190)
## File: REC11

**Overview**

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

# Wealth index factor score (5 decimals) (v191)
## File: REC11

**Overview**

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: -128061-184252

# Type of bednet(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: 6

# Case Identification (caseid)
## File: REC21

**Overview**

Type: Discrete
Format: character
Width: 9

# Birth column number (bidx)
## File: REC21

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-15

# Birth order number (bord)
## File: REC21

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-15

# 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: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1972-2011

# Date of birth (CMC) (b3)
## File: REC21

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 872-1337

# 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

## Age at death (b6)
## File: REC21

**Overview**

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 100-999

## Age at death (months-imputed) (b7)
## File: REC21

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-336

## Current age of child (b8)
## File: REC21

**Overview**

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

## 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 (b11)
## File: REC21

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-256

# Succeeding birth interval (b12)
## File: REC21

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-256

# 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: 0-20

## Case Identification (hhid)
## File: REC22

**Overview**

Type: Discrete
Format: character
Width: 6

## Case Identification (caseid)
## File: REC22

**Overview**

Type: Discrete
Format: character
Width: 9

## Total children ever born (v201)
## File: REC22

**Overview**

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

## Sons at home (v202)
## File: REC22

**Overview**

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

## Daughters at home (v203)
## File: REC22

**Overview**

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

## Sons elsewhere (v204)
## File: REC22

**Overview**

# Sons elsewhere (v204)
## File: REC22

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

# Daughters elsewhere (v205)
## File: REC22

**Overview**

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

# Sons who have died (v206)
## File: REC22

**Overview**

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

# 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: 0-5

# 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

# Date of first birth (CMC) (v211)
## File: REC22

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 872-1336

# Age of respondent at 1st birth (v212)
## File: REC22

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 7-42

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

# Number of living children (v218)
## File: REC22

**Overview**

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

# Living children + current preg (v219)
## File: REC22

**Overview**

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

# Living children + curr preg 6+ (v220)
## File: REC22

**Overview**

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

# NA - Marriage to first birth int. (v221)
## File: REC22

**Overview**

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

# Last birth to interview (v222)
## File: REC22

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-341

# NA - Completeness of curr preg. inf (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: 2
Decimals: 0
Range: 0-15

# NA - Index last child prior to cal. (v235)
## File: REC22

**Overview**

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

# Birth between last & interview (v237)
## File: REC22

**Overview**

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

# Births in last three years (v238)
# File: REC22

## Overview

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

# Case Identification (hhid)
## File: REC41

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC41

**Overview**

Type: Discrete
Format: character
Width: 9

# Index to birth history (midx)
## File: REC41

**Overview**

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

# Prenatal: doctor (m2a)
## File: REC41

**Overview**

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

# Prenatal: nurse/midwife (m2b)
## File: REC41

**Overview**

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

# Prenatal: auxiliary midwife (m2c)
## File: REC41

**Overview**

# Prenatal: auxiliary midwife (m2c)
## File: REC41

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

# NA - Prenatal: CS health profession (m2d)
## File: REC41

**Overview**

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

# NA - Prenatal: CS health profession (m2e)
## File: REC41

**Overview**

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

# NA - Prenatal: trained birth att. (m2f)
## File: REC41

**Overview**

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

# Prenatal: trad.birth attendant (m2g)
## File: REC41

**Overview**

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

# NA - Prenatal: relative (m2h)
# File: REC41

**Overview**

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

# NA - Prenatal: CS other person (m2i)
# File: REC41

**Overview**

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

# NA - Prenatal: CS other person (m2j)
# File: REC41

**Overview**

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

# Prenatal: other resp (uncoded) (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

# During pregnancy - took Fansidar for Malaria (m49a)
## File: REC41

**Overview**

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

# During pregnancy - took Chloroquine for Malaria (m49b)
## File: REC41

**Overview**

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

# NA - During pregnancy - took Unknown Drug for Malaria (m49c)
## File: REC41

**Overview**

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

# During pregnancy - took Coartem drug for Malaria (m49d)
## File: REC41

**Overview**

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

# NA - During pregnancy - took country specific drug for Malaria (m49e)
## File: REC41

**Overview**

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

# NA - During pregnancy - took country specific drug for Malaria (m49f)
## File: REC41

**Overview**

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

# NA - During pregnancy - took country specific drug for Malaria (m49g)
## File: REC41

**Overview**

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

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

**Overview**

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

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

# During pregnancy - took no drug for Malaria (m49z)
# File: REC41

**Overview**

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

# Case Identification (hhid)
## File: REC42

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC42

**Overview**

Type: Discrete
Format: character
Width: 9

# 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: 0-5

# Entries in height/weight table (v419)
## File: REC42

**Overview**

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

# Have bednet for sleeping (household report) (v459)
## File: REC42

**Overview**

# Have bednet for sleeping (household report) (v459)
## File: REC42

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

# Children under 5 slept under bednet last night (HH report) (v460)
## File: REC42

**Overview**

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

# Respondent slept under bednet (v461)
## File: REC42

**Overview**

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

# Columns used for Last Birth Only variables (v468)
## File: REC42

**Overview**

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

# Case Identification (hhid)
## File: REC43

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC43

**Overview**

Type: Discrete
Format: character
Width: 9

# Index to birth history (hidx)
## File: REC43

**Overview**

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

# Had fever in last two weeks (h22)
## File: REC43

**Overview**

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

# Fever/cough: government hosp. (h32a)
## File: REC43

**Overview**

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

# Fever/cough: govt health cntr (h32b)
## File: REC43

**Overview**

# Fever/cough: govt health cntr (h32b)
## File: REC43

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

# Fever/cough: govt health post (h32c)
## File: REC43

**Overview**

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

# Fever/cough: mobile clinic (h32d)
## File: REC43

**Overview**

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

# Fever/cough: comm.health wrkr (h32e)
## File: REC43

**Overview**

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

# Fever/cough: public company (h32f)
## File: REC43

**Overview**

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

# NA - Fever/cough: CS public sector (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

# Fever/cough: oth public sector (h32i)
## File: REC43

**Overview**

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

# Fever/cough: private hosp/clin (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

# Fever/cough: private doctor (h32l)
## File: REC43

**Overview**

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

# Fever/cough: private mobile cl (h32m)
## File: REC43

**Overview**

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

# NA - Fever/cough: comm.health wrkr (h32n)
## File: REC43

**Overview**

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

# NA - Fever/cough: CS med.priv sect (h32o)
## File: REC43

**Overview**

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

# NA - Fever/cough: CS med.priv sect (h32p)
## File: REC43

**Overview**

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

# NA - Fever/cough: CS med.priv sect (h32q)
## File: REC43

**Overview**

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

# Fever/cough: oth med.priv sect (h32r)
## File: REC43

**Overview**

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

# Fever/cough: shop (h32s)
## File: REC43

**Overview**

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

# NA - Fever/cough: traditional pract (h32t)
## File: REC43

**Overview**

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

# Fever/cough: traditional provider (h32u)
## File: REC43

**Overview**

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

# NA - Fever/cough: CS oth.priv sect (h32v)
## File: REC43

**Overview**

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

# NA - Fever/cough: CS oth.priv sect (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

# Place first sought treatment for fever (h46a)
# File: REC43

**Overview**

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

# Days after fever sought advice or treatment (h46b)
# File: REC43

**Overview**

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

## Case Identification (hhid)
## File: REC44

**Overview**

Type: Discrete
Format: character
Width: 6

## Case Identification (caseid)
## File: REC44

**Overview**

Type: Discrete
Format: character
Width: 9

## Index to birth history (hwidx)
## File: REC44

**Overview**

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

## Age in months (hw1)
## File: REC44

**Overview**

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

## Day of birth of child (hw16)
## File: REC44

**Overview**

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

## Line no. of parent/caretaker (hw51)
## File: REC44

**Overview**

# Line no. of parent/caretaker (hw51)
## File: REC44

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

# Read consent statement (hw52)
## File: REC44

**Overview**

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

# Hemoglobin level (g/dl - 1 decimal) (hw53)
## File: REC44

**Overview**

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 40-999

# Result of measuring (Hemoglobin) (hw55)
## File: REC44

**Overview**

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

# Hemoglobin level adjusted by altitude (g/dl - 1 decimal) (hw56)
## File: REC44

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 38-9999

# Anemia level (hw57)
# File: REC44

**Overview**

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

# Case Identification (hhid)
## File: REC81

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC81

**Overview**

Type: Discrete
Format: character
Width: 9

# Time interview started (v801)
## File: REC81

**Overview**

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

# Time interview ended (v802)
## File: REC81

**Overview**

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 622-9999

# 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: 5-153

# Keyer identification (v806)
# File: REC81

**Overview**

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-40

# Case Identification (hhid)
## File: RECML

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: RECML

**Overview**

Type: Discrete
Format: character
Width: 9

# Index to birth history (idxml)
## File: RECML

**Overview**

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

# Type of bednet(s) child slept under last night (ml0)
## File: RECML

**Overview**

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

# Times took Fansidar during pregnancy (ml1)
## File: RECML

**Overview**

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

# Type of visit at source for antimalarial during pregnancy (ml2)
## File: RECML

**Overview**

# Type of visit at source for antimalarial during pregnancy (ml2)
## File: RECML

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

# Child has fever now (ml11)
## File: RECML

**Overview**

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

# Fansidar taken for fever/cough (ml13a)
## File: RECML

**Overview**

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

# 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

# NA - Combination with artemisinin taken for fever/cough (ml13e)
## File: RECML

**Overview**

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

# Coartem taken for fever/cough (ml13f)
## File: RECML

**Overview**

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

# NA - CS antimalarial 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

# NA - Pills/syrup taken for fever/cough (ml13i)
## File: RECML

**Overview**

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

# NA - 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 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

# Paracetamol taken for fever/cough (ml13n)
## File: RECML

**Overview**

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

# NA - CS other for fever/cough (ml13o)
## File: RECML

**Overview**

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

# NA - CS other for fever/cough (ml13p)
## File: RECML

**Overview**

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

# Other taken for fever/convulsion (ml13x)
## File: RECML

**Overview**

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

# Nothing taken for fever/convulsion (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/convulsion (ml13z)
## File: RECML

**Overview**

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

# When started Fansidar (ml15a)
## File: RECML

**Overview**

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

# Days child took Fansidar (ml15b)
## File: RECML

**Overview**

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

# First source for Fansidar (ml15c)
## File: RECML

**Overview**

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

# When started Chloroquine (ml16a)
## File: RECML

**Overview**

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

# Days child took Chloroquine (ml16b)
## File: RECML

**Overview**

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

# First source for Chloroquine (ml16c)
## File: RECML

**Overview**

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

# When started Quinine (ml18a)
## File: RECML

**Overview**

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

# Days child took Quinine (ml18b)
## File: RECML

**Overview**

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

# First source for Quinine (ml18c)
## File: RECML

**Overview**

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

# When started Coartem antimalarial (ml21a)
## File: RECML

**Overview**

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

# Days child took Coartem antimalarial (ml21b)
## File: RECML

**Overview**

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

# First source for Coartem antimalarial (ml21c)
## File: RECML

**Overview**

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

# When started other anti-malarial (ml23a)
## File: RECML

**Overview**

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

# Days child took other anti-malarial (ml23b)
## File: RECML

**Overview**

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

# First source for other anti-malarial (ml23c)
## File: RECML

**Overview**

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

## Case Identification (hhid)
## File: REC91

**Overview**

Type: Discrete
Format: character
Width: 6

## Case Identification (caseid)
## File: REC91

**Overview**

Type: Discrete
Format: character
Width: 9

## Province (sprov)
## File: REC91

**Overview**

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-18

## Municipality (smun)
## File: REC91

**Overview**

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 101-1809

## Language learned to speak (s110)
## File: REC91

**Overview**

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

## Heard of an illness called 'Malaria' (s501)
## File: REC91

**Overview**

# Heard of an illness called 'Malaria' (s501)
## File: REC91

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

# How to recognize a person has malaria - Fever (s502a)
## File: REC91

**Overview**

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

# How to recognize a person has malaria - Chills (s502b)
## File: REC91

**Overview**

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

# How to recognize a person has malaria - Headache (s502c)
## File: REC91

**Overview**

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

# How to recognize a person has malaria - Joint pain (s502d)
## File: REC91

**Overview**

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

# How to recognize a person has malaria - Lack of apetite (s502e)
## File: REC91

**Overview**

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

# How to recognize a person has malaria - Other (s502x)
## File: REC91

**Overview**

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

# How to recognize a person has malaria - Doesn't know any (s502z)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - Children (s503a)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - Pregnant women (s503b)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - Adults (s503c)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - Elderly (s503d)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - All the same (s503e)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - Other (s503x)
## File: REC91

**Overview**

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

# Person most likely to come down with acute malaria - Don't Know (s503z)
## File: REC91

**Overview**

# Person most likely to come down with acute malaria - Don't Know (s503z)
## File: REC91

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

# Causes for Malaria - Mosquito bites (s504a)
## File: REC91

**Overview**

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

# Causes for Malaria - Dirty needle (s504b)
## File: REC91

**Overview**

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

# Causes for Malaria - Dirty environment (s504c)
## File: REC91

**Overview**

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

# Causes for Malaria - Contaminated food (s504d)
## File: REC91

**Overview**

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

# Causes for Malaria - Witchcraft (s504e)
## File: REC91

**Overview**

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

# Causes for Malaria - Other (s504x)
## File: REC91

**Overview**

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

# Causes for Malaria - Doesn't know any (s504z)
## File: REC91

**Overview**

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

# Way to prevent malaria (s505)
## File: REC91

**Overview**

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

# Prevention - Sleep under mosquito nets (s506a)
## File: REC91

**Overview**

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

# Prevention - Use mosquito coils (s506b)
## File: REC91

**Overview**

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

# Prevention - Fumigate the house (s506c)
## File: REC91

**Overview**

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

# Prevention - Keep doors and windows closed (s506d)
## File: REC91

**Overview**

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

# Prevention - Use insects repellent (s506e)
## File: REC91

**Overview**

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

# Prevention - Keep a clean environment (s506f)
## File: REC91

**Overview**

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

# Prevention - Mowing the lawns (s506g)
## File: REC91

### Overview

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

# Prevention - Other (s506x)
## File: REC91

### Overview

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

# Prevention - DK (s506z)
## File: REC91

### Overview

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

# Malaria can be treated (s507)
## File: REC91

### Overview

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

# Medicine for malaria - SP/Fansidar (s508a)
## File: REC91

### Overview

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

# Medicine for malaria - Chloroquine (s508b)
## File: REC91

| Overview |
|---|

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

# Medicine for malaria - Quinine (s508c)
## File: REC91

| Overview |
|---|

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

# Medicine for malaria - Coartem (s508d)
## File: REC91

| Overview |
|---|

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

# Medicine for malaria - Aspirine / Panadol / Paracetamol, etc (s508e)
## File: REC91

| Overview |
|---|

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

# Medicine for malaria - Medicinal Herbs (s508f)
## File: REC91

| Overview |
|---|

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

# Medicine for malaria - Other (s508x)
## File: REC91

### Overview

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

# Medicine for malaria - Don't know (s508z)
## File: REC91

### Overview

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

# Saw or heard messages about malaria (s509)
## File: REC91

### Overview

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

# Messages about Malaria - Seek medical treatment in case of fever (s510a)
## File: REC91

### Overview

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

# Messages about Malaria - Sleep under mosquito nets (s510b)
## File: REC91

### Overview

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

# Messages about Malaria - Pregnant women must have medicine to prevent malaria (s510c)
## File: REC91

**Overview**

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

# Messages about Malaria - Malaria may cause death (s510d)
## File: REC91

**Overview**

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

# Messages about Malaria - Other (s510x)
## File: REC91

**Overview**

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

# Messages about Malaria - Doesn't Remember (s510z)
## File: REC91

**Overview**

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

# Place saw or heard messages - Radio (s511a)
## File: REC91

**Overview**

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

# Place saw or heard messages - TV (s511b)
## File: REC91

**Overview**

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

# Place saw or heard messages - Newspaper (s511c)
## File: REC91

**Overview**

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

# Place saw or heard messages - Video club (s511d)
## File: REC91

**Overview**

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

# Place saw or heard messages - Advertising cards (s511e)
## File: REC91

**Overview**

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

# Place saw or heard messages - Posters (s511f)
## File: REC91

**Overview**

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

# Place saw or heard messages - Brochures (s511g)
## File: REC91

### Overview

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

# Place saw or heard messages - School / University (s511h)
## File: REC91

### Overview

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

# Place saw or heard messages - Health stands / Health promotors (s511i)
## File: REC91

### Overview

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

# Place saw or heard messages - Other (s511x)
## File: REC91

### Overview

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

# Case Identification (hhid)
## File: REC94

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC94

**Overview**

Type: Discrete
Format: character
Width: 9

# Index to birth history (idx94)
## File: REC94

**Overview**

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

# Pregnant women need to take some kind of medication (s303a)
## File: REC94

**Overview**

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

# Prenatal - Nurse (s303b)
## File: REC94

**Overview**

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

# Prenatal - Midwife (s303c)
## File: REC94

**Overview**

# Prenatal - Midwife (s303c)
# File: REC94

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

# Case Identification (hhid)
## File: REC95

**Overview**

Type: Discrete
Format: character
Width: 6

# Case Identification (caseid)
## File: REC95

**Overview**

Type: Discrete
Format: character
Width: 9

# Index to birth history (idx95)
## File: REC95

**Overview**

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

# Days started (s405)
## File: REC95

**Overview**

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

# Place of treatment - Private Hospital (s407h)
## File: REC95

**Overview**

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

# Place of treatment - Private Clinic (s407i)
## File: REC95

**Overview**

## Place of treatment - Private Clinic (s407i)
## File: REC95

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

## Someone drew blood (s411a)
## File: REC95

**Overview**

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

# Related Materials

## Questionnaires

## Angola 2011 MIS questionnaire (English)

| | |
|---|---|
| Title | Angola 2011 MIS questionnaire (English) |
| Country | Angola |
| Language | English |
| Filename | AGO_2011_MIS_Questionnaire_EN.pdf |

## Angola 2011 MIS questionnaire (Portuguese)

| | |
|---|---|
| Title | Angola 2011 MIS questionnaire (Portuguese) |
| Country | Angola |
| Language | Portuguese |
| Filename | AGO_2011_MIS_Questionnaire_PT.pdf |

## Reports

## Angola 2011 MIS Final Report (English)

| | |
|---|---|
| Title | Angola 2011 MIS Final Report (English) |
| Author(s) | República de Angola, Ministério da Saúde, Direc??o Nacional de Saúde Pública, Programa Nacional de Controlo da Malária, Luanda, Angola et ICF International, Calverton, Maryland, USA |
| Date | 2012-04-01 |
| Country | Angola |
| Language | English |
| Filename | https://www.dhsprogram.com/pubs/pdf/MIS11/MIS11.pdf |

## Angola 2011 MIS Final Report (Portuguese)

| | |
|---|---|
| Title | Angola 2011 MIS Final Report (Portuguese) |
| Author(s) | República de Angola, Ministério da Saúde, Direc??o Nacional de Saúde Pública, Programa Nacional de Controlo da Malária, Luanda, Angola et ICF International, Calverton, Maryland, USA |
| Date | 2011-12-01 |
| Country | Angola |
| Language | Portuguese |
| Filename | https://www.dhsprogram.com/pubs/pdf/MIS10/MIS10.pdf |

## Angola 2011 MIS Fact Sheet (Portuguese)

| | |
|---|---|
| Title | Angola 2011 MIS Fact Sheet (Portuguese) |
| Author(s) | MEASURE DHS |
| Country | Angola |
| Language | Portuguese |
| Filename | https://www.dhsprogram.com/pubs/pdf/MF5/GF23.pdf |

## Technical documents

## DHS-V Recode Manual

| | |
|---|---|
| Title | DHS-V Recode Manual |
| Author(s) | MEASURE DHS |
| Language | English |
| Description | The Recode Manual provides the information necessary to understand these datasets. It describes each data file and contains its associated dictionary and documentation. Each data file and its associated dictionary and documentation are distributed in archived ZIP files, for all available formats (hierarchical and flat). ASCII data and System data files are available for CSPro, SAS, SPSS, and STATA. Users are strongly encouraged to download the DHS recode manual for use with all recode files. |
| Filename | Recode5DHS.pdf |

## Angola 2011 MIS (DHS V) Individual Recode Documentation

| | |
|---|---|
| Title | Angola 2011 MIS (DHS V) Individual Recode Documentation |
| Language | English |
| Filename | AOIR61FL.pdf |