

# Mozambique - Inquérito Nacional sobre Indicadores de Malária 2018

**Instituto Nacional de Saúde (INS)**

Report generated on: August 6, 2019

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

## Overview

### Identification

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#### ID NUMBER

MOZ\_2018\_MIS\_v01\_M

### Version

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#### NOTES

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

## Overview

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#### ABSTRACT

O Inquérito sobre Indicadores de Malária (IIM 2018) é um inquérito de base populacional, com representatividade a nível nacional, urbano e rural concebido de acordo com as directrizes do grupo de trabalho RBM-MERG (Roll Back Malaria Monitoring and Evaluation Working Group). O objectivo principal do IIM 2018 é fornecer estimativas actualizadas de indicadores demográficos básicos e de saúde, relacionados com a malária. Especificamente, o IIM 2018 recolheu dados sobre redes mosquiteiras, tratamento intermitente e preventivo da malária em mulheres grávidas (TIP) e procura de cuidados e tratamento da febre nas crianças. As crianças de 6-59 meses de idade foram igualmente submetidas a testes de diagnóstico rápido da malária e testes de anemia. As mulheres entrevistadas foram avaliadas quanto ao seu conhecimentos sobre prevenção, diagnóstico e tratamento da malária. As informações produzidas através do IIM 2018 servirão de suporte aos decisores de políticas de saúde e gestores de programas, na avaliação e concepção de estratégias e intervenções para melhorar a saúde da população no país.

#### KIND OF DATA

Sample survey data [ssd]

#### UNITS OF ANALYSIS

- Agregados familiares
- Mulheres de 15 a 49 anos
- Crianças de 6-59 meses

## Scope

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#### NOTES

O Inquérito Nacional sobre Indicadores de Malária (IIM) 2018 abrange os seguintes tópicos:

#### AGREGADO FAMILIAR

- Identificação
- Listagem Doméstica
- Características do agregado familiar
- Redes mosquiteiras

- Febre e Tratamento Domiciliário

- Características da Habitação

## MULHERES

- Identificação

- Características de base (idade, histórico residencial, nível de escolaridade, literacia e língua materna).

- Historial de nascimentos nos últimos seis anos.

- Tratamento intermitente e preventivo contra a malária durante a gravidez.

- Prevalência e tratamento da febre entre as crianças com menos de 5 anos.

- Conhecimento sobre a malária (sintomas, causas, prevenção e tipos de medicação antimalárica).

- Preferências em redes mosquiteiras e fontes de mensagens da comunicação social sobre a malária.

## BIOMARCADORES

- Identificação

- Teste de hemoglobina e malária para crianças de 0 a 5 anos

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Instituto Nacional de Saúde (INS)	Governo de Moçambique

### OTHER PRODUCER(S)

Name	Affiliation	Role
Programa Nacional de Controlo da Malária	Governo de Moçambique	Colaboração na implementação da pesquisa
Instituto Nacional de Estatística	Governo de Moçambique	Colaboração na implementação da pesquisa
ICF	The DHS Program	Provided technical assistance through the DHS Global Program funded by the United States Agency for International Development (USAID)

### FUNDING

Name	Abbreviation	Role
Governo de Moçambique	GovtMOZ	Financiadora
Iniciativa do Presidente dos Estados Unidos da América Contra a Malária	PMI	Financiadora
Agência dos Estados Unidos para o Desenvolvimento Internacional	USAID	Financiadora
Fundo das Nações Unidas para a Infância	UNICEF	Financiadora

## Metadata Production

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### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the DDI

### DATE OF METADATA PRODUCTION

2019-08-05

### DDI DOCUMENT VERSION

Version 01 (August 2019). Metadata is excerpted from "Moçambique Inquérito Nacional sobre Indicadores de Malária (IIM) 2018" Report.

### DDI DOCUMENT ID

DDI\_MOZ\_2018\_MIS\_v01\_M

# Sampling

## Sampling Procedure

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O desenho da amostra do IIM 2018 obedece duas fases que permitem estimativas dos principais indicadores da malária para os seguintes domínios:

- Nacional
- Áreas urbanas e rurais
- Cada uma das onze províncias nomeadamente: Niassa, Cabo Delgado, Nampula, Zambézia, Tete, Manica, Sofala, Inhambane, Gaza, Maputo Província, e Maputo Cidade.

A primeira fase da amostragem envolveu a selecção de pontos de amostra (conglomerados) do quadro de amostragem. As Áreas de Enumeração (AEs) delineadas no Recenseamento Geral da População e Habitação 2007 (RPGH 2007), actualizadas com base no Recenseamento Geral da Agricultura 2009, foram utilizadas como o quadro de amostragem. Das AEs abrangidas no Recenseamento Geral da População e Habitação 2007, foram seleccionadas um total de 224 AEs ou conglomerados, com probabilidade proporcional ao tamanho. Destas AEs, 92 estavam localizadas nas áreas urbanas e 132 em áreas rurais. Nas áreas urbanas, foram recolhidas mais amostras dentro do conglomerado, a fim de produzir estimativas robustas para cada área ou domínio.

A segunda fase da amostragem envolveu uma selecção sistemática de agregados familiares dentro de cada AE. As equipas de trabalho de campo fizeram à listagem ou enumeração de agregados familiares após chegarem na AE e, os agregados familiares incluídos no inquérito, foram aleatoriamente seleccionados com base na listagem feita aos agregados familiares. Em cada AE foram seleccionados 28 agregados familiares, totalizando um tamanho de amostra de 6.279 agregados familiares. Uma vez que o tamanho de amostra é aproximadamente semelhante em cada região, a amostra não foi auto-ponderada a nível nacional. Os resultados apresentados neste relatório foram ponderados para atender à complexidade do desenho da amostra.

Todas as mulheres com idades compreendidas entre os 15-49 anos, que residiam habitualmente nos agregados familiares seleccionados ou tinham passado a noite anterior ao inquérito no agregado familiar, foram elegíveis para o inquérito. Com o consentimento dos pais ou cuidadores, as crianças dos 6-59 meses de idade foram submetidas a teste de anemia e malária por TDR.

Para obter informação adicional sobre os procedimentos de amostragem, consulte o apêndice A.

## Response Rate

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Entre os agregados familiares presentes, 6.196 foram entrevistados com sucesso, representando uma taxa de resposta de agregados familiares total de 99%. Nos agregados familiares entrevistados, 6.290 mulheres elegíveis foram identificadas como elegíveis para a entrevista individual e 6.184 mulheres foram entrevistadas com sucesso, dando uma taxa de resposta de 98,3%.

# Questionnaires

## Overview

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Os dados foram recolhidos com recurso a três tipos de questionários: o questionário para agregados familiares, o questionário para mulheres e o questionário de biomarcadores. Os questionários foram adaptados dos questionários padrão do RBM-MERG, de modo a reflectir as questões demográficas e de saúde relevantes para Moçambique. As modificações foram determinadas ao longo de uma série de reuniões técnicas com vários técnicos e parceiros governamentais e não-governamentais do INS e PNCM. Os questionários traduzidos para o português foram incorporados nos tablets através do programa CSpro, permitindo aos inquiridores o uso de sistema de entrevista assistida por computador, denominado CAPI. Além disso, todas as pessoas que implementaram no campo o IIM 2018 preencheram um questionário para inquiridores, composto por duas páginas.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2018-04	2018-06	N/A

### Data Collection Mode

Computer Assisted Personal Interview [capi]

### Data Collection Notes

Para o trabalho de campo foram formadas vinte equipas, cada constituída por três inquiridores e um supervisor de campo. Os inquiridores fizeram o reconhecimento da área de enumeração, listagem dos agregados familiares e administração dos questionários nos agregados seleccionados. Nos agregados seleccionados, os inquiridores fizeram também a testagem de anemia e malária por TDR, trataram as crianças com malária moderada e referiram as crianças com malária grave e anemia.

Para além dos tablets para o CAPI, foram impressos questionários, manuais, formulários de consentimento informado, brochuras e fichas para uso durante os trabalhos de campo. O INS com apoio da ICF, preparou os materiais de campo, como mochilas, tendas, sacos cama, botas, camisetes, bonés e cartão de identificação dos inquiridores. Toda logística de trabalho de campo foi coordenada pelo INS, INE e o PNCM, com apoio da ICF. Os equipamentos, materiais e outros insumos médicos para testagem de anemia e malária, foram adquiridos e enviados para as províncias pela “Global Health Supply Chain Program-Procurement and Supply Management” (GHSC-PSM) da USAID.

As actividades de recolha de dados no campo iniciaram a 26 de Março de 2018 na Cidade de Maputo. Para melhor seguimento dos inquiridores, todas as vinte equipas receberam, pelo menos, três visitas de supervisores nacionais durante todo o trabalho do campo, para além de que cada uma tinha um supervisor de campo permanente. O trabalho do campo foi concluído no dia 30 de Junho de 2018.

### Questionnaires

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## Data Processing

### Data Editing

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Os dados para o IIM 2018 foram recolhidos através de questionários programados para a aplicação CAPI. Os tablets CAPI foram programados pela ICF e adicionados os questionários para agregados familiares e mulheres. Os dados de biomarcadores foram inicialmente registados em questionários de biomarcadores em papel e, de seguida, introduzidos no CAPI no mesmo dia. Todos os dias no fim das actividades de recolha de dados, os supervisores do campo transferiam os dados para o servidor central no INS, para controlo de qualidade e verificação de erros. Para facilitar a comunicação e monitoria das actividades de recolha de dados, cada inquiridor recebeu um número único de identificação.

A ICF proporcionou assistência técnica para processamento dos dados usando o sistema CPro (Censuses and Surveys Processing) para edição, limpeza, ponderação e tabulação de dados. No servidor central localizado no INS, os dados recebidos das aplicações CAPI das equipas no campo, foram registados e verificados para detecção de inconsistências. A edição e limpeza de dados incluiu uma extensa verificação das consistências estruturais e internas. Todas as anomalias foram comunicadas aos supervisores no campo, de modo que às equipas de processamento de dados pudessem resolver as discrepâncias entre os dados. Os resultados corrigidos foram mantidos em ficheiros de dados principais CPro ao nível da ICF e utilizados para análise na criação de quadros para o relatório final.



# Data Appraisal

## Estimates of Sampling Error

As estimativas de um inquérito por amostragem podem ser afectadas por dois tipos de erro: erros relacionados com a amostra e erros não relacionados com a amostra. Os erros não relacionados com a amostra resultam de erros cometidos na implementação da recolha e processamento de dados como, por exemplo, não localizar e entrevistar o agregado familiar correcto, o entrevistador ou o inquirido entendeu mal as perguntas e erros no registo de dados. Embora tenham sido reunidos inúmeros esforços para minimizar este tipo de erro, durante a implementação do IIM 2018, os erros não relacionados com a amostragem são impossíveis de evitar e difíceis de avaliar estatisticamente.

Por outro lado, os erros de amostragem podem ser avaliados estatisticamente. A amostra de entrevistados seleccionados no IIM 2018 é apenas uma das muitas amostras que poderiam ter sido seleccionadas da mesma população, utilizando a mesma concepção e tamanho esperados. Concluindo, nos inquéritos por amostragem pretende-se analisar as características da população de dimensão  $N$ , com base numa amostra de  $n$  unidades extraídas dessa mesma população. De um modo geral, nos inquéritos por amostragem, pretende-se estimar características da população como totais, médias ou proporções.

O erro de amostragem visa avaliar a precisão das estimativas populacionais, o qual é normalmente medido através do erro-padrão, que é a raiz quadrada da variância. O erro-padrão pode ser utilizado para calcular intervalos de confiança dentro dos quais é razoável assumir que se encontre o verdadeiro valor para a população.

Sampling tabelas de erro são apresentados no Apêndice B do relatório final.

## Other forms of Data Appraisal

Quadros da qualidade dos dados

- Distribuição da população dos agregados familiares, por idade
- Distribuição das mulheres elegíveis e entrevistadas por idade
- Qualidade dos dados
- Nascimentos por ano
- Conclusão de áreas de enumeração
- Resultados positivos do TDR ao longo do tempo

## File Description

## Variable List

**RECH0**

Content	HOUSEHOLD - Household's basic data
Cases	6370
Variable(s)	51
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	hhid	Case Identification	discrete	character	
V2	hv000	Country code and phase	discrete	character	
V3	hv001	Cluster number	contin	numeric	
V4	hv002	Household number	contin	numeric	
V5	hv003	Respondent's line number (answering Household questionnaire)	discrete	numeric	
V6	hv004	Ultimate area unit	contin	numeric	
V7	hv005	Household sample weight (6 decimals)	contin	numeric	
V8	hv006	Month of interview	discrete	numeric	
V9	hv007	Year of interview	discrete	numeric	
V10	hv008	Date of interview (CMC)	discrete	numeric	
V11	hv008a	Date of interview Century Day Code (CDC)	contin	numeric	
V12	hv009	Number of household members	contin	numeric	
V13	hv010	Number of eligible women in household	discrete	numeric	
V14	hv011	NA - Number of eligible men in household	discrete	numeric	
V15	hv012	Number of de jure members	contin	numeric	
V16	hv013	Number of de facto members	contin	numeric	
V17	hv014	Number of children 5 and under (de jure)	discrete	numeric	
V18	hv015	Result of household interview	discrete	numeric	
V19	hv016	Day of interview	contin	numeric	
V20	hv017	Number of visits	discrete	numeric	
V21	hv018	Interviewer identification	contin	numeric	
V22	hv019	Keyer identification	discrete	numeric	
V23	hv020	Ever-married sample	discrete	numeric	
V24	hv021	Primary sampling unit	contin	numeric	
V25	hv022	Sample strata for sampling errors	discrete	numeric	
V26	hv023	Stratification used in sample design	discrete	numeric	
V27	hv024	Region	discrete	numeric	
V28	hv025	Type of place of residence	discrete	numeric	

V29	hv026	Place of residence	discrete	numeric
V30	hv027	Household selected for male interview	discrete	numeric
V31	hv028	Household weight for male subsample (6 decimals)	discrete	numeric
V32	hv030	Field supervisor	contin	numeric
V33	hv031	NA - Field editor	discrete	numeric
V34	hv032	Office editor	discrete	numeric
V35	hv035	Number of eligible children for anemia and malaria	discrete	numeric
V36	hv040	NA - Cluster altitude in meters	discrete	numeric
V37	hv041	NA - Total adults measured	discrete	numeric
V38	hv042	Household selected for hemoglobin	discrete	numeric
V39	hv045a	Language of questionnaire	discrete	numeric
V40	hv045b	Language of interview	discrete	numeric
V41	hv045c	Native language of respondent	discrete	numeric
V42	hv046	Translator used	discrete	numeric
V43	hv801	Time interview started (hhmm - 24 hour clock)	contin	numeric
V44	hv802	Time interview ended (hhmm - 24 hour clock)	contin	numeric
V45	hv803	Length of interview in minutes	discrete	numeric
V46	hv804	Number of visits for biomarker	discrete	numeric
V47	hv807d	Day of biomarker visit	contin	numeric
V48	hv807m	Month of biomarker visit	discrete	numeric
V49	hv807y	Year of biomarker visit	discrete	numeric
V50	hv807c	Date of biomarker (CMC)	discrete	numeric
V51	hv807a	Date of biomarker Century Day Code (CDC)	contin	numeric

**RECH1**

Content	HOUSEHOLD - Household Schedule
Cases	36672
Variable(s)	11
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V52	hhid	Case Identification	discrete	character	
V53	hvidx	Line number	contin	numeric	
V54	hv101	Relationship to head	discrete	numeric	
V55	hv102	Usual resident	discrete	numeric	
V56	hv103	Slept last night	discrete	numeric	
V57	hv104	Sex of household member	discrete	numeric	
V58	hv105	Age of household members	discrete	numeric	
V59	hv115	Current marital status	discrete	numeric	
V60	hv116	Currently, formerly, never married	discrete	numeric	
V61	hv117	Eligibility for female interview	discrete	numeric	
V62	hv120	Children eligibility for height/weight and hemoglobin	discrete	numeric	

## RECH2

Content	HOUSEHOLD - Household Characteristics
Cases	6322
Variable(s)	55
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V63	hhid	Case Identification	discrete	character	
V64	hv201	Source of drinking water	discrete	numeric	
V65	hv202	Source of non-drinking water	discrete	numeric	
V66	hv201a	NA - Water not available for at least a day last two weeks	discrete	numeric	
V67	hv204	Time to get to water source (minutes)	discrete	numeric	
V68	hv205	Type of toilet facility	discrete	numeric	
V69	hv206	Has electricity	discrete	numeric	
V70	hv207	Has radio	discrete	numeric	
V71	hv208	Has television	discrete	numeric	
V72	hv209	Has refrigerator/Freezer	discrete	numeric	
V73	hv210	Has bicycle	discrete	numeric	
V74	hv211	Has motorcycle/scooter	discrete	numeric	
V75	hv212	Has car/truck	discrete	numeric	
V76	hv213	Main floor material	discrete	numeric	
V77	hv214	Main wall material	discrete	numeric	
V78	hv215	Main roof material	discrete	numeric	
V79	hv216	Number of rooms used for sleeping	contin	numeric	
V80	hv217	Relationship structure	discrete	numeric	
V81	hv218	Line number of head of household	discrete	numeric	
V82	hv219	Sex of head of household	discrete	numeric	
V83	hv220	Age of head of household	discrete	numeric	
V84	hv221	Has telephone (land-line)	discrete	numeric	
V85	hv225	Share toilet with other households	discrete	numeric	
V86	hv226	Type of cooking fuel	discrete	numeric	
V87	hv227	Has mosquito bed net for sleeping	discrete	numeric	
V88	hv228	Children under 5 slept under mosquito bed net last night	discrete	numeric	
V89	hv235	Location of source for water	discrete	numeric	
V90	hv238	Number of households sharing toilet	discrete	numeric	

V91	hv243a	Has mobile telephone	discrete	numeric
V92	hv243b	Has watch	discrete	numeric
V93	hv243c	Has animal-drawn cart	discrete	numeric
V94	hv243d	Has boat with a motor	discrete	numeric
V95	hv243e	Has a computer	discrete	numeric
V96	hv244	Owens land usable for agriculture	discrete	numeric
V97	hv245	Hectares of agricultural land (1 decimal)	discrete	numeric
V98	hv246	Owens livestock, herds or farm animals	discrete	numeric
V99	hv246a	Owens cattle	discrete	numeric
V100	hv246b	Owens cows/ bulls	discrete	numeric
V101	hv246c	Owens horses/ donkeys/ mules	discrete	numeric
V102	hv246d	Owens goats	discrete	numeric
V103	hv246e	Owens sheep	discrete	numeric
V104	hv246f	Owens chickens/poultry	discrete	numeric
V105	hv246g	Owens porks	discrete	numeric
V106	hv246h	NA - Owens CS	discrete	numeric
V107	hv246i	NA - Owens CS	discrete	numeric
V108	hv246j	NA - Owens CS	discrete	numeric
V109	hv246k	NA - Owens CS	discrete	numeric
V110	hv247	Has bank account	discrete	numeric
V111	hv270	Wealth index combined	discrete	numeric
V112	hv271	Wealth index factor score combined (5 decimals)	contin	numeric
V113	hv270a	Wealth index for urban/rural	discrete	numeric
V114	hv271a	Wealth index factor score for urban/rural (5 decimals)	contin	numeric
V115	hml1	Number of mosquito bed nets	discrete	numeric
V116	hml1a	Number of mosquito bed nets with specific information	discrete	numeric
V117	hml2	Number of children under mosquito bed net previous night	discrete	numeric



**RECH3**

Content	HOUSEHOLD - Survey specific Household variables
Cases	6370
Variable(s)	10
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V118	hhid	Case Identification	discrete	character	
V119	shconces	Concession	contin	numeric	
V120	shprovince	Province	discrete	numeric	
V121	shresid	Place of residence	discrete	numeric	
V122	sh114g	Has table/ chair	discrete	numeric	
V123	sh114h	Has closet/cabinet to keep books	discrete	numeric	
V124	sh114i	Has stove/cooker	discrete	numeric	
V125	sh114j	Has hunting gun	discrete	numeric	
V126	sh114k	Has plow	discrete	numeric	
V127	sh115h	Has canoe	discrete	numeric	

## RECH6

Content	HOUSEHOLD - Children Height/Weight/Hemoglobin
Cases	6321
Variable(s)	29
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V128	hhid	Case Identification	discrete	character	
V129	hc0	Index to Household Schedule	contin	numeric	
V130	hc1	Child's age in months	contin	numeric	
V131	hc1a	Child's age in days	contin	numeric	
V132	hc16	Day of birth	discrete	numeric	
V133	hc17	Date measured (day)	contin	numeric	
V134	hc18	Date measured (month)	discrete	numeric	
V135	hc19	Date measured (year)	discrete	numeric	
V136	hc20	Century Day Code (CDC) of measurement	contin	numeric	
V137	hc21	Fieldworker measurer code	contin	numeric	
V138	hc27	Sex	discrete	numeric	
V139	hc30	Month of birth	discrete	numeric	
V140	hc31	Year of birth	discrete	numeric	
V141	hc32	Date of birth (CMC)	contin	numeric	
V142	hc32a	Century Day Code (CDC) of birth	contin	numeric	
V143	hc33	Completeness of HC32 information	discrete	numeric	
V144	hc51	Line number of parent/caretaker	discrete	numeric	
V145	hc52	Read consent statement - hemoglobin	discrete	numeric	
V146	hc53	Hemoglobin level (g/dl - 1 decimal)	discrete	numeric	
V147	hc55	Result of measurement - hemoglobin	discrete	numeric	
V148	hc56	Hemoglobin level adjusted for altitude (g/dl - 1 decimal)	discrete	numeric	
V149	hc57	Anemia level	discrete	numeric	
V150	hc58	NA - Agrees to referral - anemia	discrete	numeric	
V151	hc60	Mother's line number (woman's questionnaire)	discrete	numeric	
V152	hc61	Mother's highest educational level	discrete	numeric	
V153	hc62	Mother's highest year of education	discrete	numeric	
V154	hc63	Preceding birth interval (months)	contin	numeric	
V155	hc64	Birth order number	contin	numeric	

V156	hc68	Mother's highest educational level (for preliminary and final report)	discrete	numeric
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## RECHML

Content	HOUSEHOLD - Malaria: by Mosquito Bed Net
Cases	11030
Variable(s)	20
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V198	hhid	Case Identification	discrete	character	
V199	hmlidx	Mosquito Bed Net Designation Number	discrete	numeric	
V200	hml3	Net observed by interviewer	discrete	numeric	
V201	hml4	Months ago net obtained	discrete	numeric	
V202	hml5	NA - Net treated with insecticide when bought	discrete	numeric	
V203	hml6	Net treatment status	discrete	numeric	
V204	hml7	Brand of net	discrete	numeric	
V205	hml8	Net treated since receiving	discrete	numeric	
V206	hml9	NA - Time since last re-treatment (months)	discrete	numeric	
V207	hml10	Insecticide-Treated Net (ITN)	discrete	numeric	
V208	hml11	Number of persons who slept under this net	discrete	numeric	
V209	hml21	Someone slept under this net last night	discrete	numeric	
V210	hmla	Line number of person who slept in this net	discrete	numeric	
V211	hmlb	Line number of person who slept in this net	discrete	numeric	
V212	hmlc	Line number of person who slept in this net	contin	numeric	
V213	hml d	Line number of person who slept in this net	discrete	numeric	
V214	hmle	NA - Line number of person who slept in this net	discrete	numeric	
V215	hml22	Obtained net from campaign, antenatal or immunization visit	discrete	numeric	
V216	hml23	Place where net was obtained	discrete	numeric	
V217	sh126	Obtained net from campaign, antenatal or immunization visit	discrete	numeric	

## RECHMH

Content	HOUSEHOLD - Malaria: by Household Member
Cases	36672
Variable(s)	41
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V157	hhid	Case Identification	discrete	character	
V158	hnhidx	Index to Household Schedule	contin	numeric	
V159	hml12	Type of Mosquito Bed Net(s) person slept under last night	discrete	numeric	
V160	hml13	Net Designation Number (HMLIDX) for 1st net person slept under last night	discrete	numeric	
V161	hml14	Net Designation Number (HMLIDX) for 2nd net person slept under last night	discrete	numeric	
V162	hml15	Net Designation Number (HMLIDX) for 3rd net person slept under last night	discrete	numeric	
V163	hml16	Corrected age from Individual file	discrete	numeric	
V164	hml16a	Age in months (for children)	contin	numeric	
V165	hml17	Flag for age from Individual file	discrete	numeric	
V166	hml18	Pregnancy status from Individual file	discrete	numeric	
V167	hml19	Person slept under an ever-treated net	discrete	numeric	
V168	hml20	Person slept under an LLIN net	discrete	numeric	
V169	hml30	Line number of parent/caretaker (for malaria testing)	discrete	numeric	
V170	hml31	Read consent statement for malaria	discrete	numeric	
V171	hml32	Final result of malaria from blood smear test	discrete	numeric	
V172	hml32a	NA - Presence of species: falciparum (Pf)	discrete	numeric	
V173	hml32b	NA - Presence of species: malariae (Pm)	discrete	numeric	
V174	hml32c	NA - Presence of species: ovale (Po)	discrete	numeric	
V175	hml32d	NA - Presence of species: vivax (Pv)	discrete	numeric	
V176	hml32e	NA - Presence of species: CS	discrete	numeric	
V177	hml32f	NA - Presence of species: CS	discrete	numeric	
V178	hml32g	NA - Presence of species: CS	discrete	numeric	
V179	hml33	Result of malaria measurement	discrete	numeric	
V180	hml34	Bar code for blood smear sample	discrete	character	
V181	hml35	Result of malaria rapid test	discrete	numeric	
V182	hml36	Fieldworker measurer code for malaria	contin	numeric	

V183	sb215	Result of malaria RDT	discrete	numeric
V184	sb216	Anemia level for children without malaria	discrete	numeric
V185	sb218a	Child suffering any illnesses or symptoms: Extreme weakness	discrete	numeric
V186	sb218b	Child suffering any illnesses or symptoms: heart problems	discrete	numeric
V187	sb218c	Child suffering any illnesses or symptoms: Loss of consciousness	discrete	numeric
V188	sb218d	Child suffering any illnesses or symptoms: Severe respiratory failure	discrete	numeric
V189	sb218e	Child suffering any illnesses or symptoms: Convulsions	discrete	numeric
V190	sb218f	Child suffering any illnesses or symptoms: Abnormal bleeding	discrete	numeric
V191	sb218g	Child suffering any illnesses or symptoms: Jaundice	discrete	numeric
V192	sb218h	Child suffering any illnesses or symptoms: Black urine / brown	discrete	numeric
V193	sb220	Anemia level for children with malaria	discrete	numeric
V194	sb221	Taking ACT given by a doctor/health center to treat the malaria	discrete	numeric
V195	sb225	Accepted medicine for malaria treatment	discrete	numeric
V196	sb226	Accepted medicine for malaria	discrete	numeric
V197	sb228	Anemia level for children with malaria and symptoms	discrete	numeric

## REC01

Content	WOMAN - Respondent's basic data
Cases	7674
Variable(s)	39
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V218	hhid	Case Identification	discrete	character	
V219	caseid	Case Identification	discrete	character	
V220	v000	Country code and phase	discrete	character	
V221	v001	Cluster number	contin	numeric	
V222	v002	Household number	contin	numeric	
V223	v003	Respondent's line number	contin	numeric	
V224	v004	Ultimate area unit	contin	numeric	
V225	v005	Women's individual sample weight (6 decimals)	contin	numeric	
V226	v006	Month of interview	discrete	numeric	
V227	v007	Year of interview	discrete	numeric	
V228	v008	Date of interview (CMC)	discrete	numeric	
V229	v008a	Date of interview Century Day Code (CDC)	contin	numeric	
V230	v009	Respondent's month of birth	discrete	numeric	
V231	v010	Respondent's year of birth	contin	numeric	
V232	v011	Date of birth (CMC)	contin	numeric	
V233	v012	Respondent's current age	contin	numeric	
V234	v013	Age in 5-year groups	discrete	numeric	
V235	v014	Completeness of age information	discrete	numeric	
V236	v015	Result of individual interview	discrete	numeric	
V237	v016	Day of interview	contin	numeric	
V238	v021	Primary sampling unit	contin	numeric	
V239	v022	Sample strata for sampling errors	discrete	numeric	
V240	v023	Stratification used in sample design	discrete	numeric	
V241	v024	Region	discrete	numeric	
V242	v025	Type of place of residence	discrete	numeric	
V243	v026	De facto place of residence	discrete	numeric	
V244	v027	Number of visits	discrete	numeric	
V245	v028	Interviewer identification	contin	numeric	

V246	v029	Keyer identification	discrete	numeric
V247	v030	Field supervisor	contin	numeric
V248	v031	NA - Field editor	discrete	numeric
V249	v032	Office editor	discrete	numeric
V250	v034	NA - Line number of husband	discrete	numeric
V251	v040	NA - Cluster altitude in meters	discrete	numeric
V252	v042	Household selected for hemoglobin	discrete	numeric
V253	v045a	Language of questionnaire	discrete	numeric
V254	v045b	Language of interview	discrete	numeric
V255	v045c	Native language of respondent	discrete	numeric
V256	v046	Translator used	discrete	numeric



## REC11

Content	WOMAN - Respondent's basic data (continued)
Cases	7628
Variable(s)	43
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V291	hhid	Case Identification	discrete	character	
V292	caseid	Case Identification	discrete	character	
V293	v101	Region	discrete	numeric	
V294	v102	Type of place of residence	discrete	numeric	
V295	v106	Highest educational level	discrete	numeric	
V296	v107	Highest year of education	discrete	numeric	
V297	v113	Source of drinking water	discrete	numeric	
V298	v115	Time to get to water source	discrete	numeric	
V299	v116	Type of toilet facility	discrete	numeric	
V300	v119	Household has: electricity	discrete	numeric	
V301	v120	Household has: radio	discrete	numeric	
V302	v121	Household has: television	discrete	numeric	
V303	v122	Household has: refrigerator	discrete	numeric	
V304	v123	Household has: bicycle	discrete	numeric	
V305	v124	Household has: motorcycle/scooter	discrete	numeric	
V306	v125	Household has: car/truck	discrete	numeric	
V307	v127	Main floor material	discrete	numeric	
V308	v128	Main wall material	discrete	numeric	
V309	v129	Main roof material	discrete	numeric	
V310	v130	Religion	discrete	numeric	
V311	v131	Ethnicity	discrete	numeric	
V312	v133	Education in single years	discrete	numeric	
V313	v134	De facto place of residence	discrete	numeric	
V314	v135	Usual resident or visitor	discrete	numeric	
V315	v136	Number of household members (listed)	contin	numeric	
V316	v137	Number of children 5 and under in household (de jure)	discrete	numeric	
V317	v138	Number of eligible women in household (de facto)	discrete	numeric	
V318	v139	De jure region of residence	discrete	numeric	

V319	v140	De jure type of place of residence	discrete	numeric
V320	v141	De jure place of residence	discrete	numeric
V321	v149	Educational attainment	discrete	numeric
V322	v150	Relationship to household head	discrete	numeric
V323	v151	Sex of household head	discrete	numeric
V324	v152	Age of household head	discrete	numeric
V325	v153	Household has: telephone (land-line)	discrete	numeric
V326	v155	Literacy	discrete	numeric
V327	v160	Toilet facilities shared with other households	discrete	numeric
V328	v161	Type of cooking fuel	discrete	numeric
V329	v190	Wealth index combined	discrete	numeric
V330	v191	Wealth index factor score combined (5 decimals)	contin	numeric
V331	v190a	Wealth index for urban/rural	discrete	numeric
V332	v191a	Wealth index factor score for urban/rural (5 decimals)	contin	numeric
V333	ml101	Type of mosquito bed net(s) slept under last night	discrete	numeric

## REC21

Content	WOMAN - Reproduction and Birth History
Cases	7163
Variable(s)	23
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V334	hhid	Case Identification	discrete	character	
V335	caseid	Case Identification	discrete	character	
V336	bidx	Birth column number	discrete	numeric	
V337	bord	Birth order number	discrete	numeric	
V338	b0	Child is twin	discrete	numeric	
V339	b1	Month of birth	discrete	numeric	
V340	b2	Year of birth	discrete	numeric	
V341	b3	Date of birth (CMC)	contin	numeric	
V342	b4	Sex of child	discrete	numeric	
V343	b5	Child is alive	discrete	numeric	
V344	b6	NA - Age at death	discrete	numeric	
V345	b7	NA - Age at death (months, imputed)	discrete	numeric	
V346	b8	Current age of child	discrete	numeric	
V347	b9	Child lives with whom	discrete	numeric	
V348	b10	Completeness of information	discrete	numeric	
V349	b11	Preceding birth interval (months)	contin	numeric	
V350	b12	Succeeding birth interval (months)	contin	numeric	
V351	b13	NA - Flag for age at death	discrete	numeric	
V352	b15	Live birth between births	discrete	numeric	
V353	b16	Child's line number in household	discrete	numeric	
V354	b17	Day of birth	contin	numeric	
V355	b18	Century Day Code of birth (CDC)	contin	numeric	
V356	b19	Current age of child in months (months since birth for dead children)	contin	numeric	

## REC22

Content	WOMAN - Reproduction (continued)
Cases	7628
Variable(s)	23
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V357	hhid	Case Identification	discrete	character	
V358	caseid	Case Identification	discrete	character	
V359	v201	Total children ever born	discrete	numeric	
V360	v202	Sons at home	discrete	numeric	
V361	v203	Daughters at home	discrete	numeric	
V362	v204	Sons elsewhere	discrete	numeric	
V363	v205	Daughters elsewhere	discrete	numeric	
V364	v206	Sons who have died	discrete	numeric	
V365	v207	Daughters who have died	discrete	numeric	
V366	v208	Births in last five years	discrete	numeric	
V367	v209	Births in past year	discrete	numeric	
V368	v210	Births in month of interview	discrete	numeric	
V369	v212	NA - Age of respondent at 1st birth	discrete	numeric	
V370	v213	Currently pregnant	discrete	numeric	
V371	v214	Duration of current pregnancy	discrete	numeric	
V372	v218	Number of living children	discrete	numeric	
V373	v219	Living children + current pregnancy	discrete	numeric	
V374	v220	Living children + current pregnancy (grouped)	discrete	numeric	
V375	v222	Last birth to interview (months)	contin	numeric	
V376	v223	Completeness of current pregnancy information	discrete	numeric	
V377	v224	Entries in birth history	discrete	numeric	
V378	v237	Birth between last and interview	discrete	numeric	
V379	v238	Births in last three years	discrete	numeric	

## REC41

Content	WOMAN - Maternity
Cases	4521
Variable(s)	27
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V380	hhid	Case Identification	discrete	character	
V381	caseid	Case Identification	discrete	character	
V382	midx	Index to Birth History	discrete	numeric	
V383	m2a	Prenatal: doctor	discrete	numeric	
V384	m2b	Prenatal: nurse	discrete	numeric	
V385	m2c	Prenatal: midwife/maïeuticienne	discrete	numeric	
V386	m2d	Prenatal: patented birth attendant / auxiliary birth attendant	discrete	numeric	
V387	m2e	Prenatal: skilled birth attendant	discrete	numeric	
V388	m2f	NA - Prenatal: CS health professional	discrete	numeric	
V389	m2g	Prenatal: traditional /village birth attendant	discrete	numeric	
V390	m2h	Prenatal: community health worker	discrete	numeric	
V391	m2i	NA - Prenatal: CS other person	discrete	numeric	
V392	m2j	NA - Prenatal: CS other person	discrete	numeric	
V393	m2k	Prenatal: other	discrete	numeric	
V394	m2l	NA - Prenatal: CS other	discrete	numeric	
V395	m2m	NA - Prenatal: CS other	discrete	numeric	
V396	m2n	Prenatal: no one	discrete	numeric	
V397	m49a	During pregnancy took: SP/fansidar for malaria	discrete	numeric	
V398	m49b	NA - During pregnancy took: chloroquine for malaria	discrete	numeric	
V399	m49c	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V400	m49d	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V401	m49e	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V402	m49f	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V403	m49g	NA - During pregnancy took: CS drug for malaria	discrete	numeric	
V404	m49x	NA - During pregnancy took: other drug for malaria	discrete	numeric	
V405	m49z	NA - During pregnancy took: don't know	discrete	numeric	
V406	m49y	NA - During pregnancy took: no drug for malaria	discrete	numeric	

**REC42**

Content	WOMAN - Health and Breastfeeding
Cases	7628
Variable(s)	9
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V407	hhid	Case Identification	discrete	character	
V408	caseid	Case Identification	discrete	character	
V409	v417	Entries in pregnancy and postnatal care roster	discrete	numeric	
V410	v418a	Entries in child health roster	discrete	numeric	
V411	v419	Entries in height/weight roster	discrete	numeric	
V412	v459	Have mosquito bed net for sleeping (from household questionnaire)	discrete	numeric	
V413	v460	Children under 5 slept under mosquito bed net last night (household questionnair	discrete	numeric	
V414	v461	Respondent slept under mosquito bed net	discrete	numeric	
V415	v468	Record for Last Birth	discrete	numeric	

## REC4A

Content	WOMAN - Child's health
Cases	6061
Variable(s)	34
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V257	hhid	Case Identification	discrete	character	
V258	caseid	Case Identification	discrete	character	
V259	hidxa	Index to birth history	discrete	numeric	
V260	h22	Had fever in last two weeks	discrete	numeric	
V261	h31	NA - Had cough in last two weeks	discrete	numeric	
V262	h32a	Fever: government hospital	discrete	numeric	
V263	h32b	Fever: government health center/ medical center with antenna (GHC/MC)	discrete	numeric	
V264	h32c	Fever: center of health and social promotion (CHSP)/DISP/Maternity	discrete	numeric	
V265	h32d	Fever: community health worker	discrete	numeric	
V266	h32e	Fever: other public sector	discrete	numeric	
V267	h32f	NA - Fever: CS public sector	discrete	numeric	
V268	h32g	NA - Fever: CS public sector	discrete	numeric	
V269	h32h	NA - Fever/cough: CS public sector	discrete	numeric	
V270	h32i	NA - Fever/cough: CS public sector	discrete	numeric	
V271	h32j	Fever: private hospital/ clinic/poly clinic	discrete	numeric	
V272	h32k	Fever: private pharmacy	discrete	numeric	
V273	h32l	Fever: private doctor	discrete	numeric	
V274	h32m	Fever: mobile clinic	discrete	numeric	
V275	h32n	Fever: private community health worker	discrete	numeric	
V276	h32o	Fever: other private medical	discrete	numeric	
V277	h32p	NA - Fever/cough: CS private medical	discrete	numeric	
V278	h32q	NA - Fever/cough: CS private medical	discrete	numeric	
V279	h32r	NA - Fever/cough: CS private medical	discrete	numeric	
V280	h32s	Fever: store	discrete	numeric	
V281	h32t	Fever: traditional healer	discrete	numeric	
V282	h32u	Fever: market	discrete	numeric	
V283	h32v	Fever: itinerant medecine seller	discrete	numeric	
V284	h32w	NA - Fever/cough: CS other sector	discrete	numeric	

V285	h32x	Fever: other	discrete	numeric
V286	h32y	Fever: no treatment	discrete	numeric
V287	h32z	Fever: medical treatment	discrete	numeric
V288	h46a	Place first sought treatment for fever	discrete	numeric
V289	h46b	Number of days after fever began sought advice or treatment	discrete	numeric
V290	h47	Blood taken from child's finger/heel for testing	discrete	numeric



**REC44**

Content	WOMAN - Child's Height and Weight
Cases	6061
Variable(s)	14
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V416	hhid	Case Identification	discrete	character	
V417	caseid	Case Identification	discrete	character	
V418	hwidx	Index to Birth History	discrete	numeric	
V419	hw1	Child's age in months	contin	numeric	
V420	hw16	Day of birth of child	discrete	numeric	
V421	hw17	Date measured (day)	contin	numeric	
V422	hw18	Date measured (month)	discrete	numeric	
V423	hw19	Date measured (year)	discrete	numeric	
V424	hw51	Line number of parent/caretaker	discrete	numeric	
V425	hw52	Read consent statement - hemoglobin	discrete	numeric	
V426	hw53	Hemoglobin level (g/dl - 1 decimal)	discrete	numeric	
V427	hw55	Result of measurement - hemoglobin	discrete	numeric	
V428	hw56	Hemoglobin level adjusted for altitude (g/dl - 1 decimal)	discrete	numeric	
V429	hw57	Anemia level	discrete	numeric	

**REC81**

Content	WOMAN - Characteristics of Interview
Cases	7628
Variable(s)	8
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V430	hhid	Case Identification	discrete	character	
V431	caseid	Case Identification	discrete	character	
V432	v801	Time interview started (hhmm - 24 hour clock)	contin	numeric	
V433	v802	Time interview ended (hhmm - 24 hour clock)	contin	numeric	
V434	v803	Length of interview in minutes	discrete	numeric	
V435	v804	Number of visits	discrete	numeric	
V436	v805	Interviewer identification	contin	numeric	
V437	v806	Keyer identification	discrete	numeric	

## RECML

Content	WOMAN - Malaria
Cases	6061
Variable(s)	70
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V509	hhid	Case Identification	discrete	character	
V510	caseid	Case Identification	discrete	character	
V511	idxml	Index to Birth History	discrete	numeric	
V512	ml0	Type of mosquito bed net(s) child slept under last night	discrete	numeric	
V513	ml1	Number of times took fansidar during pregnancy	discrete	numeric	
V514	ml2	Source of antimalarial during pregnancy	discrete	numeric	
V515	ml11	NA - Child has fever/cough now	discrete	numeric	
V516	ml12	NA - Child has had convulsions in last 2 weeks	discrete	numeric	
V517	ml13a	Fansidar taken for fever	discrete	numeric	
V518	ml13b	Chloroquine taken for fever	discrete	numeric	
V519	ml13c	Amodiaquine taken for fever	discrete	numeric	
V520	ml13d	Quinine taken for fever	discrete	numeric	
V521	ml13da	Quinine injection/IV taken for fever	discrete	numeric	
V522	ml13e	Combination with artemisinin taken for fever	discrete	numeric	
V523	ml13aa	Artesunate rectal taken for fever	discrete	numeric	
V524	ml13ab	Artesunate injection/IV taken for fever	discrete	numeric	
V525	ml13f	Artemether injection taken for fever	discrete	numeric	
V526	ml13g	SP/Fansidar and amodiaquine (combined) taken for fever	discrete	numeric	
V527	ml13h	Other antimalarial taken for fever	discrete	numeric	
V528	ml13i	Antibiotic pill/syrup taken for fever	discrete	numeric	
V529	ml13j	Antibiotic injection taken for fever	discrete	numeric	
V530	ml13k	NA - Aspirin taken for fever	discrete	numeric	
V531	ml13l	NA - Acetaminophen/paracetamol/panadol taken for fever	discrete	numeric	
V532	ml13m	Ibuprofen taken for fever	discrete	numeric	
V533	ml13n	Paracetamol/Aspirine taken for fever	discrete	numeric	
V534	ml13o	Acetaminophen taken for fever	discrete	numeric	
V535	ml13p	NA - CS other taken for fever	discrete	numeric	
V536	ml13x	Other taken for fever	discrete	numeric	

V537	ml13y	Nothing taken and didn't seek treatment for fever/cough	discrete	numeric
V538	ml13z	Don't know if or what was taken for fever	discrete	numeric
V539	ml14a	NA - Injection given for fever/convulsion	discrete	numeric
V540	ml14b	NA - Suppository given for fever/convulsion	discrete	numeric
V541	ml14y	NA - No suppository or injection given for fever/convulsion	discrete	numeric
V542	ml14z	NA - Don't know if suppository or injection given for fever/convulsion	discrete	numeric
V543	ml15a	Timing of start of fansidar	discrete	numeric
V544	ml15b	NA - Number of days child took fansidar	discrete	numeric
V545	ml15c	NA - First source for fansidar	discrete	numeric
V546	ml16a	Timing of start of chloroquine	discrete	numeric
V547	ml16b	NA - Number of days child took chloroquine	discrete	numeric
V548	ml16c	NA - First source for chloroquine	discrete	numeric
V549	ml17a	Timing of start of amodiaquine	discrete	numeric
V550	ml17b	NA - Number of days child took amodiaquine	discrete	numeric
V551	ml17c	NA - First source for amodiaquine	discrete	numeric
V552	ml18a	Timing of start of quinine	discrete	numeric
V553	ml18b	NA - Number of days child took quinine	discrete	numeric
V554	ml18c	NA - First source for quinine	discrete	numeric
V555	ml19a	NA - For fever/convulsion: consulted traditional healer	discrete	numeric
V556	ml19b	NA - For fever/convulsion: gave tepid sponging	discrete	numeric
V557	ml19c	NA - For fever/convulsion: gave herbs	discrete	numeric
V558	ml19d	NA - For fever/convulsion: CS	discrete	numeric
V559	ml19e	NA - For fever/convulsion: CS	discrete	numeric
V560	ml19f	NA - For fever/convulsion: CS	discrete	numeric
V561	ml19x	NA - For fever/convulsion: other	discrete	numeric
V562	ml19y	NA - For fever/convulsion: gave/did nothing	discrete	numeric
V563	ml19z	NA - For fever/convulsion: don't know if something else was done	discrete	numeric
V564	ml20a	Timing of start of combination with artemisinin	discrete	numeric
V565	ml20b	NA - Number of days child took combination with artemisinin	discrete	numeric
V566	ml20c	NA - First source for combination with artemisinin	discrete	numeric
V567	ml21a	Timing of start of artemether (injection)	discrete	numeric
V568	ml21b	NA - Number of days child took CS antimalarial	discrete	numeric
V569	ml21c	NA - First source for CS antimalarial	discrete	numeric
V570	ml22a	Timing of start of SP/Fansidar and amodiaquine (combined)	discrete	numeric
V571	ml22b	NA - Number of days child took CS antimalarial	discrete	numeric
V572	ml22c	NA - First source for CS antimalarial	discrete	numeric
V573	ml23a	Timing of start of other anti-malarial use	discrete	numeric
V574	ml23b	NA - Number of days child took other anti-malarial	discrete	numeric
V575	ml23c	NA - First source for other anti-malarial	discrete	numeric
V576	ml24c	NA - First source for antibiotic pill/syrup	discrete	numeric
V577	ml25a	Timing of start of artesunate	discrete	numeric

V578	s305a	Number of times took SP/Fansidar in presence of health worker	discrete	numeric
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**REC91**

Content	WOMAN - Country specific variables
Cases	7674
Variable(s)	71
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V438	hhid	Case Identification	discrete	character	
V439	caseid	Case Identification	discrete	character	
V440	sconces	Concession number	contin	numeric	
V441	sprovince	Province	discrete	numeric	
V442	s104	Ever attended school	discrete	numeric	
V443	s105	Highest educational level	discrete	numeric	
V444	s106	Highest year of educational	discrete	numeric	
V445	s111	Have you received any malaria messages during the last 6 months	discrete	numeric	
V446	s112a	Has heard ou received messages from : Radio	discrete	numeric	
V447	s112b	Has heard ou received messages from : Television	discrete	numeric	
V448	s112c	Has heard ou received messages from : Poster / flyer / box images	discrete	numeric	
V449	s112d	Has heard ou received messages from : Community health worker	discrete	numeric	
V450	s112e	Has heard ou received messages from : Community event/Criel	discrete	numeric	
V451	s112f	Has heard ou received messages from : Health centers	discrete	numeric	
V452	s112g	Has heard ou received messages from : Animators	discrete	numeric	
V453	s112h	Has heard ou received messages from : Elsewhere	discrete	numeric	
V454	s115a	Main cause of malaria : Mosquito bite	discrete	numeric	
V455	s115b	Main cause of malaria : Excessive oil consumption	discrete	numeric	
V456	s115c	Main cause of malaria : Fatigue due to work	discrete	numeric	
V457	s115d	Main cause of malaria : Sleep insufficiency	discrete	numeric	
V458	s115e	Main cause of malaria : direct sun exposure	discrete	numeric	
V459	s115f	Main cause of malaria : consumption of mangos / sweet fruits	discrete	numeric	
V460	s115g	Main cause of malaria : Consumption of milk	discrete	numeric	
V461	s115h	Main cause of malaria : Dirty	discrete	numeric	
V462	s115x	Main cause of malaria : Other	discrete	numeric	
V463	s115z	Main cause of malaria : Don't know	discrete	numeric	
V464	s117a	Malaria symptoms : Fever	discrete	numeric	
V465	s117b	Malaria symptoms : lack of appetite and vomiting	discrete	numeric	

V466	s117c	Malaria symptoms : High temperature with convulsions	discrete	numeric
V467	s117d	Malaria symptoms : High temperature with fainting	discrete	numeric
V468	s117e	Malaria symptoms : Persistent temperature	discrete	numeric
V469	s117f	Malaria symptoms : Convulsions	discrete	numeric
V470	s117g	Malaria symptoms : Jaundice	discrete	numeric
V471	s117h	Malaria symptoms : Headache	discrete	numeric
V472	s117x	Malaria symptoms : Other	discrete	numeric
V473	s117z	Malaria symptoms : Don't know	discrete	numeric
V474	s118a	Effective ways to prevent malaria : sleep under mosquito net not treated	discrete	numeric
V475	s118b	Effective ways to prevent malaria : sleep under insecticide-treated mosquito ne	discrete	numeric
V476	s118c	Effective ways to prevent malaria : take preventive medecines	discrete	numeric
V477	s118d	Effective ways to prevent malaria : use insecticide/diffusers/crems/lotions/repu	discrete	numeric
V478	s118e	Effective ways to prevent malaria : use a mosquito coil	discrete	numeric
V479	s118f	Effective ways to prevent malaria : decoction / plant juice / root to drink as a	discrete	numeric
V480	s118g	Effective ways to prevent malaria : cleaning the surroundings	discrete	numeric
V481	s118h	Effective ways to prevent malaria : indoor sprinkling	discrete	numeric
V482	s118i	Effective ways to prevent malaria : window screens	discrete	numeric
V483	s118j	Effective ways to prevent malaria : use a fumigant coil	discrete	numeric
V484	s118k	Effective ways to prevent malaria : use electric pads	discrete	numeric
V485	s118l	Effective ways to prevent malaria : air conditioners / fans	discrete	numeric
V486	s118m	Effective ways to prevent malaria : powder / application	discrete	numeric
V487	s118n	Effective ways to prevent malaria : cover the body	discrete	numeric
V488	s118w	Effective ways to prevent malaria : other	discrete	numeric
V489	s118x	Effective ways to prevent malaria : other	discrete	numeric
V490	s118z	Effective ways to prevent malaria : don't know	discrete	numeric
V491	s119a	Effective ways to treat malaria : Antimalarials - therapeutic combination based	discrete	numeric
V492	s119b	Effective ways to treat malaria : Antimalarials - SP/Fansidar	discrete	numeric
V493	s119c	Effective ways to treat malaria : Antimalarials - chloroquine	discrete	numeric
V494	s119d	Effective ways to treat malaria : Antimalarials - amodiaquine	discrete	numeric
V495	s119e	Effective ways to treat malaria : Antimalarials - quinine tablets	discrete	numeric
V496	s119f	Effective ways to treat malaria : Antimalarials - quinine injection/IV/IM	discrete	numeric
V497	s119g	Effective ways to treat malaria : Antimalarials - artesunate rectal way	discrete	numeric
V498	s119h	Effective ways to treat malaria : Antimalarials - artesunate injection/IV/IM	discrete	numeric
V499	s119i	Effective ways to treat malaria : Antimalarials - artemether (injection)	discrete	numeric
V500	s119j	Effective ways to treat malaria : Antimalarials - SP/Fansidar et amodiaquine (co	discrete	numeric
V501	s119k	Effective ways to treat malaria : Antimalarials - other	discrete	numeric

V502	s119l	Effective ways to treat malaria : Antibiotics - tablets/syrup	discrete	numeric
V503	s119m	Effective ways to treat malaria : Antibiotics - injection/IV	discrete	numeric
V504	s119n	Effective ways to treat malaria : Other drugs - paracetamol/aspirin	discrete	numeric
V505	s119o	Effective ways to treat malaria : Other drugs - acetaminophen	discrete	numeric
V506	s119p	Effective ways to treat malaria : Other drugs - ibuprofen	discrete	numeric
V507	s119x	Effective ways to treat malaria : Other	discrete	numeric
V508	s119z	Effective ways to treat malaria : Other drugs - don't know	discrete	numeric



## FWRECORD

Content	Fieldworker data
Cases	48
Variable(s)	34
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V579	fw101	Fieldworker code	contin	numeric	
V580	fw000	Country code and phase	discrete	character	
V581	fw102	Fieldworker region of residence	discrete	numeric	
V582	fw103	Fieldworker type of place of residence	discrete	numeric	
V583	fw104	Fieldworker age	discrete	numeric	
V584	fw105	Fieldworker sex	discrete	numeric	
V585	fw106	Fieldworker marital status	discrete	numeric	
V586	fw107	Fieldworker number of living children	discrete	numeric	
V587	fw108	Fieldworker ever had a child who died	discrete	numeric	
V588	fw109	Highest level of school attended by fieldworker	discrete	numeric	
V589	fw110	Highest grade/form/year at that level completed by fieldworker	discrete	numeric	
V590	fw111	Fieldworker religion	discrete	numeric	
V591	fw112	Fieldworker ethnicity	discrete	numeric	
V592	fw113	Languages spoken by fieldworker	discrete	character	
V593	fw113a	Bobo	discrete	character	
V594	fw113b	Dioula	discrete	character	
V595	fw113c	Fulfulde/peulh	discrete	character	
V596	fw113d	Gourmantche	discrete	character	
V597	fw113e	Gourounsi	discrete	character	
V598	fw113f	Lobi	discrete	character	
V599	fw113g	Mossi	discrete	character	
V600	fw113h	Senoufo	discrete	character	
V601	fw113i	Touareg/bella	discrete	character	
V602	fw113j	Dagara	discrete	character	
V603	fw113k	Bissa	discrete	character	
V604	fw113l	Language other countries (for foreigners)	discrete	character	
V605	fw113m	Language M	discrete	character	
V606	fw113x	Other language	discrete	character	

V607	fw113y	No other language	discrete	character
V608	fw114	Fieldworker's mother tongue/native language	discrete	numeric
V609	fw115	Has fieldworker ever worked on a DHS	discrete	numeric
V610	fw116	Has fieldworker ever worked on any other survey	discrete	numeric
V611	fw117	Was fieldworker working for agency at the time employed for DHS	discrete	numeric
V612	fw118	Is fieldworker a permanent or temporary employee of agency	discrete	numeric



## Case Identification (hhid)

File: RECH0

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Country code and phase (hv000)

File: RECH0

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

## Cluster number (hv001)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-252

## Household number (hv002)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 101-40526

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

File: RECH0

**Overview**

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

## Ultimate area unit (hv004)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-252

Household sample weight (6 decimals) (hv005)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 0-4903743

Month of interview (hv006)

File: RECH0

**Overview**

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

Year of interview (hv007)

File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2018

Date of interview (CMC) (hv008)

File: RECH0

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1415-1419

Date of interview Century Day Code (CDC) (hv008a)

File: RECH0

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 43042-43178

## Number of household members (hv009)

File: RECH0

### Overview

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

## Number of eligible women in household (hv010)

File: RECH0

### Overview

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

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

File: RECH0

### Overview

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

## Number of de jure members (hv012)

File: RECH0

### Overview

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

## Number of de facto members (hv013)

File: RECH0

### Overview

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

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

File: RECH0

### Overview

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

## 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: 10-104

## Keyer identification (hv019)

File: RECH0

### Overview

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

## 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: 1-252

## Sample strata for sampling errors (hv022)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-26

## Stratification used in sample design (hv023)

File: RECH0

### Overview



Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-26

## Region (hv024)

### File: RECH0

#### Overview

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

## Type of place of residence (hv025)

### File: RECH0

#### Overview

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

## Place of residence (hv026)

### File: RECH0

#### Overview

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

## Household selected for male interview (hv027)

### File: RECH0

#### Overview

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

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

### File: RECH0

#### Overview

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

## Field supervisor (hv030)

File: RECH0

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-100

## NA - Field editor (hv031)

File: RECH0

### Overview

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

## Office editor (hv032)

File: RECH0

### Overview

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

## Number of eligible children for anemia and malaria (hv035)

File: RECH0

### Overview

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

## NA - Cluster altitude in meters (hv040)

File: RECH0

### Overview

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

## NA - Total adults measured (hv041)

File: RECH0

### Overview

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

## Household selected for hemoglobin (hv042)

File: RECH0

### Overview

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

## Language of questionnaire (hv045a)

File: RECH0

### Overview

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

## Language of interview (hv045b)

File: RECH0

### Overview

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

## Native language of respondent (hv045c)

File: RECH0

### Overview

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

## Translator used (hv046)

File: RECH0

### Overview

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

## Time interview started (hhmm - 24 hour clock) (hv801)

File: RECH0

### Overview

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

## Time interview ended (hhmm - 24 hour clock) (hv802)

File: RECH0

### Overview

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

## Length of interview in minutes (hv803)

File: RECH0

### Overview

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

## Number of visits for biomarker (hv804)

File: RECH0

### Overview

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

## Day of biomarker visit (hv807d)

File: RECH0

### Overview

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

## Month of biomarker visit (hv807m)

File: RECH0

### Overview

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

## Year of biomarker visit (hv807y)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2018

## Date of biomarker (CMC) (hv807c)

File: RECH0

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1415-1419

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

File: RECH0

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 43061-43178

## Case Identification (hhid)

File: RECH1

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Line number (hvidx)

File: RECH1

**Overview**

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

## 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: 0-9

## Slept last night (hv103)

File: RECH1

**Overview**

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

## 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

Current marital status (hv115)

File: RECH1

**Overview**

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

Currently, formerly, never married (hv116)

File: RECH1

**Overview**

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

Eligibility for female interview (hv117)

File: RECH1

**Overview**

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

Children eligibility for height/weight and hemoglobin (hv120)

File: RECH1

**Overview**



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

## Case Identification (hhid)

File: RECH2

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Source of drinking water (hv201)

File: RECH2

**Overview**

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

## Source of non-drinking water (hv202)

File: RECH2

**Overview**

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

## NA - Water not available for at least a day last two weeks (hv201a)

File: RECH2

**Overview**

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

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

File: RECH2

**Overview**

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

## Type of toilet facility (hv205)

File: RECH2

**Overview**

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

Has electricity (hv206)

File: RECH2

**Overview**

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

Has radio (hv207)

File: RECH2

**Overview**

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

Has television (hv208)

File: RECH2

**Overview**

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

Has refrigerator/Freezer (hv209)

File: RECH2

**Overview**

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

Has bicycle (hv210)

File: RECH2

**Overview**

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

## Has motorcycle/scooter (hv211)

File: RECH2

### Overview

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

## Has car/truck (hv212)

File: RECH2

### Overview

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

## Main floor material (hv213)

File: RECH2

### Overview

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

## Main wall material (hv214)

File: RECH2

### Overview

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

## Main roof material (hv215)

File: RECH2

### Overview

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

## Number of rooms used for sleeping (hv216)

File: RECH2

### Overview

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

## Relationship structure (hv217)

File: RECH2

### Overview

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

## Line number of head of household (hv218)

File: RECH2

### Overview

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

## 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: 16-99

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

File: RECH2

### Overview

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

## Share toilet with other households (hv225)

File: RECH2

### Overview

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

## Type of cooking fuel (hv226)

File: RECH2

### Overview

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

## Has mosquito bed net for sleeping (hv227)

File: RECH2

### Overview

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

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

File: RECH2

### Overview

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

## Location of source for water (hv235)

File: RECH2

### Overview

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

## Number of households sharing toilet (hv238)

File: RECH2

### Overview

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

## Has mobile telephone (hv243a)

File: RECH2

### Overview

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

## Has watch (hv243b)

File: RECH2

### Overview

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

## Has animal-drawn cart (hv243c)

File: RECH2

### Overview

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

Has boat with a motor (hv243d)

File: RECH2

#### Overview

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

Has a computer (hv243e)

File: RECH2

#### Overview

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

Owns land usable for agriculture (hv244)

File: RECH2

#### Overview

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

Hectares of agricultural land (1 decimal) (hv245)

File: RECH2

#### Overview

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

Owns livestock, herds or farm animals (hv246)

File: RECH2

#### Overview



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

## Owens cattle (hv246a)

File: RECH2

### Overview

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

## Owens cows/ bulls (hv246b)

File: RECH2

### Overview

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

## Owens horses/ donkeys/ mules (hv246c)

File: RECH2

### Overview

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

## Owens goats (hv246d)

File: RECH2

### Overview

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

## Owens sheep (hv246e)

File: RECH2

### Overview

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

## Owens chickens/poultry (hv246f)

File: RECH2

### Overview

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

## Owens porks (hv246g)

File: RECH2

### Overview

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

## NA - Owens CS (hv246h)

File: RECH2

### Overview

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

## NA - Owens CS (hv246i)

File: RECH2

### Overview

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

## NA - Owens CS (hv246j)

File: RECH2

### Overview

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

## NA - Owns CS (hv246k)

File: RECH2

### Overview

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

## Has bank account (hv247)

File: RECH2

### Overview

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

## Wealth index combined (hv270)

File: RECH2

### Overview

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

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

File: RECH2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -219634-377602

## Wealth index for urban/rural (hv270a)

File: RECH2

### Overview

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

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

File: RECH2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -292518-795712

## Number of mosquito bed nets (hml1)

File: RECH2

### Overview

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

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

File: RECH2

### Overview

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

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

File: RECH2

### Overview

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

## Case Identification (hhid)

File: RECH3

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Concession (shconces)

File: RECH3

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-405

## Province (shprovince)

File: RECH3

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-45

## Place of residence (shresid)

File: RECH3

**Overview**

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

## Has table/ chair (sh114g)

File: RECH3

**Overview**

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

## Has closet/cabinet to keep books (sh114h)

File: RECH3

**Overview**

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

Has stove/cooker (sh114i)

File: RECH3

**Overview**

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

Has hunting gun (sh114j)

File: RECH3

**Overview**

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

Has plow (sh114k)

File: RECH3

**Overview**

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

Has canoe (sh115h)

File: RECH3

**Overview**

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

## Case Identification (hhid)

File: RECH6

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Index to Household Schedule (hc0)

File: RECH6

**Overview**

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

## Child's age in months (hc1)

File: RECH6

**Overview**

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

## Child's age in days (hc1a)

File: RECH6

**Overview**

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

## Day of birth (hc16)

File: RECH6

**Overview**

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

## Date measured (day) (hc17)

File: RECH6

**Overview**

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

Date measured (month) (hc18)

File: RECH6

**Overview**

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

Date measured (year) (hc19)

File: RECH6

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2018

Century Day Code (CDC) of measurement (hc20)

File: RECH6

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 43067-43178

Fieldworker measurer code (hc21)

File: RECH6

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 11-104

Sex (hc27)

File: RECH6

**Overview**



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

## Month of birth (hc30)

File: RECH6

### Overview

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

## Year of birth (hc31)

File: RECH6

### Overview

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

## Date of birth (CMC) (hc32)

File: RECH6

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1356-1418

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

File: RECH6

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 41247-43150

## Completeness of HC32 information (hc33)

File: RECH6

### Overview

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

Line number of parent/caretaker (hc51)

File: RECH6

#### Overview

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

Read consent statement - hemoglobin (hc52)

File: RECH6

#### Overview

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

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

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 36-999

Result of measurement - hemoglobin (hc55)

File: RECH6

#### Overview

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

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

File: RECH6

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 36-999

## Anemia level (hc57)

File: RECH6

### Overview

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

## NA - Agrees to referral - anemia (hc58)

File: RECH6

### Overview

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

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

File: RECH6

### Overview

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

## Mother's highest educational level (hc61)

File: RECH6

### Overview

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

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

File: RECH6

### Overview

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

## Preceding birth interval (months) (hc63)

File: RECH6

### Overview

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

## Birth order number (hc64)

File: RECH6

### Overview

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

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

File: RECH6

### Overview

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

Valid cases: 5911  
 Invalid: 410

## Case Identification (hhid)

File: RECHML

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Mosquito Bed Net Designation Number (hmlidx)

File: RECHML

**Overview**

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

## Net observed by interviewer (hml3)

File: RECHML

**Overview**

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

## Months ago net obtained (hml4)

File: RECHML

**Overview**

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

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

File: RECHML

**Overview**

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

## Net treatment status (hml6)

File: RECHML

**Overview**

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

Brand of net (hml7)

File: RECHML

**Overview**

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

Net treated since receiving (hml8)

File: RECHML

**Overview**

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

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

File: RECHML

**Overview**

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

Insecticide-Treated Net (ITN) (hml10)

File: RECHML

**Overview**

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

Number of persons who slept under this net (hml11)

File: RECHML

**Overview**

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

Someone slept under this net last night (hml21)

File: RECHML

#### Overview

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

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

File: RECHML

#### Overview

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

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

File: RECHML

#### Overview

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

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

File: RECHML

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-22

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

File: RECHML

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-21

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

File: RECHML

#### Overview

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

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

File: RECHML

#### Overview

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

Place where net was obtained (hml23)

File: RECHML

#### Overview

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

Obtained net from campaign, antenatal or immunization visit (sh126)

File: RECHML

#### Overview

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



## Case Identification (hhid)

File: RECHMH

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Index to Household Schedule (hmhidx)

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 2-6

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

File: RECHMH

#### Overview

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

Corrected age from Individual file (hml16)

File: RECHMH

#### Overview

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

Age in months (for children) (hml16a)

File: RECHMH

#### Overview

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

Flag for age from Individual file (hml17)

File: RECHMH

#### Overview

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

Pregnancy status from Individual file (hml18)

File: RECHMH

#### Overview

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

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

File: RECHMH

### Overview

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

## Person slept under an LLIN net (hml20)

File: RECHMH

### Overview

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

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

File: RECHMH

### Overview

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

## Read consent statement for malaria (hml31)

File: RECHMH

### Overview

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

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

File: RECHMH

### Overview

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

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

File: RECHMH

**Overview**

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

## Result of malaria measurement (hml33)

File: RECHMH

**Overview**

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

## Bar code for blood smear sample (hml34)

File: RECHMH

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

## Result of malaria rapid test (hml35)

File: RECHMH

**Overview**

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

## Fieldworker measurer code for malaria (hml36)

File: RECHMH

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 11-104

## Result of malaria RDT (sb215)

File: RECHMH

**Overview**

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

## Anemia level for children without malaria (sb216)

File: RECHMH

**Overview**

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

## Child suffering any illnesses or symptoms: Extreme weakness (sb218a)

File: RECHMH

**Overview**

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

## Child suffering any illnesses or symptoms: heart problems (sb218b)

File: RECHMH

**Overview**

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

## Child suffering any illnesses or symptoms: Loss of consciousness (sb218c)

File: RECHMH

### Overview

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

## Child suffering any illnesses or symptoms: Severe respiratory failure (sb218d)

File: RECHMH

### Overview

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

## Child suffering any illnesses or symptoms: Convulsions (sb218e)

File: RECHMH

### Overview

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

## Child suffering any illnesses or symptoms: Abnormal bleeding (sb218f)

File: RECHMH

### Overview

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

## Child suffering any illnesses or symptoms: Jaundice (sb218g)

File: RECHMH

### Overview

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

Child suffering any illnesses or symptoms: Black urine / brown  
(sb218h)

File: RECHMH

#### Overview

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

Anemia level for children with malaria (sb220)

File: RECHMH

#### Overview

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

Taking ACT given by a doctor/health center to treat the malaria  
(sb221)

File: RECHMH

#### Overview

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

Accepted medicine for malaria treatment (sb225)

File: RECHMH

#### Overview

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

Accepted medicine for malaria (sb226)

File: RECHMH

#### Overview

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



## Anemia level for children with malaria and symptoms (sb228)

File: RECHMH

### Overview

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

## Case Identification (hhid)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Country code and phase (v000)

File: REC01

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

## Cluster number (v001)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-252

## Household number (v002)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 101-40526

## Respondent's line number (v003)

File: REC01

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-26

## Ultimate area unit (v004)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-252

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

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 0-4890663

## Month of interview (v006)

File: REC01

### Overview

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

## Year of interview (v007)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2018

## Date of interview (CMC) (v008)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1415-1419

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

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 43067-43178

## 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: 1968-2003

## Date of birth (CMC) (v011)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 817-1239

## Respondent's current age (v012)

File: REC01

### Overview

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

## Age in 5-year groups (v013)

File: REC01

### Overview

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

## Completeness of age information (v014)

File: REC01

### Overview

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

## Result of individual interview (v015)

File: REC01

### Overview

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

## Day of interview (v016)

File: REC01

### Overview

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

## Primary sampling unit (v021)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-252

## Sample strata for sampling errors (v022)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-26

## Stratification used in sample design (v023)

File: REC01

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-26

## Region (v024)

File: REC01

### Overview

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

## Type of place of residence (v025)

File: REC01

### Overview

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

## 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: 11-104

## Keyer identification (v029)

File: REC01

### Overview

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

## Field supervisor (v030)

File: REC01

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-100

## NA - Field editor (v031)

File: REC01

### Overview

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

## Office editor (v032)

File: REC01

### Overview

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

## NA - Line number of husband (v034)

File: REC01

### Overview

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

## NA - Cluster altitude in meters (v040)

File: REC01

### Overview

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

## Household selected for hemoglobin (v042)

File: REC01

### Overview

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

## Language of questionnaire (v045a)

File: REC01

### Overview



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

## Language of interview (v045b)

File: REC01

### Overview

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

## Native language of respondent (v045c)

File: REC01

### Overview

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

## Translator used (v046)

File: REC01

### Overview

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

## Case Identification (hhid)

File: REC11

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC11

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Region (v101)

File: REC11

**Overview**

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

## Type of place of residence (v102)

File: REC11

**Overview**

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

## Highest educational level (v106)

File: REC11

**Overview**

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

## Highest year of education (v107)

File: REC11

**Overview**

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

## Source of drinking water (v113)

File: REC11

### Overview

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

## Time to get to water source (v115)

File: REC11

### Overview

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

## Type of toilet facility (v116)

File: REC11

### Overview

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

## Household has: electricity (v119)

File: REC11

### Overview

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

## Household has: radio (v120)

File: REC11

### Overview

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

## Household has: television (v121)

File: REC11

### Overview

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

## Household has: refrigerator (v122)

File: REC11

### Overview

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

## Household has: bicycle (v123)

File: REC11

### Overview

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

## Household has: motorcycle/scooter (v124)

File: REC11

### Overview

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

## Household has: car/truck (v125)

File: REC11

### Overview

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

## Main floor material (v127)

File: REC11

### Overview

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

## Main wall material (v128)

File: REC11

### Overview

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

## Main roof material (v129)

File: REC11

### Overview

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

## Religion (v130)

File: REC11

### Overview

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

## Ethnicity (v131)

File: REC11

### Overview

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

## Education in single years (v133)

File: REC11

### Overview

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

## 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: 1-9

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

File: REC11

### Overview

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

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

File: REC11

### Overview

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

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

File: REC11

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-10

## 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 residence (v140)

File: REC11

### Overview

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

## 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: 1-99

## 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: 18-99

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

File: REC11

### Overview

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

## Literacy (v155)

File: REC11

### Overview



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

## Toilet facilities shared with other households (v160)

File: REC11

### Overview

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

## Type of cooking fuel (v161)

File: REC11

### Overview

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

## Wealth index combined (v190)

File: REC11

### Overview

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

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

File: REC11

### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -170900-377602

## Wealth index for urban/rural (v190a)

File: REC11

### Overview

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

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

File: REC11

### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -251942-674513

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

File: REC11

### Overview

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

## Case Identification (hhid)

File: REC21

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC21

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Birth column number (bidx)

File: REC21

**Overview**

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

## Birth order number (bord)

File: REC21

**Overview**

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

## Child is twin (b0)

File: REC21

**Overview**

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

## Month of birth (b1)

File: REC21

**Overview**

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

## Year of birth (b2)

File: REC21

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2012-2018

## Date of birth (CMC) (b3)

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1345-1418

## Sex of child (b4)

File: REC21

### Overview

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

## Child is alive (b5)

File: REC21

### Overview

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

## NA - Age at death (b6)

File: REC21

### Overview

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

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

File: REC21

### Overview

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

## Current age of child (b8)

File: REC21

### Overview

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

## Child lives with whom (b9)

File: REC21

### Overview

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

## Completeness of information (b10)

File: REC21

### Overview

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

## Preceding birth interval (months) (b11)

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 8-70

## Succeeding birth interval (months) (b12)

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 8-70

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

File: REC21

### Overview

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

## Live birth between births (b15)

File: REC21

### Overview

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

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

File: REC21

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-23

## Day of birth (b17)

File: REC21

### Overview

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

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

File: REC21

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 40909-43150

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

File: REC21

### Overview

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

## Case Identification (hhid)

File: REC22

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC22

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Total children ever born (v201)

File: REC22

**Overview**

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

## Sons at home (v202)

File: REC22

**Overview**

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

## Daughters at home (v203)

File: REC22

**Overview**

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

## Sons elsewhere (v204)

File: REC22

**Overview**



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

## Daughters elsewhere (v205)

File: REC22

### Overview

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

## Sons who have died (v206)

File: REC22

### Overview

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

## Daughters who have died (v207)

File: REC22

### Overview

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

## Births in last five years (v208)

File: REC22

### Overview

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

## Births in past year (v209)

File: REC22

### Overview

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

## Births in month of interview (v210)

File: REC22

### Overview

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

## NA - Age of respondent at 1st birth (v212)

File: REC22

### Overview

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

## Currently pregnant (v213)

File: REC22

### Overview

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

## Duration of current pregnancy (v214)

File: REC22

### Overview

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

## Number of living children (v218)

File: REC22

### Overview

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

## Living children + current pregnancy (v219)

File: REC22

### Overview

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

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

File: REC22

### Overview

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

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

File: REC22

### Overview

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

## Completeness of current pregnancy information (v223)

File: REC22

### Overview

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

## Entries in birth history (v224)

File: REC22

### Overview

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

## Birth between last and interview (v237)

File: REC22

### Overview

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

## Births in last three years (v238)

File: REC22

### Overview

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

## Case Identification (hhid)

File: REC41

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC41

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to Birth History (midx)

File: REC41

**Overview**

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

## Prenatal: doctor (m2a)

File: REC41

**Overview**

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

## Prenatal: nurse (m2b)

File: REC41

**Overview**

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

## Prenatal: midwife/maïeuticienne (m2c)

File: REC41

**Overview**

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

Prenatal: patented birth attendant / auxiliary birth attendant (m2d)  
 File: REC41

#### Overview

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

Prenatal: skilled birth attendant (m2e)  
 File: REC41

#### Overview

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

NA - Prenatal: CS health professional (m2f)  
 File: REC41

#### Overview

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

Prenatal: traditional /village birth attendant (m2g)  
 File: REC41

#### Overview

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

Prenatal: community health worker (m2h)  
 File: REC41

#### Overview

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

## 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 (m2k) File: REC41

### Overview

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

## 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: 0-9

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

File: REC41

#### Overview

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

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

File: REC41

#### Overview

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

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

File: REC41

#### Overview

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

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

File: REC41

#### Overview



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

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

### Overview

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

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

### Overview

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

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

### Overview

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

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

### Overview

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

## NA - During pregnancy took: don't know (m49z) File: REC41

### Overview

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

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

File: REC41

#### Overview

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

## Case Identification (hhid)

File: REC42

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC42

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

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

File: REC42

**Overview**

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

## Entries in child health roster (v418a)

File: REC42

**Overview**

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

## Entries in height/weight roster (v419)

File: REC42

**Overview**

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

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

File: REC42

**Overview**

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

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

File: REC42

**Overview**

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

Respondent slept under mosquito bed net (v461)

File: REC42

**Overview**

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

Record for Last Birth (v468)

File: REC42

**Overview**

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

## Case Identification (hhid)

File: REC4A

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC4A

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to birth history (hidxa)

File: REC4A

**Overview**

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

## Had fever in last two weeks (h22)

File: REC4A

**Overview**

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

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

File: REC4A

**Overview**

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

## Fever: government hospital (h32a)

File: REC4A

**Overview**

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

Fever: government health center/ medical center with antenna  
 (GHC/MC) (h32b)

File: REC4A

#### Overview

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

Fever: center of health and social promotion (CHSP)/DISP/Maternity  
 (h32c)

File: REC4A

#### Overview

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

Fever: community health worker (h32d)

File: REC4A

#### Overview

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

Fever: other public sector (h32e)

File: REC4A

#### Overview

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

NA - Fever: CS public sector (h32f)

File: REC4A

**Overview**

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

NA - Fever: CS public sector (h32g)

File: REC4A

**Overview**

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

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

File: REC4A

**Overview**

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

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

File: REC4A

**Overview**

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

Fever: private hospital/ clinic/poly clinic (h32j)

File: REC4A

**Overview**

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

Fever: private pharmacy (h32k)

File: REC4A

**Overview**

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

Fever: private doctor (h32l)

File: REC4A

#### Overview

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

Fever: mobile clinic (h32m)

File: REC4A

#### Overview

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

Fever: private community health worker (h32n)

File: REC4A

#### Overview

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

Fever: other private medical (h32o)

File: REC4A

#### Overview

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

NA - Fever/cough: CS private medical (h32p)

File: REC4A

#### Overview



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

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

File: REC4A

#### Overview

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

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

File: REC4A

#### Overview

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

Fever: store (h32s)

File: REC4A

#### Overview

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

Fever: traditional healer (h32t)

File: REC4A

#### Overview

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

Fever: market (h32u)

File: REC4A

#### Overview

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

Fever: itinerant medecine seller (h32v)

File: REC4A

#### Overview

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

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

File: REC4A

#### Overview

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

Fever: other (h32x)

File: REC4A

#### Overview

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

Fever: no treatment (h32y)

File: REC4A

#### Overview

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

Fever: medical treatment (h32z)

File: REC4A

#### Overview

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

Place first sought treatment for fever (h46a)

File: REC4A

#### Overview

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

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

File: REC4A

#### Overview

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

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

File: REC4A

#### Overview

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

## Case Identification (hhid)

File: REC44

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC44

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to Birth History (hwidx)

File: REC44

**Overview**

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

## Child's age in months (hw1)

File: REC44

**Overview**

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

## Day of birth of child (hw16)

File: REC44

**Overview**

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

## Date measured (day) (hw17)

File: REC44

**Overview**

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

Date measured (month) (hw18)

File: REC44

#### Overview

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

Date measured (year) (hw19)

File: REC44

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2017-2018

Line number of parent/caretaker (hw51)

File: REC44

#### Overview

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

Read consent statement - hemoglobin (hw52)

File: REC44

#### Overview

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

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

File: REC44

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 36-999

## Result of measurement - hemoglobin (hw55)

File: REC44

### Overview

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

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

File: REC44

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 36-9999

## Anemia level (hw57)

File: REC44

### Overview

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

## Case Identification (hhid)

File: REC81

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC81

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

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

File: REC81

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 603-9999

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

File: REC81

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 611-9999

## 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**

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

## Interviewer identification (v805)

File: REC81

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 11-104

## Keyer identification (v806)

File: REC81

### Overview

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



## Case Identification (hhid)

File: RECML

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: RECML

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Index to Birth History (idxml)

File: RECML

**Overview**

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

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

File: RECML

**Overview**

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

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

File: RECML

**Overview**

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

## Source of antimalarial during pregnancy (ml2)

File: RECML

**Overview**

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

## NA - Child has fever/cough now (ml11)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Fansidar taken for fever (ml13a)

File: RECML

### Overview

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

## Chloroquine taken for fever (ml13b)

File: RECML

### Overview

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

## Amodiaquine taken for fever (ml13c)

File: RECML

### Overview

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

## Quinine taken for fever (ml13d)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Combination with artemisinin taken for fever (ml13e)

File: RECML

### Overview

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

## Artesunate rectal taken for fever (ml13aa)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Artemether injection taken for fever (ml13f)

File: RECML

### Overview

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

## SP/Fansidar and amodiaquine (combined) taken for fever (ml13g)

File: RECML

### Overview

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

## Other antimalarial taken for fever (ml13h)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Antibiotic injection taken for fever (ml13j)

File: RECML

### Overview

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

## NA - Aspirin taken for fever (ml13k)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Ibuprofen taken for fever (ml13m)

File: RECML

### Overview

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

## Paracetamol/Aspirine taken for fever (ml13n)

File: RECML

### Overview

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

## Acetaminophen taken for fever (ml13o)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Other taken for fever (ml13x)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## NA - Injection given for fever/convulsion (ml14a)

File: RECML

### Overview

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

## NA - Suppository given for fever/convulsion (ml14b)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Timing of start of fansidar (ml15a)

File: RECML

### Overview

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

## NA - Number of days child took fansidar (ml15b)

File: RECML

### Overview

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

## NA - First source for fansidar (ml15c)

File: RECML

### Overview

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

## Timing of start of chloroquine (ml16a)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## NA - First source for chloroquine (ml16c)

File: RECML

### Overview

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

## Timing of start of amodiaquine (ml17a)

File: RECML

### Overview



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

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

File: RECML

### Overview

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

## NA - First source for amodiaquine (ml17c)

File: RECML

### Overview

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

## Timing of start of quinine (ml18a)

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## NA - First source for quinine (ml18c)

File: RECML

### Overview

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

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

File: RECML

#### Overview

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

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

File: RECML

#### Overview

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

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

File: RECML

#### Overview

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

NA - For fever/convulsion: CS (ml19d)

File: RECML

#### Overview

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

NA - For fever/convulsion: CS (ml19e)

File: RECML

#### Overview

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

NA - For fever/convulsion: CS (ml19f)

File: RECML

#### Overview

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

NA - For fever/convulsion: other (ml19x)

File: RECML

#### Overview

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

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

File: RECML

#### Overview

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

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

File: RECML

#### Overview

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

Timing of start of combination with artemisinin (ml20a)

File: RECML

#### Overview

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

## NA - Number of days child took combination with artemisinin (ml20b) File: RECML

### Overview

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

## NA - First source for combination with artemisinin (ml20c) File: RECML

### Overview

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

## Timing of start of artemether (injection) (ml21a) File: RECML

### Overview

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

## NA - Number of days child took CS antimalarial (ml21b) File: RECML

### Overview

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

## NA - First source for CS antimalarial (ml21c) File: RECML

### Overview

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

## Timing of start of SP/Fansidar and amodiaquine (combined) (ml22a) File: RECML

### Overview

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

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

### Overview

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

## NA - First source for CS antimalarial (ml22c) File: RECML

### Overview

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

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

### Overview

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

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

### Overview

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

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

File: RECML

### Overview

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

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

File: RECML

### Overview

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

## Timing of start of artesunate (ml25a)

File: RECML

### Overview

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

## Number of times took SP/Fansidar in presence of health worker (s305a)

File: RECML

### Overview

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

## Case Identification (hhid)

File: REC91

**Overview**

Type: Discrete  
 Format: character  
 Width: 8

## Case Identification (caseid)

File: REC91

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

## Concession number (sconces)

File: REC91

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-405

## Province (sprovince)

File: REC91

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-45

## Ever attended school (s104)

File: REC91

**Overview**

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

## Highest educational level (s105)

File: REC91

**Overview**

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

Highest year of educational (s106)

File: REC91

#### Overview

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

Have you received any malaria messages during the last 6 months (s111)

File: REC91

#### Overview

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

Has heard ou received messages from : Radio (s112a)

File: REC91

#### Overview

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

Has heard ou received messages from : Television (s112b)

File: REC91

#### Overview

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

Has heard ou received messages from : Poster / flyer / box images (s112c)

File: REC91



**Overview**

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

Has heard ou received messages from : Community health worker (s112d)

File: REC91

**Overview**

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

Has heard ou received messages from : Community event/Criel (s112e)

File: REC91

**Overview**

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

Has heard ou received messages from : Health centers (s112f)

File: REC91

**Overview**

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

Has heard ou received messages from : Animators (s112g)

File: REC91

**Overview**

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

## Has heard ou received messages from : Elsewhere (s112h)

File: REC91

**Overview**

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

## Main cause of malaria : Mosquito bite (s115a)

File: REC91

**Overview**

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

## Main cause of malaria : Excessive oil consumption (s115b)

File: REC91

**Overview**

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

## Main cause of malaria : Fatigue due to work (s115c)

File: REC91

**Overview**

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

## Main cause of malaria : Sleep insufficiency (s115d)

File: REC91

**Overview**

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

## Main cause of malaria : direct sun exposure (s115e)

File: REC91

**Overview**

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

## Main cause of malaria : consumption of mangos / sweet fruits (s115f)

File: REC91

**Overview**

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

## Main cause of malaria : Consumption of milk (s115g)

File: REC91

**Overview**

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

## Main cause of malaria : Dirty (s115h)

File: REC91

**Overview**

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

## Main cause of malaria : Other (s115x)

File: REC91

**Overview**

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

## Main cause of malaria : Don't know (s115z)

File: REC91

**Overview**

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

## Malaria symptoms : Fever (s117a)

File: REC91

**Overview**

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

## Malaria symptoms : lack of appetite and vomiting (s117b)

File: REC91

**Overview**

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

## Malaria symptoms : High temperature with convulsions (s117c)

File: REC91

**Overview**

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

## Malaria symptoms : High temperature with fainting (s117d)

File: REC91

**Overview**

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

## Malaria symptoms : Persistent temperature (s117e)

File: REC91

### Overview

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

## Malaria symptoms : Convulsions (s117f)

File: REC91

### Overview

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

## Malaria symptoms : Jaundice (s117g)

File: REC91

### Overview

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

## Malaria symptoms : Headache (s117h)

File: REC91

### Overview

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

## Malaria symptoms : Other (s117x)

File: REC91

### Overview

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

## Malaria symptoms : Don't know (s117z)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : sleep under mosquito net not treated (s118a)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : sleep under insecticide-treated mosquito ne (s118b)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : take preventive medecines (s118c)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : use insecticide/diffusers/crems/lotions/repu (s118d)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : use a mosquito coil (s118e)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : decoction / plant juice / root to drink as a (s118f)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : cleaning the surroundings (s118g)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : indoor sprinkling (s118h)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : window screens (s118i)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : use a fumigant coil (s118j)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : use electric pads (s118k)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : air conditioners / fans (s118l)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : powder / application (s118m)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : cover the body (s118n)

File: REC91

**Overview**

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



## Effective ways to prevent malaria : other (s118w)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : other (s118x)

File: REC91

**Overview**

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

## Effective ways to prevent malaria : don't know (s118z)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - therapeutic combination based (s119a)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - SP/Fansidar (s119b)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - chloroquine (s119c)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - amodiaquine (s119d)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - quinine tablets (s119e)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - quinine injection/IV/IM (s119f)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - artesunate rectal way (s119g)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Antimalarials - artesunate injection/IV/IM (s119h)

File: REC91

### Overview

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

## Effective ways to treat malaria : Antimalarials - artemether (injection) (s119i)

File: REC91

### Overview

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

## Effective ways to treat malaria : Antimalarials - SP/Fansidar et amodiaquine (co (s119j)

File: REC91

### Overview

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

## Effective ways to treat malaria : Antimalarials - other (s119k)

File: REC91

### Overview

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

## Effective ways to treat malaria : Antibiotics - tablets/syrup (s119l)

File: REC91

### Overview

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

## Effective ways to treat malaria : Antibiotics - injection/IV (s119m)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Other drugs - paracetamol/aspirin (s119n)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Other drugs - acetaminophen (s119o)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Other drugs - ibuprofen (s119p)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Other (s119x)

File: REC91

**Overview**

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

## Effective ways to treat malaria : Other drugs - don't know (s119z)

File: REC91

### Overview

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

## Fieldworker code (fw101)

File: FWRECORD

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-104

## Country code and phase (fw000)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

## Fieldworker region of residence (fw102)

File: FWRECORD

**Overview**

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

## Fieldworker type of place of residence (fw103)

File: FWRECORD

**Overview**

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

## Fieldworker age (fw104)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 21-41

## Fieldworker sex (fw105)

File: FWRECORD

**Overview**

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

Fieldworker marital status (fw106)

File: FWRECORD

**Overview**

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

Fieldworker number of living children (fw107)

File: FWRECORD

**Overview**

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

Fieldworker ever had a child who died (fw108)

File: FWRECORD

**Overview**

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

Highest level of school attended by fieldworker (fw109)

File: FWRECORD

**Overview**

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

Highest grade/form/year at that level completed by fieldworker (fw110)

File: FWRECORD

**Overview**

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

Fieldworker religion (fw111)

File: FWRECORD

**Overview**

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

Fieldworker ethnicity (fw112)

File: FWRECORD

**Overview**

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

Languages spoken by fieldworker (fw113)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 12

Bobo (fw113a)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Dioula (fw113b)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1



## Fulfulde/peulh (fw113c)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Gourmantche (fw113d)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Gourounsi (fw113e)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Lobi (fw113f)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Mossi (fw113g)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Senoufo (fw113h)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Touareg/bella (fw113i)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Dagara (fw113j)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Bissa (fw113k)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Language other countries (for foreigners) (fw113l)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Language M (fw113m)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

## Other language (fw113x)

File: FWRECORD

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

No other language (fw113y)

File: FWRECORD

#### Overview

Type: Discrete  
Format: character  
Width: 1

Fieldworker's mother tongue/native language (fw114)

File: FWRECORD

#### Overview

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

Has fieldworker ever worked on a DHS (fw115)

File: FWRECORD

#### Overview

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

Has fieldworker ever worked on any other survey (fw116)

File: FWRECORD

#### Overview

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

Was fieldworker working for agency at the time employed for DHS (fw117)

File: FWRECORD

#### Overview

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

## Is fieldworker a permanent or temporary employee of agency (fw118)

File: FWRECORD

### Overview

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

# Documentation

## Questionnaires

### Inquérito Nacional sobre Indicadores de Malária, Questionário do Agregados Familiar

---

Title Inquérito Nacional sobre Indicadores de Malária, Questionário do Agregados Familiar  
 Date 2018-02-14  
 Country Mozambique  
 Language Portuguese  
 Filename Mozambique\_2018\_MIS\_hh\_questionnaire.pdf

---

### Inquérito Nacional sobre Indicadores de Malária, Questionário Individual Para Mulheres de 15 A 49 Anos

---

Title Inquérito Nacional sobre Indicadores de Malária, Questionário Individual Para Mulheres de 15 A 49 Anos  
 Date 2018-03-16  
 Country Mozambique  
 Language Portuguese  
 Filename Mozambique\_2018\_MIS\_woman\_questionnaire.pdf

---

### Inquérito Nacional sobre Indicadores de Malária, Questionário de Biomarcadores

---

Title Inquérito Nacional sobre Indicadores de Malária, Questionário de Biomarcadores  
 Date 2018-01-25  
 Country Mozambique  
 Language Portuguese  
 Filename Mozambique\_2018\_MIS\_biomarker\_questionnaire.pdf

---

## Reports

### Inquérito Nacional sobre Indicadores de Malária (IIM) 2018, Relatório Final

---

Title Inquérito Nacional sobre Indicadores de Malária (IIM) 2018, Relatório Final  
 Author(s) Instituto Nacional de Saúde (INS) Instituto Nacional de Estatística (INE) Programa Nacional de Controlo da Malária (PNCM) Com a Assistência Técnica de ICF  
 Date 2019-04-01  
 Country Mozambique  
 Language Portuguese

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contentsFilename <https://dhsprogram.com/pubs/pdf/MIS33/MIS33.pdf>

## Fast Facts from The 2018 Mozambique MIS

---

Title Fast Facts from The 2018 Mozambique MIS  
Author(s) The DHS Program  
Date 2019-04-01  
Country Mozambique  
Language English  
Filename <https://dhsprogram.com/pubs/pdf/DM144/DM144.pdf>

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## Inquérito Nacional sobre Indicadores de Malária (IIM) 2018, Folheto

---

Title Inquérito Nacional sobre Indicadores de Malária (IIM) 2018, Folheto  
Author(s) The DHS Program  
Date 2019-04-01  
Country Mozambique  
Language Portuguese  
Filename <https://dhsprogram.com/pubs/pdf/MF27/MF27.pdf>

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