

Malaria Indicator Survey 2023

**Malaria and Other Parasitic Diseases Division (MOPDD), National Institute of
Statistics (NISR)**

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visit_data_catalog_at: <https://microdata.worldbank.org/>

Identification

SURVEY ID NUMBER
RWA_2023_MIS_v01_M

TITLE
Malaria Indicator Survey 2023

ABBREVIATION OR ACRONYM
MIS 2023

COUNTRY/ECONOMY

Name	Country code
Rwanda	RWA

STUDY TYPE
Demographic and Health Survey [hh/dhs]

ABSTRACT

The 2023 Rwanda Malaria Indicator Survey (2023 RMIS) was a nationwide survey using a nationally representative sample of approximately 5,100 households from 170 clusters. It was designed to provide information on key malaria control indicators such as the proportion of households having at least one bed net and at least one insecticide-treated net (ITN), the proportion of children under age 5 who slept under a mosquito net and under an ITN the night before survey, and the proportion of pregnant women who slept under a mosquito net and under an ITN the night before the survey.

The primary objective of the 2023 RMIS was to provide up-to-date estimates of basic demographic and health indicators related to malaria. Specifically, the survey collected information on vector control interventions such as mosquito nets, care seeking for and treatment of fever in children, and exposure to messages on malaria. Also, all household members, including young children and pregnant women, were tested for malaria infection.

The information collected through the 2023 RMIS is intended to assist policymakers and program managers in designing and evaluating programs and strategies for improving the health of the country's population.

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
- Household
- Individual
- Children age 0-5
- Woman age 15-49

Version

VERSION NOTES

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

- Contract Phase: DHS-8
- Recode Structure: DHS-8

Scope

NOTES

The 2023 Rwanda Malaria Indicator Survey covered the following topics:

HOUSEHOLD

- Identification
- Usual members and visitors in the selected households
- Background information on each person listed, such as relationship to head of the household, age, sex, and marital status.
- Characteristics of the household's dwelling unit, such as the source of drinking water and where it is located, type of toilet facilities and where it is located, type of fuel used for cooking, number of rooms, ownership of livestock, possessions of durable goods, and main material for the floor, roof and walls of the dwelling.
- Mosquito nets

WOMAN

- Identification
- Background characteristics (including age, education, and media exposure)
- Reproduction
- Pregnancy and intermittent preventive treatment
- Fever in children
- Malaria knowledge and beliefs

BIOMARKER

- Identification
- Malaria testing for children age 6 months to 14 years
- Malaria test for adults age 15 and above

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The survey covered all de jure household members (usual residents), all women aged 15-49, and all children aged 0-4 resident in the household.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Malaria and Other Parasitic Diseases Division (MOPDD)	Government of Rwanda
National Institute of Statistics (NISR)	Government of Rwanda

PRODUCERS

Name	Role	Affiliation
ICF	Provided technical assistance through The DHS Program	The DHS Program

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Government of Rwanda	Govt. RWA	Financial support
United States Agency for International Development	USAID	Financial support
U.S. President's Malaria Initiative	PMI	Financial support
Global Fund to Fight AIDS, Tuberculosis and Malaria	GFATM	Financial support

Sampling

SAMPLING PROCEDURE

The RMIS followed a two-stage sample design and was intended to allow estimates of key indicators for the following domains:

- National level
- Urban and rural areas
- Provincial and district levels: Kigali (Nyarugenge, Gasabo, Kicukiro), South (Nyanza, Gisagara, Nyaruguru, Huye, Nyamagabe, Ruhango, Muhanga, Kamonyi), West (Karongi, Rutsiro, Rubavu, Nyabihu, Ngororero, Rusizi, Nyamasheke), North (Rulindo, Gakenke, Musanze, Burera, Gicumbi), and East (Rwamagana, Nyagatare, Gatsibo, Kayonza, Kirehe, Ngoma, Bugesera)

The first stage involved selecting sample points (clusters) consisting of enumeration areas (EAs) delineated within the master sampling frame provided by NISR. A total of 170 clusters were randomly selected using probability proportional to size. Of these clusters, 55 were in urban areas and 115 in rural areas.

In the second stage, 30 households per cluster were systematically selected, resulting in a total sample size of 5,100 households.

For additional information regarding the sample procedure, please consult Sample Design section of the final survey report.

RESPONSE RATE

A total of 5,100 households were selected for the survey, of which 5,099 were occupied and 5,098 were successfully interviewed, yielding a response rate of nearly 100%. In the interviewed households, 5,144 women age 15–49 were identified for individual interviews. Interviews were completed with 5,131 women, yielding a response rate of more than 99%.

Data collection

DATES OF DATA COLLECTION

Start	End
2023-10-16	2023-12-31

DATA COLLECTION MODE

Face-to-face computer-assisted interviews [capi]

DATA COLLECTION NOTES

Fieldwork began on October 16, 2023. Fieldworkers were grouped into 15 teams, each consisting of one supervisor, two biomarker technicians, and two female interviewers. Each team was responsible for collecting data in two districts. Over the course of data collection, field teams were closely monitored by MOPDD coordinators including two biomarker coordinators. Data were transferred daily to the National Data Centre using the CSWeb platform. The SyncCloud system was used to generate field check tables from the team supervisor tablets, and these data were made available to both MOPDD and ICF for fieldwork monitoring. Data collection was completed on December 31, 2023.

DATA COLLECTORS

Name	Affiliation	Abbreviation
National Institute of Statistics	Government of Rwanda	NISR

questionnaires

QUESTIONNAIRES

The 2023 RMIS used three questionnaires: the Household Questionnaire, the Woman's Questionnaire, and the Biomarker Questionnaire. The questionnaires were based on The DHS Program's model questionnaires and were adapted to reflect the population and health issues relevant to Rwanda. The Household and Woman's Questionnaires were programmed into tablet computers to allow for computer-assisted personal interviewing (CAPI) for data collection purposes. The survey protocol was reviewed and approved by the Rwanda National Ethical Committee (RNEC) and the ICF Institutional Review Board.

data_processing

DATA EDITING

Secondary editing of the 2023 RMIS data commenced in February 2024, with the MOPDD IT supervisor overseeing the process. This phase included identifying and resolving inconsistencies, addressing incomplete responses, detecting outliers, and coding open-ended questions using CSPro software. After ensuring data quality, all personally identifiable information was removed, and both electronic and printed materials related to the editing were securely deleted or destroyed. The finalized, anonymized data files were then shared with ICF, and the editing process concluded on February 26, 2024.

data_appraisal

ESTIMATES OF SAMPLING ERROR

Estimates from the 2023 Rwanda Malaria Indicator Survey (RMIS) are influenced by non-sampling errors (such as mistakes during data collection and processing) and sampling errors (variability from using a sample instead of the whole population). Non-sampling errors are hard to completely avoid or measure, while sampling errors can be statistically evaluated using survey results. The standard error, which measures sampling error, helps determine confidence intervals for population estimates; for instance, a statistic typically falls within plus or minus two times the standard error in 95% of similar samples. Because the 2023 RMIS used a complex, multistage stratified design rather than a simple random sample, advanced methods and SAS software (using the Taylor linearization method) were required to calculate sampling errors.

A more detailed description of estimates of sampling errors are presented in APPENDIX B of the survey report.

DATA APPRAISAL

Data Quality Tables

- Household age distribution
- Age distribution of eligible and interviewed women
- Age distribution of eligible and interviewed men
- Age displacement at ages 14/15
- Age displacement at ages 49/50
- Completeness of reporting
- Number of enumeration areas completed by month and province
- Positive rapid diagnostic test (RDT) results by month and province
- Concordance and discordance between RDT and microscopy results
- Concordance and discordance between national and external quality control laboratories

See details of the data quality tables in Appendix C of the final report.

Access policy

CONTACTS

Name	Affiliation	Email	URL
Information about The DHS Program	The DHS Program	reports@DHSprogram.com	Link
General Inquiries	The DHS Program	info@dhsprogram.com	Link
Data and Data Related Resources	The DHS Program	archive@dhsprogram.com	Link

ACCESS CONDITIONS

Request Dataset Access

The following applies to DHS, MIS, AIS and SPA survey datasets (Surveys, GPS, and HIV).

To request dataset access, you must first be a registered user of the website. You must then create a new research project request. The request must include a project title and a description of the analysis you propose to perform with the data.

The requested data should only be used for the purpose of the research or study. To request the same or different data for another purpose, a new research project request should be submitted. The DHS Program will normally review all data requests within 24 hours (Monday - Friday) and provide notification if access has been granted or additional project information is needed before access can be granted.

DATASET ACCESS APPROVAL PROCESS

Access to DHS, MIS, AIS and SPA survey datasets (Surveys, HIV, and GPS) is requested and granted by country. This means that when approved, full access is granted to all unrestricted survey datasets for that country. Access to HIV and GIS datasets requires an online acknowledgment of the conditions of use.

Required Information

A dataset request must include contact information, a research project title, and a description of the analysis you propose to perform with the data.

Restricted Datasets

A few datasets are restricted and these are noted. Access to restricted datasets is requested online as with other datasets. An additional consent form is required for some datasets, and the form will be emailed to you upon authorization of your account. For other restricted surveys, permission must be granted by the appropriate implementing organizations, before The DHS Program can grant access. You will be emailed the information for contacting the implementing organizations. A few restricted surveys are authorized directly within The DHS Program, upon receipt of an email request.

When The DHS Program receives authorization from the appropriate organizations, the user will be contacted, and the datasets made available by secure FTP.

GPS/HIV Datasets/Other Biomarkers

Because of the sensitive nature of GPS, HIV and other biomarkers datasets, permission to access these datasets requires that you accept a Terms of Use Statement. After selecting GPS/HIV/Other Biomarkers datasets, the user is presented with a consent form which should be signed electronically by entering the password for the user's account.

Dataset Terms of Use

Once downloaded, the datasets must not be passed on to other researchers without the written consent of The DHS Program. All reports and publications based on the requested data must be sent to The DHS Program Data Archive in a Portable Document Format (pdf) or a printed hard copy.

Download Datasets

Datasets are made available for download by survey. You will be presented with a list of surveys for which you have been granted dataset access. After selecting a survey, a list of all available datasets for that survey will be displayed, including all survey, GPS, and HIV data files. However, only data types for which you have been granted access will be accessible. To download, simply click on the files that you wish to download and a "File Download" prompt will guide you through the remaining steps.

CITATION REQUIREMENTS

Recommended citations are available at <https://www.dhsprogram.com/publications/Recommended-Citations.cfm>

ACCESS AUTHORITY

Name	URL
The DHS Program	Link

Metadata production**DDI DOCUMENT ID**

DDI_RWA_2023_MIS_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	World Bank Group	Documentation of the survey

DATE OF METADATA PRODUCTION

2026-05-06T04:00:00.000Z

DDI DOCUMENT VERSION

Version 01 (May 2026). Metadata is excerpted from "Rwanda Malaria Indicator Survey 2023" final report.

data_dictionary

Data file	Cases	variables
RECH0 HOUSEHOLD - Household's basic data	5100	53
RECH1 HOUSEHOLD - Household schedule	19038	11
RECH2 HOUSEHOLD - Household characteristics	5098	60
RECH3 HOUSEHOLD - Survey specific household variables	5100	16
RECH4 HOUSEHOLD - Survey specific household schedule variables	19038	4
RECHML HOUSEHOLD - Malaria: by Mosquito Bed Net	6825	20
RECHMH HOUSEHOLD - Malaria: by Household Member	19038	48
REC01 WOMAN -	5144	41
REC11 WOMAN - Respondent's basic data	5131	59
REC21 WOMAN - Reproduction and birth history	3028	24
REC23 WOMAN - Reproduction (continued)	5131	23
REC41 WOMAN - Maternity	1432	59
REC4A WOMAN - Child's health	2561	131
REC45 WOMAN - Woman's feeding practices and summary variables	5131	15
REC81 WOMAN - Characteristics of interview	5131	8
RECSBC WOMAN - Social behavior change communication - Malaria	5131	43

REC91 WOMAN - Country specific single variables	5144	4
REC96 WOMAN - Country specific child health	2561	4
FWRECORD Fieldworker record	90	21

Data file: RECHO

HOUSEHOLD

- Household's basic data

Cases: 5100

variables: 53

variables

ID	Name	Label	Question
V1	hhid	Case Identification	
V2	hv000	Country code and phase	
V3	hv001	Cluster number	
V4	hv002	Household number	
V5	hv003	Respondent's line number (answering Household questionnaire)	
V6	hv004	Ultimate area unit	
V7	hv005	Household sample weight (6 decimals)	
V8	hv006	Month of interview	
V9	hv007	Year of interview	
V10	hv008	Date of interview (CMC)	
V11	hv008a	Date of interview Century Day Code (CDC)	
V12	hv009	Number of household members	
V13	hv010	Number of eligible women in household	
V14	hv011	NA - Number of eligible men in household	
V15	hv012	Number of de jure members	
V16	hv013	Number of de facto members	
V17	hv014	Number of children 5 and under (de jure)	
V18	hv015	Result of household interview	
V19	hv016	Day of interview	
V20	hv017	Number of visits	
V21	hv018	Interviewer identification	
V22	hv019	NA - Keyer identification	
V23	hv020	Ever-married sample	
V24	hv021	Primary sampling unit	
V25	hv022	Sample strata for sampling errors	
V26	hv023	Stratification used in sample design	
V27	hv024	Region	
V28	hv025	Type of place of residence	
V29	hv026	NA - Place of residence	
V30	hv027	NA - Household selected for man's interview	
V31	hv028	NA - Household weight for male subsample (6 decimals)	
V32	hv030	Field supervisor	
V33	hv031	NA - Field editor	
V34	hv032	NA - Office editor	
V35	hv035	Number of eligible children for height and weight	
V36	hv040	Cluster altitude in meters	

ID	Name	Label	Question
V37	hv041	Total adults measured	
V38	hv042	NA - Household selected for hemoglobin	
V39	hv045a	Language of questionnaire	
V40	hv045b	Language of interview	
V41	hv045c	Native language of respondent	
V42	hv046	Translator used	
V43	hv047	Team number	
V44	hv048	NA - Team supervisor	
V45	hv801	Time interview started (hhmm - 24 hour clock)	
V46	hv802	Time interview ended (hhmm - 24 hour clock)	
V47	hv803	Length of interview in minutes	
V48	hv804	Number of visits for biomarker	
V49	hv807d	Day of biomarker visit	
V50	hv807m	Month of biomarker visit	
V51	hv807y	Year of biomarker visit	
V52	hv807c	Date of biomarker (CMC)	
V53	hv807a	Date of biomarker Century Day Code (CDC)	

total: 53

Data file: RECH1

HOUSEHOLD

- Household schedule

Cases: 19038

variables: 11

variables

ID	Name	Label	Question
V54	hhid	Case Identification	
V55	hvidx	Line number	
V56	hv101	Relationship to head	
V57	hv102	Usual resident	
V58	hv103	Stayed last night	
V59	hv104	Sex of household member	
V60	hv105	Age of household members	
V61	hv115	Current marital status	
V62	hv116	Currently, formerly, never married	
V63	hv117	Eligibility for female interview	
V64	hv120	Children eligibility for malaria	

total: 11

Data file: RECH2

HOUSEHOLD

- Household characteristics

Cases: 5098

variables: 60

variables

ID	Name	Label	Question
V65	hhid	Case Identification	
V66	hv201	Source of drinking water	
V67	hv202	Source of non-drinking water	
V68	hv201a	NA - Water not available for at least a day last two weeks	
V69	hv201b	NA - Water for drinking not sufficient in the last month	
V70	hv204	Time to get to water source (minutes)	
V71	hv205	Type of toilet facility	
V72	hv206	Has electricity	
V73	hv207	Has radio	
V74	hv208	Has television	
V75	hv209	Has refrigerator	
V76	hv210	Has bicycle	
V77	hv211	Has motorcycle/scooter	
V78	hv212	Has car/truck	
V79	hv213	Main floor material	
V80	hv214	Main wall material	
V81	hv215	Main roof material	
V82	hv216	Number of rooms used for sleeping	
V83	hv217	Relationship structure	
V84	hv218	Line number of head of household	
V85	hv219	Sex of head of household	
V86	hv220	Age of head of household	
V87	hv221	Has telephone (land-line)	
V88	hv222	Type of cookstove	
V89	hv223	Type of cooking fuel	
V90	hv225	Share toilet with other households	
V91	hv226	Type of cooking fuel	
V92	hv227	Has mosquito bed net for sleeping	
V93	hv228	Children under 5 slept under mosquito bed net last night	
V94	hv235	Location of source for water	
V95	hv238	Number of households sharing toilet	
V96	hv238a	Location of toilet facility	
V97	hv243a	Has mobile telephone	
V98	hv243b	Has watch	
V99	hv243c	Has animal-drawn cart	
V100	hv243d	Has boat with a motor	

ID	Name	Label	Question
V101	hv243e	Has a computer	
V102	hv244	Owens land usable for agriculture	
V103	hv245	Hectares of agricultural land (1 decimal)	
V104	hv246	Owens livestock, herds or farm animals	
V105	hv246a	Owens cattle	
V106	hv246b	Owens cows/ bulls	
V107	hv246c	Owens horses/ donkeys/ mules	
V108	hv246d	Owens goats	
V109	hv246e	Owens sheep	
V110	hv246f	Owens chickens/poultry	
V111	hv246g	Owens bulls	
V112	hv246h	Owens pigs	
V113	hv246i	Owens rabbits	
V114	hv246j	NA - Owns CS	
V115	hv246k	NA - Owns CS	
V116	hv247	Has bank account	
V117	hv263	Mobile phone used financial transactions	
V118	hv270	Wealth index combined	
V119	hv271	Wealth index factor score combined (5 decimals)	
V120	hv270a	Wealth index for urban/rural	
V121	hv271a	Wealth index factor score for urban/rural (5 decimals)	
V122	hml1	Number of mosquito bed nets	
V123	hml1a	Number of mosquito bed nets with specific information	
V124	hml2	Number of children under mosquito bed net previous night	

total: 60

Data file: RECH3

HOUSEHOLD

- Survey specific household variables

Cases: 5100

variables: 16

variables

ID	Name	Label	Question
V125	hhid	Case Identification	
V126	shdistrict	District	
V127	sh116g	Has mattress	
V128	sh116h	Has bench or at least 3 chairs	
V129	sh116i	Has bed	
V130	sh116j	Has table	
V131	sh116k	Has sofa	
V132	sh116l	Has traditional improved stove	
V133	sh116m	Has stove	
V134	sh116n	Has cupboard	
V135	sh116o	Has dining table	
V136	sh116p	Has iron machine	
V137	sh116q	Has laundry machine	
V138	sh116r	Has satellite dish	
V139	sh117h	Has boat without a motor	
V140	sh117i	Has camera	

total: 16

Data file: RECH4

HOUSEHOLD

- Survey specific household schedule variables

Cases: 19038

variables: 4

variables

ID	Name	Label	Question
V141	hhid	Case Identification	
V142	idxh4	Index to Household Schedule	
V143	sh09	Eligibility for children 0-14 years for malaria testing	
V144	sh10	Adult 15+ years eligibility for malaria testing	

total: 4

Data file: RECHML

HOUSEHOLD

- Malaria: by Mosquito Bed Net

Cases: 6825

variables: 20

variables

ID	Name	Label	Question
V145	hhid	Case Identification	
V146	hmlidx	Mosquito Bed Net Designation Number	
V147	hml3	Net observed by interviewer	
V148	hml4	Months ago net obtained	
V149	hml5	NA - Net treated with insecticide when bought	
V150	hml6	NA - Net treatment status	
V151	hml7	Brand of net	
V152	hml8	NA - Net treated since received	
V153	hml9	NA - Time since last re-treatment (months)	
V154	hml10	Insecticide-Treated Net (ITN)	
V155	hml11	Number of persons who slept under this net	
V156	hml21	Someone slept under this net last night	
V157	hmla	Line number of person who slept in this net	
V158	hmlb	Line number of person who slept in this net	
V159	hmlc	Line number of person who slept in this net	
V160	hml d	Line number of person who slept in this net	
V161	hml e	NA - Line number of person who slept in this net	
V162	hml22	Obtained net from campaign, antenatal or immunization visit	
V163	hml23	Place where net was obtained	
V164	hml24	Reason net was not used	

total: 20

Data file: RECHMH

HOUSEHOLD

- Malaria: by Household Member

Cases: 19038

variables: 48

variables

ID	Name	Label	Question
V165	hhid	Case Identification	
V166	hmhidx	Index to Household Schedule	
V167	hml12	Type of Mosquito Bed Net(s) person slept under last night	
V168	hml13	Net Designation Number (HMLIDX) for 1st net person slept under last night	
V169	hml14	Net Designation Number (HMLIDX) for 2nd net person slept under last night	
V170	hml15	NA - Net Designation Number (HMLIDX) for 3rd net person slept under last night	
V171	hml16	Corrected age from Individual file	
V172	hml16a	Age in months (for children)	
V173	hml17	Flag for age from Individual file	
V174	hml18	Pregnancy status from Individual file	
V175	hml19	Person slept under an ever-treated net	
V176	hml20	Person slept under an LLIN net	
V177	hml30	Line number of parent/caretaker (for malaria testing)	
V178	hml31	Read consent statement for malaria	
V179	hml32	Final result of malaria from blood smear test	
V180	hml32a	Presence of species: falciparum (Pf)	
V181	hml32b	Presence of species: malariae (Pm)	
V182	hml32c	Presence of species: ovale (Po)	
V183	hml32d	Presence of species: vivax (Pv)	
V184	hml32e	NA - Presence of species: CS	
V185	hml32f	NA - Presence of species: CS	
V186	hml32g	NA - Presence of species: CS	
V187	hml33	Result of malaria measurement	
V188	hml34	Bar code for blood smear sample	
V189	hml35	Result of malaria rapid test	
V190	hml36	Fieldworker measurer code for malaria	
V191	hml37a	Suffer from illness/symptom: extreme weakness	
V192	hml37b	Suffer from illness/symptom: heart problems	
V193	hml37c	Suffer from illness/symptom: loss of consciousness	
V194	hml37d	Suffer from illness/symptom: rapid or difficult breathing	
V195	hml37e	Suffer from illness/symptom: seizures	
V196	hml37f	Suffer from illness/symptom: abnormal bleeding	
V197	hml37g	Suffer from illness/symptom: jaundice or yellow skin	
V198	hml37h	Suffer from illness/symptom: dark urine	
V199	hml37i	NA - Suffer from illness/symptom: CS	
V200	hml37j	NA - Suffer from illness/symptom: CS	

ID	Name	Label	Question
V201	hml37k	NA - Suffer from illness/symptom: CS	
V202	hml37l	NA - Suffer from illness/symptom: CS	
V203	hml37m	NA - Suffer from illness/symptom: CS	
V204	hml38	Child taken or taking first line medicine given by health provider for malaria	
V205	hml39	Parent accept first line medicine to treat malaria	
V206	hml40	Fieldworker provided first line medicine for malaria	
V207	sb128d	Day tested for malaria - children	
V208	sb128m	Month tested for malaria - children	
V209	sb128y	Year tested for malaria - children	
V210	sb211d	Day tested for malaria - adults	
V211	sb211m	Month tested for malaria - adults	
V212	sb211y	Year tested for malaria - adults	

total: 48

Data file: REC01

WOMAN

-

Cases: 5144

variables: 41

variables

ID	Name	Label	Question
V213	hhid	Case Identification	
V214	caseid	Case identification	
V215	v000	Country code and phase	
V216	v001	Cluster number	
V217	v002	Household number	
V218	v003	Respondent's line number	
V219	v004	Ultimate area unit	
V220	v005	Women's individual sample weight (6 decimals)	
V221	v006	Month of interview	
V222	v007	Year of interview	
V223	v008	Date of interview (CMC)	
V224	v008a	Date of interview Century Day Code (CDC)	
V225	v009	Respondent's month of birth	
V226	v010	Respondent's year of birth	
V227	v011	Date of birth (CMC)	
V228	v012	Respondent's current age	
V229	v013	Age in 5-year groups	
V230	v014	Completeness of age information	
V231	v015	Result of individual interview	
V232	v016	Day of interview	
V233	v021	Primary sampling unit	
V234	v022	Sample strata for sampling errors	
V235	v023	Stratification used in sample design	
V236	v024	Region	
V237	v025	Type of place of residence	
V238	v026	NA - De facto place of residence	
V239	v027	Number of visits	
V240	v028	Interviewer identification	
V241	v029	NA - Keyer identification	
V242	v030	Field supervisor	
V243	v031	NA - Field editor	
V244	v032	NA - Office editor	
V245	v034	NA - Line number of husband	
V246	v040	Cluster altitude in meters	
V247	v042	NA - Household selected for hemoglobin	
V248	v045a	Language of questionnaire	

ID	Name	Label	Question
V249	v045b	Language of interview	
V250	v045c	Native language of respondent	
V251	v046	Translator used	
V252	v047	Team number	
V253	v048	NA - Team supervisor	

total: 41

Data file: REC11

WOMAN

- Respondent's basic data

Cases: 5131

variables: 59

variables

ID	Name	Label	Question
V254	hhid	Case Identification	
V255	caseid	Case identification	
V256	v101	Region	
V257	v102	Type of place of residence	
V258	v106	Highest educational level	
V259	v107	Highest year of education	
V260	v113	Source of drinking water	
V261	v115	Time to get to water source	
V262	v116	Type of toilet facility	
V263	v119	Household has: electricity	
V264	v120	Household has: radio	
V265	v121	Household has: television	
V266	v122	Household has: refrigerator	
V267	v123	Household has: bicycle	
V268	v124	Household has: motorcycle/scooter	
V269	v125	Household has: car/truck	
V270	v127	Main floor material	
V271	v128	Main wall material	
V272	v129	Main roof material	
V273	v130	Religion	
V274	v131	NA - Ethnicity	
V275	v133	Education in single years	
V276	v134	NA - De facto place of residence	
V277	v135	Usual resident or visitor	
V278	v136	Number of household members (listed)	
V279	v137	Number of children 5 and under in household (de jure)	
V280	v138	Number of eligible women in household (de facto)	
V281	v139	De jure region of residence	
V282	v140	De jure type of place of residence	
V283	v141	De jure place of residence	
V284	v149	Educational attainment	
V285	v150	Relationship to household head	
V286	v151	Sex of household head	
V287	v152	Age of household head	
V288	v153	Household has: telephone (land-line)	
V289	v155	Literacy	

ID	Name	Label	Question
V290	v156	NA - Ever participated in a literacy program outside of primary	
V291	v157	Frequency of reading newspaper or magazine	
V292	v158	Frequency of listening to radio	
V293	v159	Frequency of watching television	
V294	v160	Toilet facilities shared with other households	
V295	v161	Type of cooking fuel	
V296	v169a	Owns a mobile telephone	
V297	v169b	NA - Last 12 months use mobile telephone for financial transactions	
V298	v169c	Is respondent's mobile phone a smart phone	
V299	v171a	Use of internet	
V300	v171b	Frequency of using internet last month	
V301	v172	NA - Respondent state of birth	
V302	v173	NA - Respondent country of birth	
V303	v174m	NA - Month move to current place of residence	
V304	v174y	NA - Year move to current place of residence	
V305	v175	NA - Reason for moving to current place of residence	
V306	v176	NA - Self reported health status	
V307	v177	NA - Money put/taken from bank account last 12 months	
V308	v190	Wealth index combined	
V309	v191	Wealth index factor score combined (5 decimals)	
V310	v190a	Wealth index for urban/rural	
V311	v191a	Wealth index factor score for urban/rural (5 decimals)	
V312	ml101	Type of mosquito bed net(s) slept under last night	

total: 59

Data file: REC21

WOMAN

- Reproduction and birth history

Cases: 3028

variables: 24

variables

ID	Name	Label	Question
V313	hhid	Case Identification	
V314	caseid	Case identification	
V315	bidx	Birth column number	
V316	bidxp	NA - Index to pregnancy history	
V317	bord	Birth order number	
V318	b0	Child is twin	
V319	b1	Month of birth	
V320	b2	Year of birth	
V321	b3	Date of birth (CMC)	
V322	b4	Sex of child	
V323	b5	Child is alive	
V324	b6	NA - Age at death	
V325	b7	NA - Age at death (months, imputed)	
V326	b8	Current age of child	
V327	b9	Child lives with whom	
V328	b10	Completeness of information	
V329	b11	Preceding birth interval (months)	
V330	b12	Succeeding birth interval (months)	
V331	b13	NA - Flag for age at death	
V332	b15	Live birth between births	
V333	b16	Child's line number in household	
V334	b17	Day of birth	
V335	b18	Century Day Code of birth (CDC)	
V336	b19	Current age of child in months (months since birth for dead children)	

total: 24

Data file: REC23

WOMAN

- Reproduction (continued)

Cases: 5131

variables: 23

variables

ID	Name	Label	Question
V337	hhid	Case Identification	
V338	caseid	Case identification	
V339	v201	Total children ever born	
V340	v202	Sons at home	
V341	v203	Daughters at home	
V342	v204	Sons elsewhere	
V343	v205	Daughters elsewhere	
V344	v206	Sons who have died	
V345	v207	Daughters who have died	
V346	v208	Births in last five years	
V347	v209	Births in past year	
V348	v210	Births in month of interview	
V349	v213	Currently pregnant	
V350	v214	Duration of current pregnancy in months	
V351	v214a	Duration of current pregnancy original	
V352	v218	Number of living children	
V353	v219	Living children + current pregnancy	
V354	v220	Living children + current pregnancy (grouped)	
V355	v222	Last birth to interview (months)	
V356	v223	Completeness of current pregnancy information	
V357	v224	Entries in birth history	
V358	v237	Birth between last and interview	
V359	v238	Births in last three years	

total: 23

Data file: REC41

WOMAN
- Maternity

Cases: 1432

variables: 59

variables

ID	Name	Label	Question
V360	hhid	Case Identification	
V361	caseid	Case identification	
V362	midx	Index to Birth History	
V363	m2a	Prenatal: doctor	
V364	m2b	Prenatal: nurse/midwife	
V365	m2c	Prenatal: auxiliary midwife	
V366	m2d	NA - Prenatal: CS health professional	
V367	m2e	NA - Prenatal: CS health professional	
V368	m2f	NA - Prenatal: CS health professional	
V369	m2g	Prenatal: traditional birth attendant	
V370	m2h	Prenatal: community health worker/field worker	
V371	m2i	Prenatal: community health mother and child	
V372	m2j	NA - Prenatal: CS other person	
V373	m2k	Prenatal: other	
V374	m2l	NA - Prenatal: CS other	
V375	m2m	NA - Prenatal: CS other	
V376	m2n	Prenatal: no one	
V377	m13	Timing of 1st antenatal check (months)	
V378	m13a	Timing of 1st antenatal check (original)	
V379	m14	Number of antenatal visits during pregnancy	
V380	m49a	NA - During pregnancy took: SP/fansidar for malaria	
V381	m49b	NA - During pregnancy took: chloroquine for malaria	
V382	m49c	NA - During pregnancy took: CS drug for malaria	
V383	m49d	NA - During pregnancy took: CS drug for malaria	
V384	m49e	NA - During pregnancy took: CS drug for malaria	
V385	m49f	NA - During pregnancy took: CS drug for malaria	
V386	m49g	NA - During pregnancy took: CS drug for malaria	
V387	m49x	NA - During pregnancy took: other drug for malaria	
V388	m49z	NA - During pregnancy took: don't know	
V389	m49y	NA - During pregnancy took: no drug for malaria	
V390	m57a	Antenatal care: respondent's home	
V391	m57b	Antenatal care: other home	
V392	m57c	NA - Antenatal care: CS home	
V393	m57d	NA - Antenatal care: CS home	
V394	m57e	Antenatal care: government referral hospital	
V395	m57f	Antenatal care: provincial/district hospital	

ID	Name	Label	Question
V396	m57g	Antenatal care: health center	
V397	m57h	Antenatal care: health post	
V398	m57i	Antenatal care: outreach	
V399	m57j	Antenatal care: other public sector	
V400	m57k	NA - Antenatal care: CS public health	
V401	m57l	NA - Antenatal care: CS public health	
V402	m57m	Antenatal care: private polyclinic	
V403	m57n	Antenatal care: private clinic	
V404	m57o	Antenatal care: private dispensary	
V405	m57p	Antenatal care: other private medical sector	
V406	m57q	NA - Antenatal care: CS private medical	
V407	m57r	NA - Antenatal care: CS private medical	
V408	m57na	Antenatal care: NGO hospital	
V409	m57nb	Antenatal care: NGO clinic	
V410	m57nc	Antenatal care: Other NGO medical sector	
V411	m57nd	NA - Antenatal care: CS NGO medical	
V412	m57ne	NA - Antenatal care: CS NGO medical	
V413	m57s	NA - Antenatal care: CS other	
V414	m57t	NA - Antenatal care: CS other	
V415	m57u	NA - Antenatal care: CS other	
V416	m57v	NA - Antenatal care: CS other	
V417	m57x	Antenatal care: other	
V418	m10	Type of mosquito bed net(s) child slept under last night	

total: 59

Data file: REC4A

WOMAN
- Child's health

Cases: 2561

variables: 131

variables

ID	Name	Label	Question
V419	hhid	Case Identification	
V420	caseid	Case identification	
V421	hidxa	Index to birth history	
V422	h11	NA - Had diarrhea recently	
V423	h11b	NA - Blood in the stools	
V424	h12a	NA - Diarrhea: government hospital	
V425	h12b	NA - Diarrhea: CS public sector	
V426	h12c	NA - Diarrhea: CS public sector	
V427	h12d	NA - Diarrhea: CS public sector	
V428	h12e	NA - Diarrhea: CS public sector	
V429	h12f	NA - Diarrhea: CS public sector	
V430	h12g	NA - Diarrhea: CS public sector	
V431	h12h	NA - Diarrhea: CS public sector	
V432	h12i	NA - Diarrhea: CS public sector	
V433	h12j	NA - Diarrhea: private hospital/clinic	
V434	h12k	NA - Diarrhea: private pharmacy	
V435	h12l	NA - Diarrhea: private doctor	
V436	h12m	NA - Diarrhea: CS private medical	
V437	h12n	NA - Diarrhea: CS private medical	
V438	h12o	NA - Diarrhea: CS private medical	
V439	h12p	NA - Diarrhea: CS private medical	
V440	h12q	NA - Diarrhea: CS private medical	
V441	h12r	NA - Diarrhea: CS private medical	
V442	h12na	NA - Diarrhea: NGO hospital	
V443	h12nb	NA - Diarrhea: CS NGO	
V444	h12nc	NA - Diarrhea: CS NGO	
V445	h12nd	NA - Diarrhea: CS NGO	
V446	h12ne	NA - Diarrhea: CS NGO	
V447	h12s	NA - Diarrhea: CS other sector	
V448	h12t	NA - Diarrhea: CS other sector	
V449	h12u	NA - Diarrhea: CS other sector	
V450	h12v	NA - Diarrhea: CS other sector	
V451	h12w	NA - Diarrhea: CS other sector	
V452	h12x	NA - Diarrhea: Other	
V453	h12y	NA - Diarrhea: no treatment	
V454	h12z	NA - Diarrhea: medical treatment	

ID	Name	Label	Question
V455	h13	NA - Given oral rehydration	
V456	h13b	NA - Given pre-packaged ORS liquid	
V457	h14	NA - Given recommended home solution	
V458	h15	NA - Given antibiotic pills or syrups	
V459	h15a	NA - Given antimotility	
V460	h15b	NA - Given antibiotic injection	
V461	h15c	NA - Given intravenous (IV)	
V462	h15d	NA - Given home remedy, herbal medicine	
V463	h15e	NA - Given zinc	
V464	h15f	NA - Given other (not antibiotic, antimotility, zinc)	
V465	h15g	NA - Given unknown pill or syrup	
V466	h15h	NA - Given non-antibiotic injection	
V467	h15i	NA - Given unknown injection	
V468	h15j	NA - Given CS	
V469	h15k	NA - Given CS	
V470	h15l	NA - Given CS	
V471	h15m	NA - Given CS	
V472	h20	NA - Given other treatment	
V473	h21a	NA - Given no treatment	
V474	h21	NA - Received any treatment	
V475	h22	Had fever in last two weeks	
V476	h31	NA - Had cough in last two weeks	
V477	h31b	NA - Short, rapid breaths	
V478	h31c	NA - Problem in the chest or blocked or running nose	
V479	h31d	NA - Had fever/cough in last 2 weeks: amount offered to drink	
V480	h31e	NA - Had fever/cough in last 2 weeks: amount offered to eat	
V481	h32a	Fever/cough: government referral hospital	
V482	h32b	Fever/cough: provincial/district hospital	
V483	h32c	Fever/cough: health center	
V484	h32d	Fever/cough: health post	
V485	h32e	Fever/cough: outreach	
V486	h32f	Fever/cough: other public sector	
V487	h32g	NA - Fever/cough: CS public sector	
V488	h32h	NA - Fever/cough: CS public sector	
V489	h32i	NA - Fever/cough: CS public sector	
V490	h32j	Fever/cough: private polyclinic	
V491	h32k	Fever/cough: private pharmacy	
V492	h32l	NA - Fever/cough: private doctor	
V493	h32m	Fever/cough: private clinic	
V494	h32n	Fever/cough: private dispensary	
V495	h32o	Fever/cough: other private medical sector	
V496	h32p	NA - Fever/cough: CS private medical	
V497	h32q	NA - Fever/cough: CS private medical	
V498	h32r	NA - Fever/cough: CS private medical	
V499	h32na	Fever/cough: NGO hospital	

ID	Name	Label	Question
V500	h32nb	Fever/cough: NGO clinic	
V501	h32nc	Fever/cough: other NGO medical sector	
V502	h32nd	NA - Fever/cough: CS NGO	
V503	h32ne	NA - Fever/cough: CS NGO	
V504	h32s	Fever/cough: kiosk/shop	
V505	h32t	Fever/cough: traditional healer	
V506	h32u	Fever/cough: market	
V507	h32v	Fever/cough: itinerant drug seller	
V508	h32w	Fever/cough: church	
V509	h32x	Fever/cough: other	
V510	h32y	Fever/cough: no treatment	
V511	h32z	Fever/cough: medical treatment	
V512	h34	NA - Vitamin A in last 6 months	
V513	h37a	NA - SP/Fansidar taken for fever	
V514	h37b	NA - Chloroquine taken for fever	
V515	h37c	NA - Amodiaquine taken for fever	
V516	h37d	Quinine taken for fever	
V517	h37da	Quinine injection/IV taken for fever	
V518	h37e	Combination with artemisinin taken for fever	
V519	h37aa	Artesunate rectal taken for fever	
V520	h37ab	Artesunate injection/IV taken for fever	
V521	h37f	NA - CS antimalarial taken for fever	
V522	h37g	NA - CS antimalarial taken for fever	
V523	h37h	Other antimalarial taken for fever	
V524	h37i	Antibiotic pill/syrup taken for fever	
V525	h37j	Antibiotic injection taken for fever	
V526	h37k	Aspirin taken for fever	
V527	h37l	Acetaminophen/paracetamol/panadol taken for fever	
V528	h37m	Ibuprofen taken for fever	
V529	h37n	Amoxicillin taken for fever	
V530	h37o	Cotrimoxazole taken for fever/cough	
V531	h37p	NA - CS other for fever/cough	
V532	h37q	NA - CS other for fever/cough	
V533	h37r	NA - CS other for fever/cough	
V534	h37x	Other taken for fever	
V535	h37y	Nothing taken and didn't seek treatment for fever/cough	
V536	h37z	Don't know if or what was taken for fever	
V537	h38	NA - Diarrhea in last 2 weeks: amount offered to drink	
V538	h39	NA - Diarrhea in last 2 weeks: amount offered to eat	
V539	h42	NA - Last 12 months given iron pills, sprinkles or syrup	
V540	h43	NA - Drugs for intestinal parasites in last 6 months	
V541	h44a	NA - Place first sought treatment for diarrhea	
V542	h46a	Place first sought treatment for fever	
V543	h46b	Number of days after fever began sought advice or treatment	
V544	h47	Blood taken from child's finger/heel for testing	

ID	Name	Label	Question
V545	h70a	NA - Past 3 months health care provider measured child's weight	
V546	h70b	NA - Past 3 months health care provider measured child's length/height	
V547	h70c	NA - Past 3 months health care provider measured child's upper arm	
V548	h71	Was respondent told that child had malaria	
V549	ml20a	Timing of start of combination with artemisinin	

total: 131

Data file: REC45

WOMAN

- Woman's feeding practices and summary variables

Cases: 5131

variables: 15

variables

ID	Name	Label	Question
V550	hhid	Case Identification	
V551	caseid	Case identification	
V552	v417	Entries in pregnancy and postnatal care roster	
V553	v418a	Entries in child health roster	
V554	v419	NA - Entries in height/weight roster	
V555	v447a	NA - Women's age in years (from household questionnaire)	
V556	v452a	NA - Under age 18 (from household questionnaire)	
V557	v452b	NA - Line number of parent/caretaker	
V558	v452c	NA - Read consent statement - hemoglobin	
V559	v453	NA - Hemoglobin level (g/dl - 1 decimal)	
V560	v454	NA - Currently pregnant (from household questionnaire)	
V561	v459	Have mosquito bed net for sleeping (from household questionnaire)	
V562	v460	Children under 5 slept under mosquito bed net last night (household questionnair	
V563	v461	Respondent slept under mosquito bed net	
V564	v468	NA - Record for Last Birth	

total: 15

Data file: REC81

WOMAN

- Characteristics of interview

Cases: 5131

variables: 8

variables

ID	Name	Label	Question
V565	hhid	Case Identification	
V566	caseid	Case identification	
V567	v801	Time interview started (hhmm - 24 hour clock)	
V568	v802	Time interview ended (hhmm - 24 hour clock)	
V569	v803	Length of interview in minutes	
V570	v804	Number of visits	
V571	v805	Interviewer identification	
V572	v806	NA - Keyer identification	

total: 8

Data file: RECSBC

WOMAN

- Social behavior change communication - Malaria

Cases: 5131

variables: 43

variables

ID	Name	Label	Question
V573	hhid	Case Identification	
V574	caseid	Case identification	
V575	ml501	Last six months heard/seen malaria messages	
V576	ml501a	Malaria messages were heard/seen: radio	
V577	ml501b	Malaria messages were heard/seen: television	
V578	ml501c	Malaria messages were heard/seen: poster/billboard	
V579	ml501d	Malaria messages were heard/seen: newspaper/magazine	
V580	ml501e	Malaria messages were heard/seen: leaflet/brochure	
V581	ml501f	Malaria messages were heard/seen: healthcare provider	
V582	ml501g	Malaria messages were heard/seen: community health worker	
V583	ml501h	Malaria messages were heard/seen: social media	
V584	ml501i	NA - Malaria messages were heard/seen: CS	
V585	ml501j	NA - Malaria messages were heard/seen: CS	
V586	ml501k	NA - Malaria messages were heard/seen: CS	
V587	ml501x	Malaria messages were heard/seen: other	
V588	ml501z	Malaria messages were heard/seen: don't remember	
V589	ml503	Are there ways to avoid getting malaria	
V590	ml503a	Malaria can be prevented by: sleep under a mosquito net	
V591	ml503b	Malaria can be prevented by: sleep under an insecticide-treated mosquito net	
V592	ml503c	Malaria can be prevented by: use mosquito repellent	
V593	ml503d	Malaria can be prevented by: take preventive medications	
V594	ml503e	Malaria can be prevented by: spray house with insecticide	
V595	ml503f	Malaria can be prevented by: fill in stagnant waters	
V596	ml503g	Malaria can be prevented by: keep surroundings clean	
V597	ml503h	Malaria can be prevented by: put mosquito screen on windows	
V598	ml503i	NA - Malaria can be prevented by: close doors and windows at night	
V599	ml503j	NA - Malaria can be prevented by: CS	
V600	ml503k	NA - Malaria can be prevented by: CS	
V601	ml503l	NA - Malaria can be prevented by: CS	
V602	ml503m	NA - Malaria can be prevented by: CS	
V603	ml503n	NA - Malaria can be prevented by: CS	
V604	ml503x	Malaria can be prevented by: other	
V605	ml503z	Malaria can be prevented by: don't know	
V606	ml505	Agree/disagree with: people in community get malaria in rainy season	
V607	ml506	Agree/disagree with: when child has fever worry it is malaria	
V608	ml507	Agree/disagree with: getting malaria not a problem as can be treated	

ID	Name	Label	Question
V609	ml508	Agree/disagree with: only weak children can die from malaria	
V610	ml509	Agree/disagree with: sleep under net when there are lots of mosquitoes	
V611	ml510	Agree/disagree with: sleep under net when there are few mosquitoes	
V612	ml511	Agree/disagree with: don't like sleep in a net when is too warm	
V613	ml512	Agree/disagree with: if child has fever good to give medicine available at home	
V614	ml513	Agree/disagree with: people take children to health provider same day develop fe	
V615	ml514	Agree/disagree with: people who have nets usually sleep under every night	

total: 43

Data file: REC91

WOMAN

- Country specific single variables

Cases: 5144

variables: 4

variables

ID	Name	Label	Question
V616	hhid	Case Identification	
V617	caseid	Case identification	
V618	sdistrict	District	
V619	s105	Highest educational level	

total: 4

Data file: REC96

WOMAN

- Country specific child health

Cases: 2561

variables: 4

variables

ID	Name	Label	Question
V620	hhid	Case Identification	
V621	caseid	Case identification	
V622	idx96	Index to Birth History	
V623	s408t	Fever/cough: relative/friend	

total: 4

Data file: FWRECORD

Fieldworker record

Cases: 90

variables: 21

variables

ID	Name	Label	Question
V624	fw101	Fieldworker code	
V625	fw000	Country code and phase	
V626	fw102	Fieldworker region of residence	
V627	fw103	Fieldworker type of place of residence	
V628	fw104	Fieldworker age	
V629	fw105	Fieldworker sex	
V630	fw106	Fieldworker marital status	
V631	fw107	Fieldworker number of living children	
V632	fw108	Fieldworker ever had a child who died	
V633	fw109	Highest level of school attended by fieldworker	
V634	fw110	Highest grade/form/year at that level completed by fieldworker	
V635	fw111	Fieldworker religion	
V636	fw112	Fieldworker ethnicity	
V637	fw113	Languages spoken by fieldworker	
V638	fw114	Fieldworker's mother tongue/native language	
V639	fw115a	Has fieldworker ever worked on a DHS prior to this survey	
V640	fw115b	Has fieldworker ever worked on an MIS prior to this survey	
V641	fw115c	Has fieldworker ever worked on any other survey prior to this survey	
V642	fw116	Was fieldworker working for implementing agency at the time employed for DHS	
V643	fw117	Is fieldworker a permanent or temporary employee of agency	
V644	fw118	Does fieldworker has any comments	

total: 21

HHID: Case Identification**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 9 Format: character

HV008: Date of interview (CMC)**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV000: Country code and phase**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 9 Format: character

HV001: Cluster number**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Continuous Width: 12 Format: Numeric

HV002: Household number**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Continuous Width: 12 Format: Numeric

HV003: Respondent's line number (answering Household questionnaire)**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Incomplete household

HV004: Ultimate area unit

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Continuous Width: 8 Format: Numeric

HV005: Household sample weight (6 decimals)

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Continuous Width: 12 Format: Numeric

HV006: Month of interview

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HV007: Year of interview

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HV008A: Date of interview Century Day Code (CDC)

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

HV009: Number of household members**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV010: Number of eligible women in household**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV011: NA - Number of eligible men in household**Data file: RECH0****Overview**

Valid: 0 Invalid: 5100
Type: Continuous Width: 8 Format: Numeric

HV012: Number of de jure members**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV013: Number of de facto members**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV014: Number of children 5 and under (de jure)**Data file: RECH0**

Overview

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

■ HV015: Result of household interview

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
Type: Discrete Width: 51 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Completed
2	No Household member/no competent member at home
3	Entire Household absent for extended period of time
4	Postponed
5	Refused
6	Dwelling vacant or address not a dwelling
7	Dwelling destroyed
8	Dwelling not found
9	Other

■ HV016: Day of interview

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

■ HV017: Number of visits

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV018: Interviewer identification**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

HV019: NA - Keyer identification**Data file: RECH0****Overview**

Valid: 0 Invalid: 5100
 Type: Continuous Width: 8 Format: Numeric

HV020: Ever-married sample**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
 Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	All woman sample
1	Ever married sample

HV021: Primary sampling unit**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
 Type: Continuous Width: 8 Format: Numeric

HV022: Sample strata for sampling errors**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HV023: Stratification used in sample design**Data file: RECHO****Overview**

Valid: 5100 Invalid: 0
 Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kigali / Nyarugenge, urban
2	Kigali / Nyarugenge, rural
3	Kigali / Gasabo, urban
4	Kigali / Gasabo, rural
5	Kigali / Kicukiro, urban
6	Kigali / Kicukiro, rural
7	South / Nyanza, urban
8	South / Nyanza, rural
9	South / Gisagara, urban
10	South / Gisagara, rural
11	South / Nyaruguru, urban
12	South / Nyaruguru, rural
13	South / Huye, urban
14	South / Huye, rural
15	South / Nyamagabe, urban
16	South / Nyamagabe, rural
17	South / Ruhango, urban
18	South / Ruhango, rural
19	South / Muhanga, urban
20	South / Muhanga, rural
21	South / Kamonyi, urban
22	South / Kamonyi, rural
23	West / Karongi, urban
24	West / Karongi, rural
25	West / Rutsiro, urban
26	West / Rutsiro, rural
27	West / Rubavu, urban
28	West / Rubavu, rural

29	West / Nyabihu, urban
30	West / Nyabihu, rural
31	West / Ngororero, urban
32	West / Ngororero, rural
33	West / Rusizi, urban
34	West / Rusizi, rural
35	West / Nyamasheke, urban
36	West / Nyamasheke, rural
37	North / Rulindo, urban
38	North / Rulindo, rural
39	North / Gakenke, urban
40	North / Gakenke, rural
41	North / Musanze, urban
42	North / Musanze, rural
43	North / Burera, urban
44	North / Burera, rural
45	North / Gicumbi, urban
46	North / Gicumbi, rural
47	East / Rwamagana, urban
48	East / Rwamagana, rural
49	East / Nyagatare, urban
50	East / Nyagatare, rural
51	East / Gatsibo, urban
52	East / Gatsibo, rural
53	East / Kayonza, urban
54	East / Kayonza, rural
55	East / Kirehe, urban
56	East / Kirehe, rural
57	East / Ngoma, urban
58	East / Ngoma, rural
59	East / Bugesera, urban
60	East / Bugesera, rural

HV024: Region

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kigali
2	South
3	West
4	North
5	East

HV025: Type of place of residence

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Urban
2	Rural

HV026: NA - Place of residence

Data file: RECH0

Overview

Valid: 0 Invalid: 5100
 Type: Continuous Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Capital, large city
1	Small city
2	Town
3	Countryside

HV027: NA - Household selected for man's interview**Data file: RECH0****Overview**

Valid: 0 Invalid: 5100

Type: Continuous Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not selected
1	Men's survey
2	Husband's survey

HV028: NA - Household weight for male subsample (6 decimals)**Data file: RECH0****Overview**

Valid: 0 Invalid: 5100

Type: Continuous Width: 12 Format: Numeric

HV030: Field supervisor**Data file: RECH0****Overview**

Valid: 5100 Invalid: 0

Type: Discrete Width: 12 Format: Numeric

HV031: NA - Field editor**Data file: RECH0****Overview**

Valid: 0 Invalid: 5100

Type: Continuous Width: 12 Format: Numeric

HV032: NA - Office editor**Data file: RECH0**

Overview

Valid: 0 Invalid: 5100
 Type: Continuous Width: 8 Format: Numeric

HV035: Number of eligible children for height and weight

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HV040: Cluster altitude in meters

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Continuous Width: 8 Format: Numeric

HV041: Total adults measured

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HV042: NA - Household selected for hemoglobin

Data file: RECH0

Overview

Valid: 0 Invalid: 5100
 Type: Continuous Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not selected
1	Selected

HV045A: Language of questionnaire**Data file: RECH0****Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	English
2	Kinyarwanda

HV045B: Language of interview**Data file: RECH0****Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	English
2	Kinyarwanda
3	Other

HV045C: Native language of respondent**Data file: RECH0****Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	English
2	Kinyarwanda

3	Other
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HV046: Translator used

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV047: Team number

Data file: RECH0

Overview

Valid: 5100 Invalid: 0
Type: Discrete Width: 12 Format: Numeric

HV048: NA - Team supervisor

Data file: RECH0

Overview

Valid: 0 Invalid: 5100
Type: Continuous Width: 12 Format: Numeric

HV801: Time interview started (hhmm - 24 hour clock)

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Continuous Width: 8 Format: Numeric

HV802: Time interview ended (hhmm - 24 hour clock)

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Continuous Width: 8 Format: Numeric

HV803: Length of interview in minutes

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
95	95+
96	2+ visits
97	Inconsistent

HV804: Number of visits for biomarker

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

HV807D: Day of biomarker visit

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

HV807M: Month of biomarker visit

Data file: RECH0

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

HV807Y: Year of biomarker visit**Data file: RECH0****Overview**

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

HV807C: Date of biomarker (CMC)**Data file: RECH0****Overview**

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

HV807A: Date of biomarker Century Day Code (CDC)**Data file: RECH0****Overview**

Valid: 5098 Invalid: 2
Type: Discrete Width: 12 Format: Numeric

HHID: Case Identification**Data file: RECH1****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 9 Format: character

HVIDX: Line number**Data file: RECH1****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HV101: Relationship to head**Data file: RECH1****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Head
2	Wife or husband
3	Son/daughter
4	Son/daughter-in-law
5	Grandchild
6	Parent
7	Parent-in-law
8	Brother/sister
9	Co-spouse
10	Other relative
11	Adopted/foster child
12	Not related
13	Niece/nephew by blood
14	Niece/nephew by marriage
98	Don't know

HV102: Usual resident**Data file: RECH1****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV103: Stayed last night**Data file: RECH1****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV104: Sex of household member**Data file: RECH1****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male

2	Female
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HV105: Age of household members

Data file: RECH1

Overview

Valid: 19038 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
95	95+
98	Don't know

HV115: Current marital status

Data file: RECH1

Overview

Valid: 11592 Invalid: 7446
Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Never married
1	Married
2	Living together
3	Widowed
4	Divorced
5	Not living together

HV116: Currently, formerly, never married

Data file: RECH1

Overview

Valid: 11592 Invalid: 7446
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Never married
1	Currently married
2	Formerly/ever married

HV117: Eligibility for female interview

Data file: RECH1

Overview

Valid: 19038 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not eligible
1	Eligible

HV120: Children eligibility for malaria

Data file: RECH1

Overview

Valid: 19038 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not eligible
1	Eligible

HHID: Case Identification**Data file: RECH2****Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 9 Format: character

HV201: Source of drinking water**Data file: RECH2****Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 52 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	PIPED WATER
11	Piped into dwelling
12	Piped to yard/plot
13	Piped to neighbor
14	Public tap/standpipe
20	TUBE WELL WATER
21	Tube well or borehole
30	DUG WELL (OPEN/PROTECTED)
31	Protected well
32	Unprotected well
40	SURFACE FROM SPRING
41	Protected spring
42	Unprotected spring
43	River/dam/lake/ponds/stream/canal/irrigation channel
51	Rainwater
61	Tanker truck
62	Cart with small tank
71	Bottled water
96	Other

HV202: Source of non-drinking water**Data file: RECH2**

Overview

Valid: 183 Invalid: 4915
 Type: Discrete Width: 52 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	PIPED WATER
11	Piped into dwelling
12	Piped to yard/plot
13	Piped to neighbor
14	Public tap/standpipe
20	TUBE WELL WATER
21	Tube well or borehole
30	DUG WELL (OPEN/PROTECTED)
31	Protected well
32	Unprotected well
40	SURFACE FROM SPRING
41	Protected spring
42	Unprotected spring
43	River/dam/lake/ponds/stream/canal/irrigation channel
51	Rainwater
61	Tanker truck
62	Cart with small tank
71	Bottled water
96	Other

HV201A: NA - Water not available for at least a day last two weeks

Data file: RECH2

Overview

Valid: 0 Invalid: 5098
 Type: Continuous Width: 39 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No, not interrupted for a full day

1	Yes, interrupted for a full day or more
8	Don't know

HV201B: NA - Water for drinking not sufficient in the last month

Data file: RECH2

Overview

Valid: 0 Invalid: 5098

Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

HV204: Time to get to water source (minutes)

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
996	On premises
998	Don't know

HV205: Type of toilet facility

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 37 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	FLUSH TOILET
11	Flush to piped sewer system
12	Flush to septic tank
13	Flush to pit latrine
14	Flush to somewhere else
15	Flush, don't know where
20	PIT TOILET LATRINE
21	Ventilated Improved Pit latrine (VIP)
22	Pit latrine with slab
23	Pit latrine without slab/open pit
30	NO FACILITY
31	No facility/bush/field
41	Composting toilet
42	Bucket toilet
43	Hanging toilet/latrine
96	Other

HV206: Has electricity

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV207: Has radio

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV208: Has television

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV209: Has refrigerator

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV210: Has bicycle**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV211: Has motorcycle/scooter**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV212: Has car/truck**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV213: Main floor material**Data file: RECH2****Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	NATURAL
11	Earth/sand
12	Dung
20	RUDIMENTARY
21	Wood planks
22	Palm/bamboo
30	FINISHED
31	Parquet or polished wood
32	Vinyl or asphalt strips
33	Ceramic tiles
34	Cement
35	Carpet
96	Other

HV214: Main wall material**Data file: RECH2****Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	NATURAL
11	No walls
12	Cane/palm/trunks

13	Dirt
20	RUDIMENTARY
21	Bamboo with mud
22	Stone with mud
23	Uncovered adobe
24	Plywood
25	Cardboard
26	Reused wood
30	FINISHED
31	Cement
32	Stone with lime/cement
33	Bricks
34	Cement blocks
35	Covered adobe
36	Wood planks/shingles
96	Other

HV215: Main roof material

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	NATURAL
11	No roof
12	Thatch/palm leaf
13	Sod
20	RUDIMENTARY
21	Rustic mat
22	Palm/bamboo
23	Wood planks
24	Cardboard
30	FINISHED
31	Metal

32	Wood
33	Calamine/cement fiber
34	Ceramic tiles
35	Cement
36	Roofing shingles
96	Other

HV216: Number of rooms used for sleeping

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV217: Relationship structure

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No adults
1	One adult
2	Two adults, opposite sex
3	Two adults, same sex
4	Three+ related adults
5	Unrelated adults

HV218: Line number of head of household

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HV219: Sex of head of household**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male
2	Female

HV220: Age of head of household**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
97	97+
98	Don't know

HV221: Has telephone (land-line)**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV222: Type of cookstove**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 47 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Electric stove
2	Solar cooker
3	Liquefied petroleum gas (LPG)/cooking gas stove
4	Piped natural gas stove
5	Biogas stove
6	Liquid fuel stove
7	Manufactured solid fuel stove
8	Traditional solid fuel stove
9	Three stone stove/open fire
95	No food cooked in household
96	Other

HV223: Type of cooking fuel**Data file:** RECH2**Overview**

Valid: 4875 Invalid: 223
 Type: Discrete Width: 40 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Alcohol/ethanol
2	Gasoline/diesel
3	Kerosene/paraffin
4	Coal/lignite
5	Charcoal

6	Wood
7	Straw/shrubs/grass
8	Agricultural crop
9	Animal dung/waste
10	Processed biomass (pellets) or woodchips
11	Garbage/plastic
12	Sawdust
96	Other

HV225: Share toilet with other households

Data file: RECH2

Overview

Valid: 5029 Invalid: 69

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV226: Type of cooking fuel

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 41 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Electricity
2	Solar energy
3	Liquefied petroleum gas (LPG)/cooking gas
4	Piped natural gas
5	Biogas
6	Alcohol/ethanol

7	Gasoline/diesel
8	Kerosene/paraffin
9	Coal/lignite
10	Charcoal
11	Wood
12	Straw/shrubs/grass
13	Agricultural crop
14	Animal dung/waste
15	Processed biomass (pellets) or woodchips
16	Garbage/plastic
17	Sawdust
95	No food cooked in house
96	Other

HV227: Has mosquito bed net for sleeping

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV228: Children under 5 slept under mosquito bed net last night

Data file: RECH2

Overview

Valid: 2200 Invalid: 2898

Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	All children
2	Some children
3	No net in household

HV235: Location of source for water

Data file: RECH2

Overview

Valid: 3955 Invalid: 1143

Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	In own dwelling
2	In own yard/plot
3	Elsewhere

HV243D: Has boat with a motor

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV243E: Has a computer

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV244: Owns land usable for agriculture

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV245: Hectares of agricultural land (1 decimal)

Data file: RECH2

Overview

Valid: 2511 Invalid: 2587
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
950	95 or more
998	Unknown

HV246: Owns livestock, herds or farm animals

Data file: RECH2

Overview

Valid: 5098 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV238: Number of households sharing toilet

Data file: RECH2

Overview

Valid: 1148 Invalid: 3950

Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
95	10 or more households
98	Don't know

HV238A: Location of toilet facility

Data file: RECH2

Overview

Valid: 5029 Invalid: 69

Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	In own dwelling
2	In own yard/plot
3	Elsewhere

HV243A: Has mobile telephone

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV243B: Has watch

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV243C: Has animal-drawn cart

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV246A: Owns cattle**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246B: Owns cows/ bulls**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246C: Owns horses/ donkeys/ mules**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None

95	95 or more
98	Unknown

HV246D: Owns goats

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246E: Owns sheep

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246F: Owns chickens/poultry

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246G: Owns bulls

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246H: Owns pigs

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246I: Owns rabbits**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246J: NA - Owns CS**Data file:** RECH2**Overview**

Valid: 0 Invalid: 5098
 Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None
95	95 or more
98	Unknown

HV246K: NA - Owns CS**Data file:** RECH2**Overview**

Valid: 0 Invalid: 5098
 Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	None

95	95 or more
98	Unknown

HV247: Has bank account

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV263: Mobile phone used financial transactions

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HV270: Wealth index combined

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Poorest
2	Poorer
3	Middle
4	Richer
5	Richest

HV271: Wealth index factor score combined (5 decimals)

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Continuous Width: 12 Format: Numeric

HV270A: Wealth index for urban/rural

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Poorest
2	Poorer
3	Middle
4	Richer
5	Richest

HV271A: Wealth index factor score for urban/rural (5 decimals)

Data file: RECH2

Overview

Valid: 5098 Invalid: 0
Type: Continuous Width: 12 Format: Numeric

HML1: Number of mosquito bed nets**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
98	Don't know

HML1A: Number of mosquito bed nets with specific information**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HML2: Number of children under mosquito bed net previous night**Data file:** RECH2**Overview**

Valid: 5098 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HHID: Case Identification**Data file: RECH3****Overview**

Valid: 5100 Invalid: 0
 Type: Discrete Width: 9 Format: character

SHDISTRICT: District**Data file: RECH3****Overview**

Valid: 5100 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
11	Nyarugenge
12	Gasabo
13	Kicukiro
21	Nyanza
22	Gisagara
23	Nyaruguru
24	Huye
25	Nyamagabe
26	Ruhango
27	Muhanga
28	Kamonyi
31	Karongi
32	Rutsiro
33	Rubavu
34	Nyabihu
35	Ngororero
36	Rusizi
37	Nyamasheke
41	Rulindo
42	Gakenke
43	Musanze
44	Burera
45	Gicumbi

51	Rwamagana
52	Nyagatare
53	Gatsibo
54	Kayonza
55	Kirehe
56	Ngoma
57	Bugesera

SH116G: Has mattress

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116H: Has bench or at least 3 chairs

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116I: Has bed

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116J: Has table

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116K: Has sofa

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116L: Has traditional improved stove**Data file: RECH3****Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116M: Has stove**Data file: RECH3****Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116N: Has cupboard**Data file: RECH3****Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116O: Has dining table**Data file:** RECH3**Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116P: Has iron machine**Data file:** RECH3**Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH116Q: Has laundry machine**Data file:** RECH3**Overview**

Valid: 5098 Invalid: 2
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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SH116R: Has satellite dish

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH117H: Has boat without a motor

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

SH117I: Has camera

Data file: RECH3

Overview

Valid: 5098 Invalid: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
-------	----------

0	No
1	Yes

HHID: Case Identification**Data file: RECH4****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 9 Format: character

IDXH4: Index to Household Schedule**Data file: RECH4****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

SH09: Eligibility for children 0-14 years for malaria testing**Data file: RECH4****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not eligible

SH10: Adult 15+ years eligibility for malaria testing**Data file: RECH4****Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not eligible

HHID: Case Identification**Data file:** RECHML**Overview**

Valid: 6825 Invalid: 0
 Type: Discrete Width: 9 Format: character

HMLIDX: Mosquito Bed Net Designation Number**Data file:** RECHML**Overview**

Valid: 6825 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HML3: Net observed by interviewer**Data file:** RECHML**Overview**

Valid: 6825 Invalid: 0
 Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not seen
1	Yes, seen

HML4: Months ago net obtained**Data file:** RECHML**Overview**

Valid: 6825 Invalid: 0
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
96	More than 3 years ago
98	Don't know

HML5: NA - Net treated with insecticide when bought**Data file: RECHML****Overview**

Valid: 0 Invalid: 6825

Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

HML6: NA - Net treatment status**Data file: RECHML****Overview**

Valid: 0 Invalid: 6825

Type: Continuous Width: 49 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not pretreated
1	Pretreated, permanent treatment
2	Pretreated, requiring future treatment
3	Not pretreated, came with kit and treated at home
4	Pretreated, treatment type not known
6	Other
8	Don't know

HML7: Brand of net**Data file: RECHML****Overview**

Valid: 6825 Invalid: 0

Type: Discrete Width: 44 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	Long-lasting insecticide treated nets (LLIN)
11	YAHE
12	PERMANET 3.0
13	OLUSET PLUS
14	INTERCEPTOR G2 (IG2)
16	Other/Don't know brand (LLIN)
96	Other brand
98	DK brand

HML8: NA - Net treated since received

Data file: RECHML

Overview

Valid: 0 Invalid: 6825

Type: Continuous Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
2	Permanent/LLIN net
8	Not sure

HML9: NA - Time since last re-treatment (months)

Data file: RECHML

Overview

Valid: 0 Invalid: 6825

Type: Continuous Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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95	25+ months ago
96	More than 3 years ago
98	Don't know

HML10: Insecticide-Treated Net (ITN)

Data file: RECHML

Overview

Valid: 6825 Invalid: 0
Type: Discrete Width: 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No, don't know
1	Yes

HML11: Number of persons who slept under this net

Data file: RECHML

Overview

Valid: 6825 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
5	5+

HML21: Someone slept under this net last night

Data file: RECHML

Overview

Valid: 6825 Invalid: 0
Type: Discrete Width: 13 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Not sure (DK)

HMLA: Line number of person who slept in this net

Data file: RECHML

Overview

Valid: 5293 Invalid: 1532
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No one

HMLB: Line number of person who slept in this net

Data file: RECHML

Overview

Valid: 3564 Invalid: 3261
Type: Discrete Width: 8 Format: Numeric

HMLC: Line number of person who slept in this net

Data file: RECHML

Overview

Valid: 1264 Invalid: 5561
Type: Discrete Width: 8 Format: Numeric

HMLD: Line number of person who slept in this net

Data file: RECHML

Overview

Valid: 119 Invalid: 6706
Type: Discrete Width: 8 Format: Numeric

HMLE: NA - Line number of person who slept in this net**Data file:** RECHML**Overview**

Valid: 0 Invalid: 6825
 Type: Continuous Width: 8 Format: Numeric

HML22: Obtained net from campaign, antenatal or immunization visit**Data file:** RECHML**Overview**

Valid: 6825 Invalid: 0
 Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes, campaign
2	Yes, antenatal care
3	Yes, immunization visit

HML23: Place where net was obtained**Data file:** RECHML**Overview**

Valid: 450 Invalid: 6375
 Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	Government health facility
20	Private health facility
30	Other sources
31	Pharmacy
32	Shop/market
33	CHW
34	Religious institution

35	School
96	Other
98	Don't know

HML24: Reason net was not used

Data file: RECHML

Overview

Valid: 1531 Invalid: 5294

Type: Discrete Width: 39 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Too hot
2	Don't like net shape/color/size
3	Don't like smell
4	Unable to hang net
5	Slept outdoors
6	Usual user didn't sleep here last night
7	No Mosquitoes/no malaria
8	Extra net/saving for later
9	Don't like polyester fiber
10	Don't like polyethylene fiber
11	Bugs in net
96	Other

HHID: Case Identification**Data file:** RECHMH**Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 9 Format: character

HMHIDX: Index to Household Schedule**Data file:** RECHMH**Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

HML12: Type of Mosquito Bed Net(s) person slept under last night**Data file:** RECHMH**Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 37 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Did not sleep under a net
1	Only treated (ITN) nets
2	Both treated (ITN) and untreated nets
3	Only untreated nets

HML13: Net Designation Number (HMLIDX) for 1st net person slept under last night**Data file:** RECHMH**Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Did not sleep under net

HML14: Net Designation Number (HMLIDX) for 2nd net person slept under last night**Data file:** RECHMH**Overview**

Valid: 76 Invalid: 18962
 Type: Discrete Width: 8 Format: Numeric

HML15: NA - Net Designation Number (HMLIDX) for 3rd net person slept under last night**Data file:** RECHMH**Overview**

Valid: 0 Invalid: 19038
 Type: Continuous Width: 8 Format: Numeric

HML16: Corrected age from Individual file**Data file:** RECHMH**Overview**

Valid: 19038 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
97	97+
98	Don't know

HML16A: Age in months (for children)**Data file:** RECHMH**Overview**

Valid: 2931 Invalid: 16107
 Type: Discrete Width: 8 Format: Numeric

HML17: Flag for age from Individual file**Data file:** RECHMH

Overview

Valid: 19038 Invalid: 0
 Type: Discrete Width: 37 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No data from Individual file
1	Month and year - information complete
2	Month and age - year imputed
3	Year and age - month imputed
4	Year and age - year ignored
5	Year - age/month imputed
6	Age - year/month imputed
7	Month - age/year imputed
8	None - all imputed

HML18: Pregnancy status from Individual file

Data file: RECHMH

Overview

Valid: 5140 Invalid: 13898
 Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not pregnant, don't know
1	Pregnant

HML19: Person slept under an ever-treated net

Data file: RECHMH

Overview

Valid: 19038 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML20: Person slept under an LLIN net

Data file: RECHMH

Overview

Valid: 19038 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML30: Line number of parent/caretaker (for malaria testing)

Data file: RECHMH

Overview

Valid: 8452 Invalid: 10586
Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not in household

HML31: Read consent statement for malaria

Data file: RECHMH

Overview

Valid: 18793 Invalid: 245
Type: Discrete Width: 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Granted
2	Parent/other responsible refused
3	Respondent refused
4	Adult/parent not present
5	Minor not present

HML32: Final result of malaria from blood smear test

Data file: RECHMH

Overview

Valid: 18793 Invalid: 245
 Type: Discrete Width: 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Negative
1	Positive
6	Test undetermined
7	Sample not found in lab database

HML32A: Presence of species: falciparum (Pf)

Data file: RECHMH

Overview

Valid: 18674 Invalid: 364
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML32B: Presence of species: malariae (Pm)**Data file:** RECHMH**Overview**

Valid: 18674 Invalid: 364
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML32C: Presence of species: ovale (Po)**Data file:** RECHMH**Overview**

Valid: 18674 Invalid: 364
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML32D: Presence of species: vivax (Pv)**Data file:** RECHMH**Overview**

Valid: 18674 Invalid: 364
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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HML32E: NA - Presence of species: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038

Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML32F: NA - Presence of species: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038

Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML32G: NA - Presence of species: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038

Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

HML33: Result of malaria measurement

Data file: RECHMH

Overview

Valid: 18793 Invalid: 245
Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Measured
3	Not present
4	Refused
6	Other

HML34: Bar code for blood smear sample

Data file: RECHMH

Overview

Valid: 18793 Invalid: 245
Type: Discrete Width: 9 Format: character

HML35: Result of malaria rapid test

Data file: RECHMH

Overview

Valid: 18793 Invalid: 245
Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Negative
1	Positive
3	Not present

4	Refused
6	Other

HML36: Fieldworker measurer code for malaria

Data file: RECHMH

Overview

Valid: 18786 Invalid: 252
Type: Discrete Width: 12 Format: Numeric

HML37A: Suffer from illness/symptom: extreme weakness

Data file: RECHMH

Overview

Valid: 82 Invalid: 18956
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37B: Suffer from illness/symptom: heart problems

Data file: RECHMH

Overview

Valid: 82 Invalid: 18956
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37C: Suffer from illness/symptom: loss of consciousness**Data file:** RECHMH**Overview**

Valid: 82 Invalid: 18956

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37D: Suffer from illness/symptom: rapid or difficult breathing**Data file:** RECHMH**Overview**

Valid: 82 Invalid: 18956

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37E: Suffer from illness/symptom: seizures**Data file:** RECHMH**Overview**

Valid: 82 Invalid: 18956

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37F: Suffer from illness/symptom: abnormal bleeding**Data file:** RECHMH**Overview**

Valid: 82 Invalid: 18956

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37G: Suffer from illness/symptom: jaundice or yellow skin**Data file:** RECHMH**Overview**

Valid: 82 Invalid: 18956

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37H: Suffer from illness/symptom: dark urine**Data file:** RECHMH**Overview**

Valid: 82 Invalid: 18956

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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HML37I: NA - Suffer from illness/symptom: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038
Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37J: NA - Suffer from illness/symptom: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038
Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37K: NA - Suffer from illness/symptom: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038
Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
-------	----------

0	No
1	Yes

HML37L: NA - Suffer from illness/symptom: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038

Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML37M: NA - Suffer from illness/symptom: CS

Data file: RECHMH

Overview

Valid: 0 Invalid: 19038

Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML38: Child taken or taking first line medicine given by health provider for malaria

Data file: RECHMH

Overview

Valid: 75 Invalid: 18963

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

HML39: Parent accept first line medicine to treat malaria

Data file: RECHMH

Overview

Valid: 56 Invalid: 18982
 Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Refused medicine
1	Accepted medicine
6	Other

HML40: Fieldworker provided first line medicine for malaria

Data file: RECHMH

Overview

Valid: 55 Invalid: 18983
 Type: Discrete Width: 12 Format: Numeric

SB128D: Day tested for malaria - children

Data file: RECHMH

Overview

Valid: 7201 Invalid: 11837
 Type: Discrete Width: 8 Format: Numeric

SB128M: Month tested for malaria - children

Data file: RECHMH

Overview

Valid: 7201 Invalid: 11837
 Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
10	October
11	November
12	December

SB128Y: Year tested for malaria - children

Data file: RECHMH

Overview

Valid: 7201 Invalid: 11837

Type: Discrete Width: 8 Format: Numeric

SB211D: Day tested for malaria - adults

Data file: RECHMH

Overview

Valid: 11592 Invalid: 7446

Type: Discrete Width: 8 Format: Numeric

SB211M: Month tested for malaria - adults

Data file: RECHMH

Overview

Valid: 11592 Invalid: 7446

Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
10	October
11	November
12	December

SB211Y: Year tested for malaria - adults

Data file: RECHMH

Overview

Valid: 11592 Invalid: 7446
 Type: Discrete Width: 8 Format: Numeric

HHID: Case Identification**Data file: REC01****Overview**

Valid: 5144 Invalid: 0
 Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file: REC01****Overview**

Valid: 5144 Invalid: 0
 Type: Continuous Width: 10 Format: character

V000: Country code and phase**Data file: REC01****Overview**

Valid: 5144 Invalid: 0
 Type: Continuous Width: 9 Format: character

V001: Cluster number**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 170 Mean: 85.4449844479 Standard deviation:
 49.424965628877
 Type: Continuous Width: 12 Format: Numeric

V002: Household number**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 239 Mean: 71.144245723173 Standard deviation:
 44.749304863449
 Type: Continuous Width: 12 Format: Numeric

V003: Respondent's line number**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 13 Mean: 2.3429237947123 Standard deviation:

1.2491554546255
Type: Discrete Width: 8 Format: Numeric

V004: Ultimate area unit

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 170 Mean: 85.4449844479 Standard deviation:
49.424965628877
Type: Continuous Width: 8 Format: Numeric

V005: Women's individual sample weight (6 decimals)

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 0 Maximum: 2763086 Mean: 997472.78926905 Standard deviation:
388660.30262588
Type: Continuous Width: 12 Format: Numeric

V006: Month of interview

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 10 Maximum: 12 Mean: 11.198094867807 Standard deviation:
0.72631990517125
Type: Discrete Width: 8 Format: Numeric

V007: Year of interview

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 2023 Maximum: 2023 Mean: 2023 Standard deviation: 0
Type: Discrete Width: 8 Format: Numeric

V008: Date of interview (CMC)

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1486 Maximum: 1488 Mean: 1487.1980948678 Standard deviation:
0.72631990517125
Type: Discrete Width: 8 Format: Numeric

V008A: Date of interview Century Day Code (CDC)**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 45216 Maximum: 45290 Mean: 45252.198872473 Standard deviation:
21.191934902037
Type: Discrete Width: 12 Format: Numeric

V009: Respondent's month of birth**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 1 Maximum: 12 Mean: 4.3660105242643 Standard deviation:
3.5964199286517
Type: Discrete Width: 8 Format: Numeric

V010: Respondent's year of birth**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 1973 Maximum: 2008 Mean: 1993.5585655818 Standard deviation:
9.8454049309276
Type: Discrete Width: 8 Format: Numeric

V011: Date of birth (CMC)**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 887 Maximum: 1308 Mean: 1127.0687975054 Standard deviation:
118.96462913521
Type: Continuous Width: 8 Format: Numeric

V012: Respondent's current age**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 15 Maximum: 49 Mean: 29.413174819723 Standard deviation:
9.8507187909453
Type: Discrete Width: 8 Format: Numeric

V013: Age in 5-year groups**Data file: REC01**

Overview

Valid: 5131 Invalid: 13 Minimum: 1 Maximum: 7 Mean: 3.4997076593257 Standard deviation:
1.9478958288713
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	15-19	1066	20.8%
2	20-24	892	17.4%
3	25-29	743	14.5%
4	30-34	690	13.4%
5	35-39	747	14.6%
6	40-44	568	11.1%
7	45-49	425	8.3%

V014: Completeness of age information

Data file: REC01

Overview

Valid: 5131 Invalid: 13 Minimum: 1 Maximum: 3 Mean: 1.0163710777626 Standard deviation:
0.18022339909261
Type: Discrete Width: 37 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Month and year - information complete	5089	99.2%
2	Month and age - year imputed	0	
3	Year and age - month imputed	42	0.8%
4	Year and age - year ignored	0	
5	Year - age/month imputed	0	
6	Age - year/month imputed	0	
7	Month - age/year imputed	0	
8	None - all imputed	0	

V015: Result of individual interview

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 6 Mean: 1.0075816485226 Standard deviation:
0.16063281170396
Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Completed	5131	99.7%
2	Not at home	2	0%
3	Postponed	0	
4	Refused	9	0.2%
5	Partially completed	0	
6	Respondent incapacitated	2	0%
7	Other	0	

V016: Day of interview

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 31 Mean: 16.44031881804 Standard deviation:
8.742716508373
Type: Discrete Width: 8 Format: Numeric

V021: Primary sampling unit

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 170 Mean: 85.4449844479 Standard deviation:
49.424965628877
Type: Continuous Width: 8 Format: Numeric

V022: Sample strata for sampling errors

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 60 Mean: 28.60400466563 Standard deviation:
18.403456661506
Type: Discrete Width: 8 Format: Numeric

V023: Stratification used in sample design**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 60 Mean: 28.60400466563 Standard deviation: 18.403456661506

Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali / Nyarugenge, urban	250	4.9%
2	Kigali / Nyarugenge, rural	58	1.1%
3	Kigali / Gasabo, urban	274	5.3%
4	Kigali / Gasabo, rural	50	1%
5	Kigali / Kicukiro, urban	309	6%
6	Kigali / Kicukiro, rural	23	0.4%
7	South / Nyanza, urban	32	0.6%
8	South / Nyanza, rural	95	1.8%
9	South / Gisagara, urban	28	0.5%
10	South / Gisagara, rural	110	2.1%
11	South / Nyaruguru, urban	33	0.6%
12	South / Nyaruguru, rural	124	2.4%
13	South / Huye, urban	30	0.6%
14	South / Huye, rural	104	2%
15	South / Nyamagabe, urban	39	0.8%
16	South / Nyamagabe, rural	115	2.2%
17	South / Ruhango, urban	31	0.6%
18	South / Ruhango, rural	103	2%
19	South / Muhanga, urban	27	0.5%
20	South / Muhanga, rural	97	1.9%
21	South / Kamonyi, urban	28	0.5%
22	South / Kamonyi, rural	118	2.3%
23	West / Karongi, urban	44	0.9%
24	West / Karongi, rural	134	2.6%
25	West / Rutsiro, urban	33	0.6%
26	West / Rutsiro, rural	130	2.5%
27	West / Rubavu, urban	103	2%
28	West / Rubavu, rural	60	1.2%
29	West / Nyabihu, urban	32	0.6%

30	West / Nyabihu, rural	124	2.4%
31	West / Ngororero, urban	27	0.5%
32	West / Ngororero, rural	120	2.3%
33	West / Rusizi, urban	26	0.5%
34	West / Rusizi, rural	104	2%
35	West / Nyamasheke, urban	25	0.5%
36	West / Nyamasheke, rural	118	2.3%
37	North / Rulindo, urban	26	0.5%
38	North / Rulindo, rural	123	2.4%
39	North / Gakenke, urban	32	0.6%
40	North / Gakenke, rural	170	3.3%
41	North / Musanze, urban	75	1.5%
42	North / Musanze, rural	136	2.6%
43	North / Burera, urban	31	0.6%
44	North / Burera, rural	155	3%
45	North / Gicumbi, urban	26	0.5%
46	North / Gicumbi, rural	154	3%
47	East / Rwamagana, urban	32	0.6%
48	East / Rwamagana, rural	103	2%
49	East / Nyagatare, urban	32	0.6%
50	East / Nyagatare, rural	122	2.4%
51	East / Gatsibo, urban	38	0.7%
52	East / Gatsibo, rural	122	2.4%
53	East / Kayonza, urban	32	0.6%
54	East / Kayonza, rural	127	2.5%
55	East / Kirehe, urban	28	0.5%
56	East / Kirehe, rural	117	2.3%
57	East / Ngoma, urban	34	0.7%
58	East / Ngoma, rural	114	2.2%
59	East / Bugesera, urban	36	0.7%
60	East / Bugesera, rural	121	2.4%

V024: Region

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 5 Mean: 3.0003888024883 Standard deviation:
1.4034483809671
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Kigali	964	18.7%
2	South	1114	21.7%
3	West	1080	21%
4	North	928	18%
5	East	1058	20.6%

V025: Type of place of residence

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 2 Mean: 1.6514385692068 Standard deviation: 0.4765611296805

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Urban	1793	34.9%
2	Rural	3351	65.1%

V026: NA - De facto place of residence

Data file: REC01

Overview

Valid: 0 Invalid: 5144

Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Capital, large city
1	Small city
2	Town
3	Countryside

V027: Number of visits**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 5 Mean: 1.0730948678072 Standard deviation:
0.53581006210506
Type: Discrete Width: 8 Format: Numeric

V028: Interviewer identification**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 102 Maximum: 1503 Mean: 803.92262830482 Standard deviation:
428.08571977334
Type: Discrete Width: 12 Format: Numeric

V029: NA - Keyer identification**Data file: REC01****Overview**

Valid: 0 Invalid: 5144
Type: Continuous Width: 8 Format: Numeric

V030: Field supervisor**Data file: REC01****Overview**

Valid: 5144 Invalid: 0 Minimum: 100 Maximum: 1500 Mean: 801.43856920684 Standard deviation:
428.08949679223
Type: Discrete Width: 12 Format: Numeric

V031: NA - Field editor**Data file: REC01****Overview**

Valid: 0 Invalid: 5144
Type: Continuous Width: 12 Format: Numeric

V032: NA - Office editor**Data file: REC01**

Overview

Valid: 0 Invalid: 5144
 Type: Continuous Width: 8 Format: Numeric

V034: NA - Line number of husband

Data file: REC01

Overview

Valid: 0 Invalid: 5144
 Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Husband not in household

V040: Cluster altitude in meters

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 970 Maximum: 2761 Mean: 1717.4199066874 Standard deviation: 307.37102073998
 Type: Continuous Width: 8 Format: Numeric

V042: NA - Household selected for hemoglobin

Data file: REC01

Overview

Valid: 0 Invalid: 5144
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not selected
1	Selected

V045A: Language of questionnaire**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	English	5131	100%
2	Kinyarwanda	0	

V045B: Language of interview**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 1 Maximum: 3 Mean: 1.9998051062171 Standard deviation:
 0.031218918597621
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	English	3	0.1%
2	Kinyarwanda	5126	99.9%
3	Other	2	0%

V045C: Native language of respondent**Data file: REC01****Overview**

Valid: 5131 Invalid: 13 Minimum: 1 Maximum: 3 Mean: 2.0003897875658 Standard deviation:
 0.03419705658842
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	English	2	0%
2	Kinyarwanda	5125	99.9%
3	Other	4	0.1%

V046: Translator used

Data file: REC01

Overview

Valid: 5131 Invalid: 13 Minimum: 0 Maximum: 1 Mean: 0.0099395829273046 Standard deviation: 0.099210412259615

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	5080	99%
1	Yes	51	1%

V047: Team number

Data file: REC01

Overview

Valid: 5144 Invalid: 0 Minimum: 1 Maximum: 15 Mean: 8.0143856920684 Standard deviation: 4.2808949679223

Type: Discrete Width: 12 Format: Numeric

V048: NA - Team supervisor

Data file: REC01

Overview

Valid: 0 Invalid: 5144

Type: Continuous Width: 12 Format: Numeric

HHID: Case Identification**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Continuous Width: 10 Format: character

V101: Region**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kigali
2	South
3	West
4	North
5	East

V102: Type of place of residence**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	Urban
2	Rural

V106: Highest educational level

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No education
1	Primary
2	Secondary
3	Higher

V107: Highest year of education

Data file: REC11

Overview

Valid: 4718 Invalid: 413
Type: Discrete Width: 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No years completed at level V106

V113: Source of drinking water

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 52 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	PIPED WATER
11	Piped into dwelling
12	Piped to yard/plot
13	Piped to neighbor
14	Public tap/standpipe
20	TUBE WELL WATER
21	Tube well or borehole
30	DUG WELL (OPEN/PROTECTED)
31	Protected well
32	Unprotected well
40	SURFACE FROM SPRING
41	Protected spring
42	Unprotected spring
43	River/dam/lake/ponds/stream/canal/irrigation channel
51	Rainwater
61	Tanker truck
62	Cart with small tank
71	Bottled water
96	Other
97	Not a de jure resident

V115: Time to get to water source

Data file: REC11

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
996	On premises
997	Not a de jure resident
998	Don't know

V116: Type of toilet facility**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 37 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	FLUSH TOILET
11	Flush to piped sewer system
12	Flush to septic tank
13	Flush to pit latrine
14	Flush to somewhere else
15	Flush, don't know where
20	PIT TOILET LATRINE
21	Ventilated Improved Pit latrine (VIP)
22	Pit latrine with slab
23	Pit latrine without slab/open pit
30	NO FACILITY
31	No facility/bush/field
41	Composting toilet
42	Bucket toilet
43	Hanging toilet/latrine
96	Other
97	Not a de jure resident

V119: Household has: electricity**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a de jure resident

V120: Household has: radio

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a de jure resident

V121: Household has: television

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a de jure resident

V122: Household has: refrigerator

Data file: REC11

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a dejure resident

V123: Household has: bicycle

Data file: REC11

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a dejure resident

V124: Household has: motorcycle/scooter

Data file: REC11

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a dejure resident

V125: Household has: car/truck**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a de jure resident

V127: Main floor material**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	NATURAL
11	Earth/sand
12	Dung
20	RUDIMENTARY
21	Wood planks
22	Palm/bamboo
30	FINISHED
31	Parquet or polished wood
32	Vinyl or asphalt strips
33	Ceramic tiles
34	Cement
35	Carpet
96	Other
97	Not a de jure resident

V128: Main wall material**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	NATURAL
11	No walls
12	Cane/palm/trunks
13	Dirt
20	RUDIMENTARY
21	Bamboo with mud
22	Stone with mud
23	Uncovered adobe
24	Plywood
25	Cardboard
26	Reused wood
30	FINISHED
31	Cement
32	Stone with lime/cement
33	Bricks
34	Cement blocks
35	Covered adobe
36	Wood planks/shingles
96	Other
97	Not a dejure resident

V129: Main roof material**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	NATURAL
11	No roof
12	Thatch/palm leaf
13	Sod
20	RUDIMENTARY
21	Rustic mat
22	Palm/bamboo
23	Wood planks
24	Cardboard
30	FINISHED
31	Metal
32	Wood
33	Calamine/cement fiber
34	Ceramic tiles
35	Cement
36	Roofing shingles
96	Other
97	Not a de jure resident

V130: Religion

Data file: REC11

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Catholic
2	Protestant
3	Adventist
4	Muslim
5	Traditional

7	No religion
96	Other

V131: NA - Ethnicity

Data file: REC11

Overview

Valid: 0 Invalid: 5131
Type: Continuous Width: 8 Format: Numeric

V133: Education in single years

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
97	Inconsistent

V134: NA - De facto place of residence

Data file: REC11

Overview

Valid: 0 Invalid: 5131
Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Capital, large city
1	Small city
2	Town
3	Countryside

V135: Usual resident or visitor**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Usual resident
2	Visitor

V136: Number of household members (listed)**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V137: Number of children 5 and under in household (de jure)**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V138: Number of eligible women in household (de facto)**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V139: De jure region of residence**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Abroad
1	Kigali
2	South
3	West
4	North
5	East
97	Not de jure resident

V140: De jure type of place of residence

Data file: REC11

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Abroad
1	Urban
2	Rural
7	Not a de jure resident

V141: De jure place of residence

Data file: REC11

Overview

Valid: 40 Invalid: 5091
 Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Capital, large city

1	City
2	Town
3	Countryside
4	Abroad
7	Not a de jure resident

V149: Educational attainment

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No education
1	Incomplete primary
2	Complete primary
3	Incomplete secondary
4	Complete secondary
5	Higher

V150: Relationship to household head

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Head
2	Wife
3	Daughter
4	Daughter-in-law
5	Granddaughter

6	Mother
7	Mother-in-law
8	Sister
9	Co-spouse
10	Other relative
11	Adopted/foster child
12	Not related
98	Don't know

V151: Sex of household head

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male
2	Female

V152: Age of household head

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
97	97+
98	Don't know

V153: Household has: telephone (land-line)

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a de jure resident

V155: Literacy

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 35 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Cannot read at all
1	Able to read only parts of sentence
2	Able to read whole sentence
3	No card with required language
4	Blind/visually impaired

V156: NA - Ever participated in a literacy program outside of primary

Data file: REC11

Overview

Valid: 0 Invalid: 5131
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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V157: Frequency of reading newspaper or magazine

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not at all
1	Less than once a week
2	At least once a week
3	Almost every day

V158: Frequency of listening to radio

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not at all
1	Less than once a week
2	At least once a week
3	Almost every day

V159: Frequency of watching television

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not at all
1	Less than once a week
2	At least once a week
3	Almost every day

V160: Toilet facilities shared with other households

Data file: REC11

Overview

Valid: 5086 Invalid: 45
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
7	Not a de jure resident

V161: Type of cooking fuel

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 41 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Electricity
2	Solar energy
3	Liquefied petroleum gas (LPG)/cooking gas
4	Piped natural gas
5	Biogas

6	Alcohol/ethanol
7	Gasoline/diesel
8	Kerosene/paraffin
9	Coal/lignite
10	Charcoal
11	Wood
12	Straw/shrubs/grass
13	Agricultural crop
14	Animal dung/waste
15	Processed biomass (pellets) or woodchips
16	Garbage/plastic
17	Sawdust
95	No food cooked in house
96	Other
97	Not a de jure resident

V169A: Owns a mobile telephone

Data file: REC11

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V169B: NA - Last 12 months use mobile telephone for financial transactions

Data file: REC11

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V169C: Is respondent's mobile phone a smart phone

Data file: REC11

Overview

Valid: 2985 Invalid: 2146
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V171A: Use of internet

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Never
1	Yes, last 12 months
2	Yes, before last 12 months
3	Yes, can't establish when

V171B: Frequency of using internet last month

Data file: REC11

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not at all
1	Less than once a week
2	At least once a week
3	Almost every day

V172: NA - Respondent state of birth

Data file: REC11

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	[PROVINCE/REGION/STATE]
2	[PROVINCE/REGION/STATE]
3	[PROVINCE/REGION/STATE]
96	Outside of [COUNTRY]

V173: NA - Respondent country of birth

Data file: REC11

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 13 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Country 1
2	Country 2
3	Country 3
4	Country 4

5	Country 5
96	Other country

V174M: NA - Month move to current place of residence

Data file: REC11

Overview

Valid: 0 Invalid: 5131
Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
98	Don't know month

V174Y: NA - Year move to current place of residence

Data file: REC11

Overview

Valid: 0 Invalid: 5131
Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
9998	Don't know year

V175: NA - Reason for moving to current place of residence

Data file: REC11

Overview

Valid: 0 Invalid: 5131
Type: Discrete Width: 48 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Employment

2	Education/training
3	Marriage formation
4	Family reunification/other family-related reason
5	Forced displacement
10	CS
11	CS
19	CS
96	Other

V176: NA - Self reported health status

Data file: REC11

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Very good
2	Good
3	Moderate
4	Bad
5	Very bad

V177: NA - Money put/taken from bank account last 12 months

Data file: REC11

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V190: Wealth index combined**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Poorest
2	Poorer
3	Middle
4	Richer
5	Richest

V191: Wealth index factor score combined (5 decimals)**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Continuous Width: 12 Format: Numeric

V190A: Wealth index for urban/rural**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Poorest
2	Poorer
3	Middle
4	Richer
5	Richest

V191A: Wealth index factor score for urban/rural (5 decimals)**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
Type: Continuous Width: 12 Format: Numeric

ML101: Type of mosquito bed net(s) slept under last night**Data file: REC11****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No net
1	Only treated nets
2	Both treated and untreated nets
3	Only untreated nets

HHID: Case Identification**Data file: REC21****Overview**

Valid: 3028 Invalid: 0
Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file: REC21****Overview**

Valid: 3028 Invalid: 0
Type: Continuous Width: 10 Format: character

BIDX: Birth column number**Data file: REC21****Overview**

Valid: 3028 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

BIDXP: NA - Index to pregnancy history**Data file: REC21****Overview**

Valid: 0 Invalid: 3028
Type: Continuous Width: 8 Format: Numeric

BORD: Birth order number**Data file: REC21****Overview**

Valid: 3028 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

B0: Child is twin**Data file: REC21****Overview**

Valid: 3028 Invalid: 0
Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Single birth
1	1st of multiple
2	2nd of multiple
3	3rd of multiple
4	4th of multiple
5	5th of multiple

B1: Month of birth

Data file: REC21

Overview

Valid: 3028 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

B2: Year of birth

Data file: REC21

Overview

Valid: 3028 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

B3: Date of birth (CMC)

Data file: REC21

Overview

Valid: 3028 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

B4: Sex of child

Data file: REC21

Overview

Valid: 3028 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male
2	Female

B5: Child is alive

Data file: REC21

Overview

Valid: 3028 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

B6: NA - Age at death

Data file: REC21

Overview

Valid: 0 Invalid: 3028
Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
100	Died on day of birth
101	Days: 1
199	Days: number missing
201	Months: 1
299	Months: number missing
301	Years: 1
399	Years: number missing
997	Inconsistent

998	Don't know
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B7: NA - Age at death (months, imputed)

Data file: REC21

Overview

Valid: 0 Invalid: 3028
Type: Continuous Width: 8 Format: Numeric

B8: Current age of child

Data file: REC21

Overview

Valid: 2984 Invalid: 44
Type: Discrete Width: 8 Format: Numeric

B9: Child lives with whom

Data file: REC21

Overview

Valid: 2984 Invalid: 44
Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Respondent
1	Father
2	Other relative
3	Someone else
4	Lives elsewhere

B10: Completeness of information

Data file: REC21

Overview

Valid: 3028 Invalid: 0
Type: Discrete Width: 37 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Month, year and day
1	Month and year - information complete
2	Month and age - year imputed
3	Year and age - month imputed
4	Year and age - year ignored
5	Year - age/month imputed
6	Age - year/month imputed
7	Month - age/year imputed
8	None - all imputed

B11: Preceding birth interval (months)

Data file: REC21

Overview

Valid: 606 Invalid: 2422

Type: Discrete Width: 8 Format: Numeric

B12: Succeeding birth interval (months)

Data file: REC21

Overview

Valid: 602 Invalid: 2426

Type: Discrete Width: 8 Format: Numeric

B13: NA - Flag for age at death

Data file: REC21

Overview

Valid: 0 Invalid: 3028

Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No flag

1	> interview
2	< breastfeeding
3	< age supplemented
4	< first breastfed
5	< last vaccination
6	Outside range
7	Imputed, units given
8	Imputed, no units

B15: Live birth between births

Data file: REC21

Overview

Valid: 3028 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

B16: Child's line number in household

Data file: REC21

Overview

Valid: 2984 Invalid: 44
Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not listed in household

B17: Day of birth

Data file: REC21

Overview

Valid: 3028 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

B18: Century Day Code of birth (CDC)

Data file: REC21

Overview

Valid: 3028 Invalid: 0
Type: Continuous Width: 12 Format: Numeric

B19: Current age of child in months (months since birth for dead children)

Data file: REC21

Overview

Valid: 3028 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

HHID: Case Identification**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
Type: Continuous Width: 10 Format: character

V201: Total children ever born**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V202: Sons at home**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V203: Daughters at home**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V204: Sons elsewhere**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V205: Daughters elsewhere**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V206: Sons who have died**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V207: Daughters who have died**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V208: Births in last five years**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No births

V209: Births in past year**Data file: REC23****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No births

V210: Births in month of interview

Data file: REC23

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V213: Currently pregnant

Data file: REC23

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No or unsure
1	Yes

V214: Duration of current pregnancy in months

Data file: REC23

Overview

Valid: 292 Invalid: 4839
 Type: Discrete Width: 8 Format: Numeric

V214A: Duration of current pregnancy original

Data file: REC23

Overview

Valid: 292 Invalid: 4839
 Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
101	Weeks: 1
199	Weeks: number missing
201	Months: 1
299	Months: number missing

V218: Number of living children

Data file: REC23

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V219: Living children + current pregnancy

Data file: REC23

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V220: Living children + current pregnancy (grouped)

Data file: REC23

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
6	6+

V222: Last birth to interview (months)

Data file: REC23

Overview

Valid: 2387 Invalid: 2744
 Type: Discrete Width: 8 Format: Numeric

V223: Completeness of current pregnancy information

Data file: REC23

Overview

Valid: 292 Invalid: 4839
 Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
7	Month - exact date
8	None - date placed

V224: Entries in birth history

Data file: REC23

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

V237: Birth between last and interview

Data file: REC23

Overview

Valid: 2387 Invalid: 2744
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V238: Births in last three years

Data file: REC23

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

HHID: Case Identification**Data file: REC41****Overview**

Valid: 1432 Invalid: 0
 Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file: REC41****Overview**

Valid: 1432 Invalid: 0
 Type: Continuous Width: 10 Format: character

MIDX: Index to Birth History**Data file: REC41****Overview**

Valid: 1432 Invalid: 0
 Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not a live birth

M2A: Prenatal: doctor**Data file: REC41****Overview**

Valid: 1432 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2B: Prenatal: nurse/midwife**Data file: REC41****Overview**

Valid: 1432 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2C: Prenatal: auxiliary midwife**Data file: REC41****Overview**

Valid: 1432 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2D: NA - Prenatal: CS health professional**Data file: REC41****Overview**

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2E: NA - Prenatal: CS health professional**Data file: REC41****Overview**

Valid: 0 Invalid: 1432

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2F: NA - Prenatal: CS health professional**Data file: REC41****Overview**

Valid: 0 Invalid: 1432

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2G: Prenatal: traditional birth attendant**Data file: REC41****Overview**

Valid: 1432 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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M2H: Prenatal: community health worker/field worker

Data file: REC41

Overview

Valid: 1432 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2I: Prenatal: community health mother and child

Data file: REC41

Overview

Valid: 1432 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2J: NA - Prenatal: CS other person

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

M2K: Prenatal: other

Data file: REC41

Overview

Valid: 1432 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2L: NA - Prenatal: CS other

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2M: NA - Prenatal: CS other

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M2N: Prenatal: no one

Data file: REC41

Overview

Valid: 1432 Invalid: 0
Type: Discrete Width: 13 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No: some care
1	Yes: no care

M13: Timing of 1st antenatal check (months)

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
98	Don't know

M13A: Timing of 1st antenatal check (original)

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
101	Weeks: 1
199	Weeks: number missing
201	Months: 1
299	Months: number missing
998	Don't know

M14: Number of antenatal visits during pregnancy

Data file: REC41

Overview

Valid: 1432 Invalid: 0
Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No antenatal visits
98	Don't know

M49A: NA - During pregnancy took: SP/fansidar for malaria

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49B: NA - During pregnancy took: chloroquine for malaria

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49C: NA - During pregnancy took: CS drug for malaria

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49D: NA - During pregnancy took: CS drug for malaria

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49E: NA - During pregnancy took: CS drug for malaria**Data file: REC41****Overview**

Valid: 0 Invalid: 1432

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49F: NA - During pregnancy took: CS drug for malaria**Data file: REC41****Overview**

Valid: 0 Invalid: 1432

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49G: NA - During pregnancy took: CS drug for malaria**Data file: REC41****Overview**

Valid: 0 Invalid: 1432

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49X: NA - During pregnancy took: other drug for malaria

Data file: REC41

Overview

Valid: 0 Invalid: 1432

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

M49Z: NA - During pregnancy took: don't know

Data file: REC41

Overview

Valid: 0 Invalid: 1432

Type: Discrete Width: 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes: don't know which drug taken
8	Don't know

M49Y: NA - During pregnancy took: no drug for malaria

Data file: REC41

Overview

Valid: 0 Invalid: 1432

Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes, took no drug
8	Don't know

M57A: Antenatal care: respondent's home

Data file: REC41

Overview

Valid: 1404 Invalid: 28

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57B: Antenatal care: other home

Data file: REC41

Overview

Valid: 1404 Invalid: 28

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57C: NA - Antenatal care: CS home

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57D: NA - Antenatal care: CS home

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57E: Antenatal care: government referral hospital

Data file: REC41

Overview

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57F: Antenatal care: provincial/district hospital**Data file: REC41****Overview**

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57G: Antenatal care: health center**Data file: REC41****Overview**

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57H: Antenatal care: health post**Data file: REC41****Overview**

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57I: Antenatal care: outreach**Data file: REC41****Overview**

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57J: Antenatal care: other public sector**Data file: REC41****Overview**

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57K: NA - Antenatal care: CS public health**Data file: REC41****Overview**

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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M57L: NA - Antenatal care: CS public health

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57M: Antenatal care: private polyclinic

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57N: Antenatal care: private clinic

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

M57O: Antenatal care: private dispensary

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57P: Antenatal care: other private medical sector

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57Q: NA - Antenatal care: CS private medical

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57R: NA - Antenatal care: CS private medical

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57NA: Antenatal care: NGO hospital

Data file: REC41

Overview

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57NB: Antenatal care: NGO clinic

Data file: REC41

Overview

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57NC: Antenatal care: Other NGO medical sector

Data file: REC41

Overview

Valid: 1404 Invalid: 28
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57ND: NA - Antenatal care: CS NGO medical

Data file: REC41

Overview

Valid: 0 Invalid: 1432
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57NE: NA - Antenatal care: CS NGO medical

Data file: REC41

Overview

Valid: 0 Invalid: 1432

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57S: NA - Antenatal care: CS other

Data file: REC41

Overview

Valid: 0 Invalid: 1432

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57T: NA - Antenatal care: CS other

Data file: REC41

Overview

Valid: 0 Invalid: 1432

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57U: NA - Antenatal care: CS other

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57V: NA - Antenatal care: CS other

Data file: REC41

Overview

Valid: 0 Invalid: 1432
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

M57X: Antenatal care: other

Data file: REC41

Overview

Valid: 1404 Invalid: 28
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML0: Type of mosquito bed net(s) child slept under last night**Data file: REC41****Overview**

Valid: 1405 Invalid: 27

Type: Discrete Width: 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No net
1	Only treated nets
2	Both treated and untreated nets
3	Only untreated nets

HHID: Case Identification**Data file:** REC4A**Overview**

Valid: 2561 Invalid: 0
 Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file:** REC4A**Overview**

Valid: 2561 Invalid: 0
 Type: Continuous Width: 10 Format: character

HIDXA: Index to birth history**Data file:** REC4A**Overview**

Valid: 2561 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

H11: NA - Had diarrhea recently**Data file:** REC4A**Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes, last 24 hours
2	Yes, last two weeks
8	Don't know

H11B: NA - Blood in the stools**Data file:** REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H12A: NA - Diarrhea: government hospital

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12B: NA - Diarrhea: CS public sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12C: NA - Diarrhea: CS public sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12D: NA - Diarrhea: CS public sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12E: NA - Diarrhea: CS public sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12F: NA - Diarrhea: CS public sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12G: NA - Diarrhea: CS public sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12H: NA - Diarrhea: CS public sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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H12I: NA - Diarrhea: CS public sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12J: NA - Diarrhea: private hospital/clinic

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12K: NA - Diarrhea: private pharmacy

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

H12L: NA - Diarrhea: private doctor

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12M: NA - Diarrhea: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12N: NA - Diarrhea: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H120: NA - Diarrhea: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12P: NA - Diarrhea: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12Q: NA - Diarrhea: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12R: NA - Diarrhea: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12NA: NA - Diarrhea: NGO hospital

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12NB: NA - Diarrhea: CS NGO

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12NC: NA - Diarrhea: CS NGO

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12ND: NA - Diarrhea: CS NGO

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12NE: NA - Diarrhea: CS NGO

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12S: NA - Diarrhea: CS other sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12T: NA - Diarrhea: CS other sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12U: NA - Diarrhea: CS other sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12V: NA - Diarrhea: CS other sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12W: NA - Diarrhea: CS other sector**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12X: NA - Diarrhea: Other**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H12Y: NA - Diarrhea: no treatment**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No: received treatment
1	Yes: no treatment

H12Z: NA - Diarrhea: medical treatment**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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H13: NA - Given oral rehydration

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes: ORS - spontaneous
2	Yes: ORS - probed
8	Don't know

H13B: NA - Given pre-packaged ORS liquid

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H14: NA - Given recommended home solution

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes: RHS - spontaneous
2	Yes: RHS - probed
8	Don't know

H15: NA - Given antibiotic pills or syrups

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15A: NA - Given antimotility

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15B: NA - Given antibiotic injection**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15C: NA - Given intravenous (IV)**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15D: NA - Given home remedy, herbal medicine**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
8	Don't know

H15E: NA - Given zinc

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15F: NA - Given other (not antibiotic, antimotility, zinc)

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15G: NA - Given unknown pill or syrup

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15H: NA - Given non-antibiotic injection

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15I: NA - Given unknown injection

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15J: NA - Given CS**Data file:** REC4A**Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15K: NA - Given CS**Data file:** REC4A**Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H15L: NA - Given CS**Data file:** REC4A**Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
8	Don't know

H15M: NA - Given CS

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H20: NA - Given other treatment

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H21A: NA - Given no treatment

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No: received treatment
1	Yes: no treatment
8	Don't know

H21: NA - Received any treatment

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H22: Had fever in last two weeks

Data file: REC4A

Overview

Valid: 2561 Invalid: 0

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H31: NA - Had cough in last two weeks

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes, last 24 hours
2	Yes, last two weeks
8	Don't know

H31B: NA - Short, rapid breaths

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H31C: NA - Problem in the chest or blocked or running nose

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Chest only
2	Nose only

3	Both
6	Other
8	Don't know

H31D: NA - Had fever/cough in last 2 weeks: amount offered to drink

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Nothing to drink
2	Much less
3	Somewhat less
4	About the same
5	More
8	Don't know

H31E: NA - Had fever/cough in last 2 weeks: amount offered to eat

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Stopped food
1	Never gave food
2	Much less
3	Somewhat less
4	About the same
5	More
8	Don't know

H32A: Fever/cough: government referral hospital**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32B: Fever/cough: provincial/district hospital**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32C: Fever/cough: health center**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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H32D: Fever/cough: health post

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32E: Fever/cough: outreach

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32F: Fever/cough: other public sector

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

H32G: NA - Fever/cough: CS public sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32H: NA - Fever/cough: CS public sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32I: NA - Fever/cough: CS public sector

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32J: Fever/cough: private polyclinic

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32K: Fever/cough: private pharmacy

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32L: NA - Fever/cough: private doctor

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32M: Fever/cough: private clinic

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32N: Fever/cough: private dispensary

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32O: Fever/cough: other private medical sector

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32P: NA - Fever/cough: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32Q: NA - Fever/cough: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32R: NA - Fever/cough: CS private medical

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32NA: Fever/cough: NGO hospital

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32NB: Fever/cough: NGO clinic

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32NC: Fever/cough: other NGO medical sector**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32ND: NA - Fever/cough: CS NGO**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32NE: NA - Fever/cough: CS NGO**Data file: REC4A****Overview**

Valid: 0 Invalid: 2561

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32S: Fever/cough: kiosk/shop**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32T: Fever/cough: traditional healer**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32U: Fever/cough: market**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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H32V: Fever/cough: itinerant drug seller

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32W: Fever/cough: church

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H32X: Fever/cough: other

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

H32Y: Fever/cough: no treatment

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No: received treatment
1	Yes: no treatment

H32Z: Fever/cough: medical treatment

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H34: NA - Vitamin A in last 6 months

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H37A: NA - SP/Fansidar taken for fever

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37B: NA - Chloroquine taken for fever

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37C: NA - Amodiaquine taken for fever

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37D: Quinine taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37DA: Quinine injection/IV taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37E: Combination with artemisinin taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37AA: Artesunate rectal taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37AB: Artesunate injection/IV taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37F: NA - CS antimalarial taken for fever

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37G: NA - CS antimalarial taken for fever

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37H: Other antimalarial taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37I: Antibiotic pill/syrup taken for fever**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37J: Antibiotic injection taken for fever**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37K: Aspirin taken for fever**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37L: Acetaminophen/paracetamol/panadol taken for fever**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37M: Ibuprofen taken for fever**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37N: Amoxicillin taken for fever**Data file: REC4A****Overview**

Valid: 677 Invalid: 1884

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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H370: Cotrimoxazole taken for fever/cough

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37P: NA - CS other for fever/cough

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37Q: NA - CS other for fever/cough

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

H37R: NA - CS other for fever/cough

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37X: Other taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

H37Y: Nothing taken and didn't seek treatment for fever/cough

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
 Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes, nothing taken

H37Z: Don't know if or what was taken for fever

Data file: REC4A

Overview

Valid: 677 Invalid: 1884

Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes, don't know

H38: NA - Diarrhea in last 2 weeks: amount offered to drink

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Nothing to drink
2	Much less
3	Somewhat less
4	About the same
5	More
8	Don't know

H39: NA - Diarrhea in last 2 weeks: amount offered to eat

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Stopped food
1	Never gave food
2	Much less
3	Somewhat less
4	About the same
5	More
8	Don't know

H42: NA - Last 12 months given iron pills, sprinkles or syrup

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H43: NA - Drugs for intestinal parasites in last 6 months

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H44A: NA - Place first sought treatment for diarrhea

Data file: REC4A

Overview

Valid: 0 Invalid: 2561

Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	PUBLIC SECTOR
11	Government hospital
20	PRIVATE SECTOR
21	Private hospital
30	NGO
31	NGO hospital
40	OTHER SOURCE
96	Other
98	Don't know

H46A: Place first sought treatment for fever

Data file: REC4A

Overview

Valid: 431 Invalid: 2130

Type: Discrete Width: 28 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
10	PUBLIC SECTOR
11	Referral hospital
12	Provincial/District hospital

13	Health Center
14	Health post
15	Outreach
16	Other public sector
20	PRIVATE SECTOR
21	Plyclinic
22	Clinic
23	Dispensary
24	Pharmacy
25	Other private medical sector
30	NGO
31	NGO hospital
32	NGO clinic
33	Other NGO medical sector
40	OTHER SOURCE
41	Kios/shop
42	Traditional healer
43	Market
44	Itinerant drug seller
45	Church
46	Relative/friend
96	Other
98	Don't know

H46B: Number of days after fever began sought advice or treatment

Data file: REC4A

Overview

Valid: 431 Invalid: 2130

Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Same day
98	Don't know

H47: Blood taken from child's finger/heel for testing**Data file:** REC4A**Overview**

Valid: 677 Invalid: 1884
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H70A: NA - Past 3 months health care provider measured child's weight**Data file:** REC4A**Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H70B: NA - Past 3 months health care provider measured child's length/height**Data file:** REC4A**Overview**

Valid: 0 Invalid: 2561
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
8	Don't know

H70C: NA - Past 3 months health care provider measured child's upper arm

Data file: REC4A

Overview

Valid: 0 Invalid: 2561
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

H71: Was respondent told that child had malaria

Data file: REC4A

Overview

Valid: 677 Invalid: 1884
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML20A: Timing of start of combination with artemisinin

Data file: REC4A

Overview

Valid: 30 Invalid: 2531
Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Same day as fever/cough
1	Next day
2	2 days after
3	3 days after
4	4+ days after
8	Don't know

HHID: Case Identification**Data file: REC45****Overview**

Valid: 5131 Invalid: 0
Type: Continuous Width: 9 Format: character

CASEID: Case identification**Data file: REC45****Overview**

Valid: 5131 Invalid: 0
Type: Continuous Width: 10 Format: character

V417: Entries in pregnancy and postnatal care roster**Data file: REC45****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V418A: Entries in child health roster**Data file: REC45****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V419: NA - Entries in height/weight roster**Data file: REC45****Overview**

Valid: 0 Invalid: 5131
Type: Continuous Width: 8 Format: Numeric

V447A: NA - Women's age in years (from household questionnaire)**Data file: REC45****Overview**

Valid: 0 Invalid: 5131
Type: Continuous Width: 8 Format: Numeric

V452A: NA - Under age 18 (from household questionnaire)**Data file: REC45****Overview**

Valid: 0 Invalid: 5131
 Type: Discrete Width: 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Under age 18
2	Age 18 or older

V452B: NA - Line number of parent/caretaker**Data file: REC45****Overview**

Valid: 0 Invalid: 5131
 Type: Discrete Width: 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Not in household

V452C: NA - Read consent statement - hemoglobin**Data file: REC45****Overview**

Valid: 0 Invalid: 5131
 Type: Discrete Width: 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Granted
2	Parent/other responsible refused

3	Respondent refused
4	Adult/parent not present
5	Minor not present

V453: NA - Hemoglobin level (g/dl - 1 decimal)

Data file: REC45

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
994	Not present
995	Refused
996	Other

V454: NA - Currently pregnant (from household questionnaire)

Data file: REC45

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 13 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No/don't know
1	Yes

V459: Have mosquito bed net for sleeping (from household questionnaire)

Data file: REC45

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V460: Children under 5 slept under mosquito bed net last night (household questionnair

Data file: REC45

Overview

Valid: 2797 Invalid: 2334
 Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	All children
2	Some children
3	No net in household

V461: Respondent slept under mosquito bed net

Data file: REC45

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

V468: NA - Record for Last Birth

Data file: REC45

Overview

Valid: 0 Invalid: 5131

Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	See specific questions
1	Last birth only
2	All births in last 5 years

HHID: Case Identification**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 9 Format: character

CASEID: Case identification**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: character

V801: Time interview started (hhmm - 24 hour clock)**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
 Type: Continuous Width: 8 Format: Numeric

V802: Time interview ended (hhmm - 24 hour clock)**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
 Type: Continuous Width: 8 Format: Numeric

V803: Length of interview in minutes**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
95	95+
96	2+ visits
97	Inconsistent

V804: Number of visits**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

V805: Interviewer identification**Data file: REC81****Overview**

Valid: 5131 Invalid: 0
Type: Discrete Width: 12 Format: Numeric

V806: NA - Keyer identification**Data file: REC81****Overview**

Valid: 0 Invalid: 5131
Type: Continuous Width: 8 Format: Numeric

HHID: Case Identification**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 9 Format: character

CASEID: Case identification**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: character

ML501: Last six months heard/seen malaria messages**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501A: Malaria messages were heard/seen: radio**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501B: Malaria messages were heard/seen: television**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501C: Malaria messages were heard/seen: poster/billboard**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501D: Malaria messages were heard/seen: newspaper/magazine**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
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ML501E: Malaria messages were heard/seen: leaflet/brochure

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501F: Malaria messages were heard/seen: healthcare provider

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501G: Malaria messages were heard/seen: community health worker

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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0	No
1	Yes

ML501H: Malaria messages were heard/seen: social media

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501I: NA - Malaria messages were heard/seen: CS

Data file: RECSBC

Overview

Valid: 0 Invalid: 5131
Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501J: NA - Malaria messages were heard/seen: CS

Data file: RECSBC

Overview

Valid: 0 Invalid: 5131
Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501K: NA - Malaria messages were heard/seen: CS

Data file: RECSBC

Overview

Valid: 0 Invalid: 5131

Type: Continuous Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501X: Malaria messages were heard/seen: other

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML501Z: Malaria messages were heard/seen: don't remember

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML503: Are there ways to avoid getting malaria

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

ML503A: Malaria can be prevented by: sleep under a mosquito net

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503B: Malaria can be prevented by: sleep under an insecticide-treated mosquito net

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503C: Malaria can be prevented by: use mosquito repellent

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503D: Malaria can be prevented by: take preventive medications

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503E: Malaria can be prevented by: spray house with insecticide**Data file: RECSBC****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503F: Malaria can be prevented by: fill in stagnant waters**Data file: RECSBC****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503G: Malaria can be prevented by: keep surroundings clean**Data file: RECSBC****Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503H: Malaria can be prevented by: put mosquito screen on windows

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503I: NA - Malaria can be prevented by: close doors and windows at night

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503J: NA - Malaria can be prevented by: CS

Data file: RECSBC

Overview

Valid: 0 Invalid: 5131

Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503K: NA - Malaria can be prevented by: CS

Data file: RECSBC

Overview

Valid: 0 Invalid: 5131

Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503L: NA - Malaria can be prevented by: CS

Data file: RECSBC

Overview

Valid: 0 Invalid: 5131

Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503M: NA - Malaria can be prevented by: CS**Data file:** RECSBC**Overview**

Valid: 0 Invalid: 5131
 Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503N: NA - Malaria can be prevented by: CS**Data file:** RECSBC**Overview**

Valid: 0 Invalid: 5131
 Type: Continuous Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML503X: Malaria can be prevented by: other**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No

1	Yes
8	Don't know

ML503Z: Malaria can be prevented by: don't know

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
8	Don't know

ML505: Agree/disagree with: people in community get malaria in rainy season

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML506: Agree/disagree with: when child has fever worry it is malaria

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML507: Agree/disagree with: getting malaria not a problem as can be treated

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML508: Agree/disagree with: only weak children can die from malaria

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
 Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML509: Agree/disagree with: sleep under net when there are lots of mosquitoes**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML510: Agree/disagree with: sleep under net when there are few mosquitoes**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML511: Agree/disagree with: don't like sleep in a net when is too warm**Data file:** RECSBC**Overview**

Valid: 5131 Invalid: 0
 Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree

1	Agree
8	Don't know/uncertain

ML512: Agree/disagree with: if child has fever good to give medicine available at home

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree
1	Agree
8	Don't know/uncertain

ML513: Agree/disagree with: people take children to health provider same day develop fe

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree/less than half
1	Agree/more than half
8	Don't know/uncertain

ML514: Agree/disagree with: people who have nets usually sleep under every night

Data file: RECSBC

Overview

Valid: 5131 Invalid: 0
Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Disagree/less than half
1	Agree/more than half
8	Don't know/uncertain

HHID: Case Identification**Data file: REC91****Overview**

Valid: 5144 Invalid: 0
 Type: Discrete Width: 9 Format: character

CASEID: Case identification**Data file: REC91****Overview**

Valid: 5144 Invalid: 0
 Type: Discrete Width: 10 Format: character

SDISTRICT: District**Data file: REC91****Overview**

Valid: 5144 Invalid: 0
 Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
11	Nyarugenge
12	Gasabo
13	Kicukiro
21	Nyanza
22	Gisagara
23	Nyaruguru
24	Huye
25	Nyamagabe
26	Ruhango
27	Muhanga
28	Kamonyi
31	Karongi
32	Rutsiro
33	Rubavu
34	Nyabihu
35	Ngororero

36	Rusizi
37	Nyamasheke
41	Rulindo
42	Gakenke
43	Musanze
44	Burera
45	Gicumbi
51	Rwamagana
52	Nyagatare
53	Gatsibo
54	Kayonza
55	Kirehe
56	Ngoma
57	Bugesera

S105: Highest educational level

Data file: REC91

Overview

Valid: 5131 Invalid: 13
 Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No education
1	Pre-primary
2	Primary
3	Post-primary/vocational
4	Secondary
5	Higher

HHID: Case Identification**Data file:** REC96**Overview**

Valid: 2561 Invalid: 0
 Type: Discrete Width: 9 Format: character

CASEID: Case identification**Data file:** REC96**Overview**

Valid: 2561 Invalid: 0
 Type: Discrete Width: 10 Format: character

IDX96: Index to Birth History**Data file:** REC96**Overview**

Valid: 2561 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

S408T: Fever/cough: relative/friend**Data file:** REC96**Overview**

Valid: 677 Invalid: 1884
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes

FW101: Fieldworker code**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

FW000: Country code and phase**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 9 Format: character

FW102: Fieldworker region of residence**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	City of Kigali
2	Southern Province
3	Western Province
4	Northern Province
5	Eastern Province

FW103: Fieldworker type of place of residence**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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1	City
2	Town
3	Rural

FW104: Fieldworker age

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

FW105: Fieldworker sex

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male
2	Female

FW106: Fieldworker marital status

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 39 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Currently married
2	Living with a man/woman
3	Widowed
4	Divorced

5	Separated
6	Never married or lived with a man/woman

FW107: Fieldworker number of living children

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

FW108: Fieldworker ever had a child who died

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

FW109: Highest level of school attended by fieldworker

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Primary
2	Secondary
3	Higher

FW110: Highest grade/form/year at that level completed by fieldworker**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 27 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Less than one year at level

FW111: Fieldworker religion**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Catholic
2	Protestant
3	Adventist
4	Muslim
5	Traditional
6	Other
7	No religion

FW112: Fieldworker ethnicity**Data file: FWRECORD****Overview**

Valid: 0 Invalid: 90
 Type: Continuous Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Ethnicity
2	Ethnicity
3	Ethnicity
4	Ethnicity
5	Ethnicity
96	Other

FW113: Languages spoken by fieldworker

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 14 Format: character

FW114: Fieldworker's mother tongue/native language

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	KINYARWANDA
2	FRENCH
3	ENGLISH
4	KICONGO
5	KISWAHILI
6	Language F
7	Language G
8	Language H
9	Language I
10	Language J
11	Language K
12	Language L
13	Language M
96	Other

FW115A: Has fieldworker ever worked on a DHS prior to this survey**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

FW115B: Has fieldworker ever worked on an MIS prior to this survey**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

FW115C: Has fieldworker ever worked on any other survey prior to this survey**Data file: FWRECORD****Overview**

Valid: 90 Invalid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes

2	No
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FW116: Was fieldworker working for implementing agency at the time employed for DHS

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes, MOH/RBC/MOPDD
2	Yes, NISR
3	No

FW117: Is fieldworker a permanent or temporary employee of agency

Data file: FWRECORD

Overview

Valid: 20 Invalid: 70
Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Permanent
2	Temporary

FW118: Does fieldworker has any comments

Data file: FWRECORD

Overview

Valid: 90 Invalid: 0
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

study_resources

questionnaires

Malaria Indicator Survey 2023, Questionnaire

title Malaria Indicator Survey 2023, Questionnaire
country Rwanda
language English
filename Rwanda_2023_MIS_questionnaire.pdf

reports

Rwanda Malaria Indicator Survey 2023, Final Report

title Rwanda Malaria Indicator Survey 2023, Final Report
authors Malaria and Other Parasitic Diseases Division, Rwanda Biomedical Center, Ministry of Health, Kigali, Rwanda
The DHS Program, ICF, Rockville, Maryland, USA
date 2024-11-01T04:00:00.000Z
country Rwanda
language English
filename <https://www.dhsprogram.com/pubs/pdf/MIS46/MIS46.pdf>

Rwanda 2023 Malaria Indicator Survey, Infographic

title Rwanda 2023 Malaria Indicator Survey, Infographic
authors The DHS Program
date 2026-05-01T04:00:00.000Z
country Rwanda
language English
filename <https://www.dhsprogram.com/pubs/pdf/DM211/DM211.pdf>

Rwanda 2023 Malaria Indicator Survey, Factsheet

title Rwanda 2023 Malaria Indicator Survey, Factsheet
authors The DHS Program
date 2026-05-01T04:00:00.000Z
country Rwanda
language English
filename <https://www.dhsprogram.com/pubs/pdf/MF44/MF44.pdf>

Rwanda 2023 Malaria Indicator Survey, Survey Presentations

title Rwanda 2023 Malaria Indicator Survey, Survey Presentations
authors The DHS Program
date 2026-05-01T04:00:00.000Z
country Rwanda
language English

filename <https://www.dhsprogram.com/pubs/pdf/PPT114/PPT114.zip>
