

South Africa - AHRI.HouseholdObservations

Nompumelelo Mkwazi

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

Identification

SURVEY ID NUMBER

AHRI.Household.Observations

TITLE

AHRI.HouseholdObservations

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

Africa Health Research Institute (AHRI) is a multidisciplinary, independent research institute. AHRI's goal is to become a source of fundamental discoveries into the susceptibility, transmission and cure of HIV, TB and related diseases. We also seek ways to improve diagnosis, prevention and treatment. To achieve this, we bring together leading researchers from different fields, use cutting edge science to improve people's health, and help to train the next generation of African scientists.

AHRI has conducted individual and household demographic surveillance since 2000. Demographic surveillance data are processed for longitudinal analyses by organizing the demographic surveillance data into individual and household residency episodes at a geographical physical location, and individual membership episodes within a household. Start events of residency and memberships include enumeration, birth, in-migration and relocating into a household from within the study population. Exit events of residency and memberships include death (by cause), out-migration and relocating to another location in the study population. AHRI annually produces a suite of Individual Demographic surveillance datasets which contains detailed records of all individuals under surveillance since January 2000. The datasets detail individual residency and membership patterns, household mortality (including cause of death), fertility, migration, HIV status, health care utilization, and household socio-economic profile.

Each record in the dataset represents a period of observation for an individual during which all the recorded characteristics of the individual stay constant. For example, on the birthday of the individual a new episode will start, because the age of the individual has changed. An out-migration will result in a new episode, because the location or residential status has changed. Any change in one of the status values, such as education, marital status, social-economic status and HIV will likewise result in a new episode on the date of the change.

The following are the versions of the Demographic surveillance datasets:

CoresidencyEpisodes
 EducationCleaned
 EducationStatuses
 HIVStatusEpisodes
 HouseholdAssets
 HouseholdMap
 HouseholdObservations
 HouseholdSocioEconomicStatus
 HouseholdStatusEpisodes
 IndividualHSEEpisodes
 IndividualMap
 LabourEpisodes
 LabourStatuses
 LocationMap
 MaritalStatuses
 PartnerEpisodes
 SurveillanceEpisodesBasic
 SurveillanceEpisodesYTAge
 SurveillanceEpisodesYrAge_Coresidency
 SurveillanceEpisodesYrAge_HIV
 SurveillanceEpisodesYrAge_HSE
 SurveillanceEpisodesYrAge_Labour

SurveillanceEpisodesYrAge_Partners
 SurveillanceEpisodesYrAgeDel
 SurveillanceEpisodes VrAgeDel_HSE
 SurveillanceEpisodesYrAgeDeL_HSE_Labour
 SurveillanceEpisodesYrAgeDeL_HSE_Labour_Partner_Parents
 SurveillanceEpisodes VrAgeDel_HSE_Labour_Partner_Parents_HIV
 SurveillanceEpisodesYrAgeDeL_HSE_Labour_Partners

KIND OF DATA

Event History Data

UNIT OF ANALYSIS

Episodes of exposure

Version

VERSION DESCRIPTION

v1.0.0

Scope

TOPICS

Topic	Vocabulary	URI
Household Observations	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
Fertility, Mortality, Migration, Social-economic status, HIV, ART	Africa Health Research Institute	www.ahri.org

Coverage

GEOGRAPHIC COVERAGE

AHRI is situated in the south-east portion of the uMkhanyakude district of KwaZulu-Natal province near the town of Mtubatuba. It is bounded on the west by the Umfolozi-Hluhluwe nature reserve, on the south by the Umfolozi river, on the east by the N2 highway (except form portions where the KwaMsane township strangles the highway) and in the north by the provincial road R22. The surveillance area is approximately 845km² in size.

UNIVERSE

Households resident in dwellings within the study area are eligible for inclusion in the household component of AHRI Demographic Surveillance. All individuals identified by the household proxy informant as members of the households are enumerated. A resident household member is an individual that intends to sleep majority of time at the dwelling occupied by the household over a four-month period. Households include resident and non-resident members. An individual is a non-resident member if they have close ties to the household, but do not physically reside with the household at the dwelling most of the time. Non-resident members can also be called temporary migrants and they are enumerated within the household list. Because household membership is not tied to physical residency, an individual may be a member of more than one household.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Dr Kobus Herbst	AHRI, SAPRIN

Dr Guy Harling	AHRI
Dr Mark Siedner	AHRI
Prof Willem Hanekom	AHRI

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Wellcome Trust	WT	Core funding
SAPRIN	SAPRIN	

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
AHRI Research Data Management Team	AHRI	Research Data Management
AHRI Data Collection Team	AHRI	Data Collection
AHRI Community Engagement Team	AHRI	Community Engagement

Sampling

SAMPLING PROCEDURE

This dataset is not based on a sample but contains information from the complete demographic surveillance areas.

Data collection

DATES OF DATA COLLECTION

Start	End
2000-02-22	2024-12-12

Data Processing

DATA EDITING

Data collected in this study was centrally stored on AHRI's secure database servers. Data was collected through interviews at the call centre on central server using Survey Solutions, and in the field on paper and encrypted tablet computers using REDCap, and then securely uploaded to a central server. Database rules and constraints were enforced on the master database to ensure that only valid data was stored. Personally identifiable data was restricted to separate database tables accessible only to data management staff .

Access policy

ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository(<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the

data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

<https://github.com/SAPRIN-MRC/SaprinEpisodes.jl.git>

CITATION REQUIREMENTS

Herbst, K., Harling, G., Siedner, M., & Hanekom, W. (2026). AHRI.HouseholdObservations [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/AHRI.HOUSEHOLD.OBSERVATIONS>

Metadata production

DDI DOCUMENT ID

DDI.AHRI.Household.Observations

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
HouseholdObservations	290708	37

Data file: HouseholdObservations

Cases: 290708

Variables: 37

Variables

ID	Name	Label	Question
V322	ObservationDate	Observation date	
V323	WaterSource	Source of drinking water	
V324	Toilet	Toilet type	
V325	ConnectedToGrid	Connected to electricity grid	
V326	CookingFuel	Type of fuel used for cooking	
V327	WallMaterial	Building material for walls	
V328	FloorMaterial	Building material used for floors	
V329	Bedrooms	Number of bedrooms	
V330	Crime	Victim of crime	
V331	FinancialStatus	Self reported financial status	
V332	CutMeals	Reduced food intake	
V333	CutMealsFrequency	Reduced food intake frequency	
V334	NotEat	Skipped meals	
V335	NotEatFrequency	Skipped meals frequency	
V336	ChildMealSkipCut	Children skipped meals	
V337	ChildMealSkipCutFrequency	Children skipped meals frequency	
V338	ConsentToCall	Consented to telephone surveillance	
V339	RoofMaterial	Building material used for roof	
V340	DistanceToWater	Distance to water source	
V341	InterNetAccess	Internet access	
V342	LackMoney	Lack of money	
V343	LackMoneyFrequency	Lack of money frequency	
V344	EatHealthy	Eat healthy	
V345	EatHealthyFrequency	Eat healthy frequency	
V346	LimitedFood	Limited food	
V347	LimitedFoodFrequency	Limited food frequency	
V348	SkipMeals	Skip meals	
V349	SkipMealsFrequency	Skip meals frequency	
V350	OutOfFood	Out of food	
V351	OutOfFoodFrequency	Out of food frequency	
V352	WentHungry	Went hungry	
V353	WentHungryFrequency	Went hungry frequency	
V354	AgriActivityLocation	Agricultural activity location	
V355	LightingSource	Source of lighting	
V356	OwnerIsMember	Owner of the homestead is a household member	
V357	HouseholdId	Unique household identifier	
V358	ObservationId	Unique observation identifier	

Total: 37

OBSERVATIONDATE: Observation date**Data file: HouseholdObservations****Overview**

Valid: 290708 Invalid: 0 Minimum: 1266796800000 Maximum: 2076071864000 Mean: 1775203672398.26
 Standard deviation: 226076323104.13
 Type: Continuous Decimal: 0 Width: 11 Range: 1266796800000 - 2076071864000 Format: Numeric

WATERSOURCE: Source of drinking water**Data file: HouseholdObservations****Overview**

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Refused/Missing	30246	10.4%
1	Piped (stand/house)	53113	18.3%
2	Piped (communal)	110148	37.9%
3	Borehole	23696	8.2%
4	Rainwater	12970	4.5%
5	Flowing river	21787	7.5%
6	Dam/standing	9238	3.2%
7	Protected spring	1548	0.5%
8	Tanker	27458	9.4%
10	Other purified	504	0.2%
11	Other unpurified	0	0%

TOILET: Toilet type**Data file: HouseholdObservations****Overview**

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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0	Missing/Refused/DKN	52186	18%
1	Flush	24219	8.3%
2	VIP	42467	14.6%
3	Other Pit	149299	51.4%
4	Bucket	3070	1.1%
5	Chemical	17217	5.9%
6	None	0	0%
7	Other	0	0%
8		21	0%
11		50	0%
15		1524	0.5%
16		88	0%
17		8	0%
18		2	0%
19		557	0.2%

CONNECTEDTOGRID: Connected to electricity grid

Data file: HouseholdObservations

Overview

Valid: 273933 Invalid: 16775

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	45374	16.6%
1	Yes	228559	83.4%
Sysmiss		16775	

COOKINGFUEL: Type of fuel used for cooking

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0

Type: Discrete Decimal: 0 Width: 16 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	40140	13.8%
1	Wood	51114	17.6%
2	Gas	10199	3.5%
3	Coal	306	0.1%
4	Electricity	165068	56.8%
5	Paraffin	2347	0.8%
6	Grid electricity	21255	7.3%
7	Generator	38	0%
8	Solar	6	0%
9	Dung	1	0%
10	Candles	0	0%
89	None	233	0.1%
90	Other	1	0%
99	Unknown	0	0%

WALLMATERIAL: Building material for walls

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 24 Range: 0 - 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	155565	53.5%
1	Brick	3471	1.2%
2	Cement	120908	41.6%
3	Other modern material	2755	0.9%
4	Stabilised mud	3548	1.2%
5	Traditional mud	1408	0.5%
6	Wood	970	0.3%
7	Other informal structure	1773	0.6%
8	Tiles	14	0%

9	Modern carpet	0	0%
10	Other modern material	0	0%
11	Dirt	0	0%
12	Mat	0	0%
13	Other traditional	0	0%
14		24	0%
15		40	0%
16		182	0.1%
17		2	0%
18		15	0%
19		27	0%
20		6	0%

FLOORMATERIAL: Building material used for floors

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 24 Range: 0 - 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	168518	58%
1	Brick	0	0%
2	Cement	61038	21%
3	Other modern material	2453	0.8%
4	Stabilised mud	0	0%
5	Traditional mud	0	0%
6	Wood	247	0.1%
7	Other informal structure	0	0%
8	Tiles	39677	13.6%
9	Modern carpet	2898	1%
10	Other modern material	0	0%
11	Dirt	2705	0.9%
12	Mat	11853	4.1%
13	Other traditional	1089	0.4%
20		18	0%

21		8	0%
22		8	0%
23		196	0.1%

BEDROOMS: Number of bedrooms

Data file: HouseholdObservations

Overview

Valid: 135012 Invalid: 155696 Minimum: 0 Maximum: 88 Mean: 3.728 Standard deviation: 2.07
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 88 Format: Numeric

CRIME: Victim of crime

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 30 Range: 0 - 30 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	41799	14.4%
1	None	236697	81.4%
2	Theft	9781	3.4%
4	Assault	772	0.3%
6	Theft & Assault	141	0%
8	Murder	535	0.2%
10	Theft & Murder	23	0%
12	Assault & Murder	9	0%
14	Theft, Assault & Murder	9	0%
16	Other crime	860	0.3%
18	Theft & Other	51	0%
20	Assault & Other	15	0%
22	Theft, Assault & Other	10	0%
24	Murder & Other	1	0%
26	Theft, Murder & Other	3	0%
28	Assault, Murder & Other	1	0%
30	Theft, Assault, Murder & Other	1	0%

FINANCIALSTATUS: Self reported financial status**Data file: HouseholdObservations****Overview**

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 16 Range: 0 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	34244	11.8%
1	Extremely Poor	7438	2.6%
2	Poor	52500	18.1%
3	Just getting by	181735	62.5%
4	Comfortable	14190	4.9%
5	Very Comfortable	601	0.2%

CUTMEALS: Reduced food intake**Data file: HouseholdObservations****Overview**

Valid: 273824 Invalid: 16884
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	264985	96.8%
1	Yes	8839	3.2%
Sysmiss		16884	

CUTMEALSFREQUENCY: Reduced food intake frequency**Data file: HouseholdObservations****Overview**

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	281954	97%
1	Almost every month	3325	1.1%
2	Some months not all	4744	1.6%
3	Only once or twice	685	0.2%
4	None	0	0%

NOTEAT: Skipped meals

Data file: HouseholdObservations

Overview

Valid: 273820 Invalid: 16888
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	268513	98.1%
1	Yes	5307	1.9%
Sysmiss		16888	

NOTEATFREQUENCY: Skipped meals frequency

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	285445	98.2%
1	Almost every month	2100	0.7%
2	Some months not all	2736	0.9%
3	Only once or twice	427	0.1%

4	None	0	0%
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CHILDMEALSKIP CUT: Children skipped meals

Data file: HouseholdObservations

Overview

Valid: 273798 Invalid: 16910
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	269304	98.4%
1	Yes	4494	1.6%
Sysmiss		16910	

CHILDMEALSKIP CUT FREQUENCY: Children skipped meals frequency

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	286255	98.5%
1	Almost every month	1898	0.7%
2	Some months not all	2225	0.8%
3	Only once or twice	330	0.1%
4	None	0	0%

CONSENTTOCALL: Consented to telephone surveillance

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	150112	51.6%
1	Yes	140596	48.4%

ROOFMATERIAL: Building material used for roof

Data file: HouseholdObservations

Overview

Valid: 40657 Invalid: 250051

Type: Discrete Decimal: 0 Width: 24 Range: 0 - 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	15986	39.3%
1	Brick	0	0%
2	Cement	470	1.2%
3	Other modern material	0	0%
4	Stabilised mud	44	0.1%
5	Traditional mud	1	0%
6	Wood	15	0%
7	Other informal structure	0	0%
8	Tiles	2987	7.3%
9	Modern carpet	0	0%
10	Other modern material	0	0%
11	Dirt	0	0%
12	Mat	0	0%
13	Other traditional	0	0%
14		1212	3%
15		4	0%
16		19872	48.9%
17		1	0%
18		61	0.2%
19		2	0%
20		2	0%

Sysmiss		250051	
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DISTANCETOWATER: Distance to water source

Data file: HouseholdObservations

Overview

Valid: 11763 Invalid: 278945
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing	0	0%
1	LT200m	5969	50.7%
2	BT201_500m	2703	23%
3	BT501_1km	523	4.4%
4	GT1km	168	1.4%
5	Unknown	2400	20.4%
Sysmiss		278945	

INTERNETACCESS: Internet access

Data file: HouseholdObservations

Overview

Valid: 24663 Invalid: 266045
 Type: Discrete Decimal: 0 Width: 11 Range: 0 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing	0	0%
1	HomeNetwork	3903	15.8%
2	Cellphone	13091	53.1%
3	WorkNetwork	189	0.8%
4	Elsewhere	48	0.2%
5	NoAccess	7432	30.1%
Sysmiss		266045	

LACKMONEY: Lack of money**Data file: HouseholdObservations****Overview**

Valid: 24645 Invalid: 266063
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	24148	98%
1	Yes	497	2%
Sysmiss		266063	

LACKMONEYFREQUENCY: Lack of money frequency**Data file: HouseholdObservations****Overview**

Valid: 40657 Invalid: 250051
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	40161	98.8%
1	Almost every month	293	0.7%
2	Some months not all	118	0.3%
3	Only once or twice	85	0.2%
4	None	0	0%
Sysmiss		250051	

EATHEALTHY: Eat healthy**Data file: HouseholdObservations****Overview**

Valid: 24651 Invalid: 266057
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	24166	98%
1	Yes	485	2%
Sysmiss		266057	

EATHEALTHYFREQUENCY: Eat healthy frequency

Data file: HouseholdObservations

Overview

Valid: 40657 Invalid: 250051

Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	40172	98.8%
1	Almost every month	286	0.7%
2	Some months not all	111	0.3%
3	Only once or twice	88	0.2%
4	None	0	0%
Sysmiss		250051	

LIMITEDFOOD: Limited food

Data file: HouseholdObservations

Overview

Valid: 24649 Invalid: 266059

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	24199	98.2%
1	Yes	450	1.8%
Sysmiss		266059	

LIMITEDFOODFREQUENCY: Limited food frequency**Data file: HouseholdObservations****Overview**

Valid: 40657 Invalid: 250051
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	40207	98.9%
1	Almost every month	278	0.7%
2	Some months not all	99	0.2%
3	Only once or twice	73	0.2%
4	None	0	0%
Sysmiss		250051	

SKIPMEALS: Skip meals**Data file: HouseholdObservations****Overview**

Valid: 24647 Invalid: 266061
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	24220	98.3%
1	Yes	427	1.7%
Sysmiss		266061	

SKIPMEALSFREQUENCY: Skip meals frequency**Data file: HouseholdObservations****Overview**

Valid: 40657 Invalid: 250051
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	40230	98.9%
1	Almost every month	259	0.6%
2	Some months not all	100	0.2%
3	Only once or twice	68	0.2%
4	None	0	0%
Sysmiss		250051	

OUTOFFOOD: Out of food

Data file: HouseholdObservations

Overview

Valid: 24649 Invalid: 266059

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	24241	98.3%
1	Yes	408	1.7%
Sysmiss		266059	

OUTOFFOODFREQUENCY: Out of food frequency

Data file: HouseholdObservations

Overview

Valid: 40657 Invalid: 250051

Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	40250	99%
1	Almost every month	266	0.7%
2	Some months not all	91	0.2%

3	Only once or twice	50	0.1%
4	None	0	0%
Sysmiss		250051	

WENTHUNGRY: Went hungry

Data file: HouseholdObservations

Overview

Valid: 24643 Invalid: 266065
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	24262	98.5%
1	Yes	381	1.5%
Sysmiss		266065	

WENTHUNGRYFREQUENCY: Went hungry frequency

Data file: HouseholdObservations

Overview

Valid: 40657 Invalid: 250051
 Type: Discrete Decimal: 0 Width: 19 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused/NAD	40276	99.1%
1	Almost every month	251	0.6%
2	Some months not all	89	0.2%
3	Only once or twice	41	0.1%
4	None	0	0%
Sysmiss		250051	

AGRIACTIVITYLOCATION: Agricultural activity location

Data file: HouseholdObservations

Overview

Valid: 8669 Invalid: 282039

Type: Discrete Decimal: 0 Width: 23 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing	0	0%
1	Farm land	425	4.9%
2	Backyard	7103	81.9%
3	Communal or tribal land	1140	13.2%
4	Other	1	0%
Sysmiss		282039	

LIGHTINGSOURCE: Source of lighting

Data file: HouseholdObservations

Overview

Valid: 40657 Invalid: 250051

Type: Discrete Decimal: 0 Width: 16 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Missing/Refused	15995	39.3%
1	Wood	0	0%
2	Gas	121	0.3%
3	Coal	0	0%
4	Electricity	0	0%
5	Paraffin	5	0%
6	Grid electricity	10868	26.7%
7	Generator	21	0.1%
8	Solar	65	0.2%
9	Dung	0	0%
10	Candles	13065	32.1%
89	None	429	1.1%
90	Other	72	0.2%
99	Unknown	16	0%

Sysmiss		250051	
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OWNERISMEMBER: Owner of the homestead is a household member

Data file: HouseholdObservations

Overview

Valid: 0 Invalid: 290708

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	No
1	Yes
Sysmiss	

HOUSEHOLDID: Unique household identifier

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20506.537 Standard deviation: 11827.036

Type: Continuous Decimal: 0 Width: 9 Range: 1 - 41014 Format: Numeric

OBSERVATIONID: Unique observation identifier

Data file: HouseholdObservations

Overview

Valid: 290708 Invalid: 0 Minimum: 1 Maximum: 290708 Mean: 145354.5 Standard deviation: 83920.315

Type: Continuous Decimal: 0 Width: 9 Range: 1 - 290708 Format: Numeric

Download related resources

Technical documents

DDI:HouseholdObservations

Title	DDI:HouseholdObservations
Author(s)	Nompumelelo Mkwanazi
Date	2026-02-19
Country	South Africa
Language	English
Publisher(s)	Nompumelelo Mkwanazi
Filename	HouseholdObservations.pdf
