

Kenya - Standardized Expanded Nutrition Survey (SENS), Kakuma and Kalobeyei Refugee Camps - 2019

UNHCR

Report generated on: September 24, 2021

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

Overview

Identification

ID NUMBER

UNHCR_KEN_2019_SENS_Kakuma_v2.1

Version

VERSION DESCRIPTION

- v2.1: Edited, anonymous dataset for licensed distribution.

PRODUCTION DATE

2020-01

Overview

ABSTRACT

The UNHCR Standardized Expanded Nutrition Surveys (SENS) provide regular nutrition data that plays a key role in delivering effective and timely interventions to ensure good nutritional outcomes among populations affected by forced displacement. UNHCR conducted an annual SENS nutrition surveys in Kakuma refugee camp and Kalobeyei Refugee Settlement.

At the time of the survey, the camp was hosting 186,515 refugees originating from 20 countries, comprised of 53.3% (99,320) males and 46.7% (87,195) females. These represented 148,295 from Kakuma and 38,220 from Kalobeyei and originating from 20 nationalities. The number of children under 5 years of age is currently estimated to be 20,468 from Kakuma and 7,576 from Kalobeyei or 15% of the total population. Women of reproductive age were 32,373 from Kakuma and 7,643 from Kalobeyei. According to the United Nations High Commission for Refugees (UNHCR) HIS database (Nov 2018), the main countries of origin are currently South Sudan, 57.8 %, and Somalia, 33.6 %, with the remaining percent originating from various countries in the region including Democratic republic of Congo (6.5%), Ethiopia (5.6%), and Burundi (5.4%) among others

Data collection started on the 27th November of 2019 in Kakuma and 8th of December of 2019 in Kalobeyei settlement. The overall aim of this survey was to assess the general nutrition and health status of refugee population and formulate workable recommendations for appropriate nutritional and public health interventions.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Children 0-23 months

Children 6-59 months

Women 15-49 years

Households

Scope

NOTES

Children 0-23 months: feeding practices

- Children 6-59 months: prevalence of acute malnutrition, underweight, stunting and anaemia, coverage of vit A supplementation, and prevalence of diarrhoea
- Women 15-49 years: prevalence of anaemia
- Households: food security

TOPICS

Topic	Vocabulary	URI
Health and Nutrition		
Health		
Water Sanitation Hygiene		
Food security		
Food Distribution		

Coverage

GEOGRAPHIC COVERAGE

Kakuma Refugee Camp and Kalobeyei Refugee Settlement in Turkana County, Kenya

UNIVERSE

Children 0-59 months

Women 15-49 years

Refugee households

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
UNHCR	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
UNHCR			

DATE OF METADATA PRODUCTION

2021-09

DDI DOCUMENT VERSION

1.0

DDI DOCUMENT ID

UNHCR_KEN_2019_SENS_Kakuma_DDI_v1.0

Sampling

Sampling Procedure

A two-stage cluster survey with probability proportion to size sampling was employed in this survey. Standardized Monitoring and Assessment of Relief and Transitions (SMART) methodology to collect and analyse data on child anthropometry and UNHCR's Standardised Expanded Nutrition Survey (SENS) Guidelines for Refugee Populations was used to guide data collection for other indicators.

The same households sampled by SMART were used in all indicators. Anaemia sample was drawn from the SMART sample size, as recommended by the UNHCR Standardised Expanded Nutrition Survey (SENS) Guidelines. For each of the indicators used, households and individuals were sampled as follows:

Household-level indicators:

- WASH: every household
- Food Security: every other household
- Mosquito net: every other household

Individual-level indicators:

- Children 0-59 months: all eligible children in all households were assessed (based on the above calculations)
- Women 15-49: all eligible women in every other household were assessed.

The sample size for children, 6-59 months, was calculated using ENA for SMART software (9th, July 2015) according to UNHCR SENS guidelines (version 2 (2013)). The calculation was based on the expected prevalence of global acute malnutrition (GAM) in children, 6-59 months. A precision of 3.5; a design effect (DEFF) of 1.5 for Kakuma and 1 for Kalobeyei; an average household size of 6.6 in Kakuma and 5.2 in Kalobeyei; and, percentage of children under the age of five was estimated at 19.5% in Kakuma and 14.9% in Kalobeyei, using the UNHCR ProGres data, November 2019.

A two-stage cluster survey was conducted using the Standardized Monitoring and Assessment of Relief and Transitions (SMART) methodology to collect and analyse data on child anthropometry. Information on other indicators was collected and analysed using UNHCR's Standardised Expanded Nutrition Survey (SENS) Guidelines for Refugee Populations (Version 2 2013) (see www.sens.unhcr.org).

ENA for SMART selects the clusters (blocks), once done a team was sent to a block to label the households numerically with indelible pens. Population density varies across the blocks at Kakuma. If a block contained 100 households or less, all households in the block were marked. If a Block contained more than 100 households then the team walked around the block to identify a path that divided the block into approximately two halves. One portion of the block was selected randomly. In the selected segment of the block the team proceeded to number all households from the first to the last. If there was more than one household in a particular compound, this was indicated at the entrance of the compound (e.g. 2019 SENS HH1). The numbering and labelling was done two days prior to commencement of the survey.

If there was more than one household in a particular compound, this was indicated at the entrance of the compound (e.g. HH1-HH6). The numbering and labelling was done three days prior to commencement of the survey.

Questionnaires

Overview

- 1) Children 6-59 months (SENS Modules 1-2): Anthropometric status, oedema, enrolment in selective feeding programmes and blanket feeding programmes (CSB++), immunisation (measles), vitamin A supplementation in last six months, de-worming, morbidity from diarrhoea in past two weeks, haemoglobin assessment.
- 2) Children 0-23 months (SENS Module 3): Questions on infant and young children feeding practices.
- 3) Women 15-49 years (SENS Module 2): Pregnancy status, coverage of iron-folic acid pills and post-natal vitamin A supplementation, MUAC measurements for pregnant and lactating women (PLW), and haemoglobin assessment for non-pregnant women.
- 4) Food Security (SENS Module 4): Access and use of the general food ration (GFR), coping mechanisms when the GFR ran out ahead of time and household food dietary diversity using the food consumption score.

Data Collection

Data Collection Dates

Start	End	Cycle
2019-11-19	2019-12-31	N/A

Data Collection Mode

Face-to-face interview: Mobile

Questionnaires

- 1) Children 6-59 months (SENS Modules 1-2): Anthropometric status, oedema, enrolment in selective feeding programmes and blanket feeding programmes (CSB++), immunisation (measles), vitamin A supplementation in last six months, de-worming, morbidity from diarrhoea in past two weeks, haemoglobin assessment.
- 2) Children 0-23 months (SENS Module 3): Questions on infant and young children feeding practices.
- 3) Women 15-49 years (SENS Module 2): Pregnancy status, coverage of iron-folic acid pills and post-natal vitamin A supplementation, MUAC measurements for pregnant and lactating women (PLW), and haemoglobin assessment for non-pregnant women.
- 4) Food Security (SENS Module 4): Access and use of the general food ration (GFR), coping mechanisms when the GFR ran out ahead of time and household food dietary diversity using the food consumption score.

Data Collectors

Name	Abbreviation	Affiliation
UNHCR		

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

Children's Module 11

Content

Cases 1183

Variable(s) 43

Structure
Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	i_camp	Camp	discrete	numeric	
V2	survdate	Survey date	discrete	character	
V3	hhid	Household ID	contin	numeric	
V4	id	Child ID in household	discrete	numeric	
V5	sex	Sex	discrete	numeric	
V6	months	Age in months	contin	numeric	
V7	weight	Weight	contin	numeric	
V8	height	Height	contin	numeric	
V9	edema	Bilateral edema	discrete	numeric	
V10	muac	Measurement of upper arm circumference	contin	numeric	
V11	enrol	Enrolment in selective feeding programme	discrete	numeric	
V12	x_elig_ref	Child eligible for referral to selective feeding program	discrete	numeric	
V13	bsfp	Is child currently enrolled in the BSFP?	discrete	numeric	
V14	measles	Has child been vaccinated against measles?	discrete	numeric	
V15	vita	Has child received Vit. A capsule in last 6 months?	discrete	numeric	
V16	deworm	Has child received deworming supplement in last 6 months?	discrete	numeric	
V17	diar	Has child suffered from diarrhoea in last 2 weeks?	discrete	numeric	
V18	diarfeed		discrete	numeric	
V19	chhb	Child's haemoglobin (Hb) in g/dL (± 0.1 g/dL) or in g/L (± 1 g/L)	contin	numeric	
V20	refer	If haemoglobin is <6, child is referred to clinic	discrete	numeric	
V21	everbf	Has CHILD ever been breastfed?	discrete	numeric	
V22	initbf	How long after birth did you put CHILD to breast?	discrete	numeric	
V23	yestbf	Was CHILD breastfed yesterday?	discrete	numeric	
V24	water	Yesterday, was CHILD given WATER?	discrete	numeric	
V25	inform	Yesterday, was CHILD given INFANT FORMULA?	discrete	numeric	
V26	milk	Yesterday, was CHILD given MILK/POWDERED MILK?	discrete	numeric	
V27	juice	Yesterday, was CHILD given JUICE?	discrete	numeric	
V28	broth	Yesterday, was CHILD given BROTH?	discrete	numeric	

V29	yogurt	Yesterday, was CHILD given YOGURT?	discrete	numeric
V30	thinpor	Yesterday, was CHILD given THIN PORRIDGE?	discrete	numeric
V31	whteacof	Yesterday, was CHILD given TEA/COFFEE?	discrete	numeric
V32	watlqd	Yesterday, was CHILD given ANY OTHER LIQUID?	discrete	numeric
V33	food	Yesterday, was CHILD given SOLID FOOD?	discrete	numeric
V34	bottle	Yesterday, was CHILD given ANYTHING FROM A BOTTLE?	discrete	numeric
V35	fleshfd	Yesterday, was CHILD given MEAT?	discrete	numeric
V36	fbf	Yesterday ate fortified-based foods	discrete	numeric
V37	fbfsuper	Yesterday ate super foods	discrete	numeric
V38	rutf	Yesterday ate ready-to-use therapeutic food (RUTF)	discrete	numeric
V39	rusf	Yesterday ate ready-to-use supplementary food (RUSF)	discrete	numeric
V40	informfe	Yesterday ate iron-fortified infant formula	discrete	numeric
V41	foodfe	Yesterday ate any iron-fortified food	discrete	numeric
V42	chconst	Consent	discrete	numeric
V43	surv_weight		contin	numeric

HH Food Security Module 11

Content

Cases 1534

Variable(s) 55

Structure
Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V44	camps	Camp	discrete	numeric	
V45	subcamps	Subcamp	discrete	numeric	
V46	survdate_c	Date of interview	discrete	numeric	
V47	fsconst	Consent to conduct interview	discrete	numeric	
V48	hysize	Household Size	discrete	numeric	
V49	simcard	Does your household have a Bamba Chakula sim card?	discrete	numeric	
V50	whynosimcard	Why doesn't your household have a simcard?	discrete	numeric	
V51	gfdlast	Number of days food distrubtion lasted	contin	numeric	
V52	gfdreason	Why did the general ration/Bamba Chakula did not last until end of the month?	discrete	numeric	
V53	bambachakula	Did you use the Bamba Chakula to buy items?	discrete	numeric	
V54	crl1	Items bought: cereals	discrete	numeric	
V55	pulses1	Items bought: pulses	discrete	numeric	
V56	oil1	Items bought: oils	discrete	numeric	
V57	sugar1	Items bought: sweets	discrete	numeric	
V58	fruit1	Items bought: Fruits	discrete	numeric	
V59	teas	Items bought: tea	discrete	numeric	
V60	salts	Items bought: salts	discrete	numeric	
V61	milk1	Items bought: milk	discrete	numeric	
V62	eggs1	Items bought: eggs	discrete	numeric	
V63	drinkjuice	Items bought: drinking juice	discrete	numeric	
V64	meat1	Items bought: meats	discrete	numeric	
V65	voucherfood	Items bought: voucher based food	discrete	numeric	
V66	firewood	Items bought: firewood	discrete	numeric	
V67	shoes	Items bought: shoes	discrete	numeric	
V68	mobile	Items bought: Airtime	discrete	numeric	
V69	school	Items bought: School materials	discrete	numeric	
V70	busfare	Items bought: Bus fares	discrete	numeric	
V71	detergent	Items bought: Detergent	discrete	numeric	

V72	cooking	Items bought: Cooking utensils	discrete	numeric
V73	miraakhat	Items bought: Miraa/Khat	discrete	numeric
V74	cosmetics	Items bought: Cosmetics	discrete	numeric
V75	brw	Last month: Anyone in hh has borrowed money?	discrete	numeric
V76	sold	Last month: Anyone in hh has sold assets	discrete	numeric
V77	askmore	Last month: Anyone in hh requested remittances?	discrete	numeric
V78	lessmeal	Last month: Anyone in hh reduced quantity of meals?	discrete	numeric
V79	beg	Last month: Anyone in hh begged for food?	discrete	numeric
V80	nonesum	Sum of Coping Mechanisms	discrete	numeric
V81	crl	FCS: White roots, tubers, starches	discrete	numeric
V82	whtrt	FCS pulses	discrete	numeric
V83	vitaveg	FCS vit A rich vegetables / tubers	discrete	numeric
V84	greenveg	FCS green vegetables	discrete	numeric
V85	othveg	FCS other vegetables	discrete	numeric
V86	vitafrt	FCS vit A rich fruits	discrete	numeric
V87	othfrt	FCS other fruits	discrete	numeric
V88	orgmt	FCS organ meat	discrete	numeric
V89	flshmt	FCS flesh meat	discrete	numeric
V90	eggs	FCS eggs	discrete	numeric
V91	fishsf	FCS fish	discrete	numeric
V92	pulse	FCS pulses	discrete	numeric
V93	milk	FCS milk	discrete	numeric
V94	fats	FCS fats	discrete	numeric
V95	swts	FCS sweets	discrete	numeric
V96	spice	FCS spices, condiments, beverages	discrete	numeric
V97	fortif	FCS fortified food	discrete	numeric
V98	surv_weight		contin	numeric

Women's Module 11

Content

Cases 782

Variable(s) 13

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V99	wcamp	Camp	discrete	numeric	
V100	ID	Household ID	contin	numeric	
V101	wmid	ID	discrete	numeric	
V102	wmconst	Consent	discrete	numeric	
V103	age	Age	discrete	numeric	
V104	pregnant	Pregnant	discrete	numeric	
V105	lactating	Breastfeeding	discrete	numeric	
V106	anc	Antenatal care (ANC) program	discrete	numeric	
V107	ferec	Receiving iron-folate pills	discrete	numeric	
V108	wmhb	Haemoglobin in g/dL ($\hat{A}\pm 0.1$ g/dL) or in g/L ($\hat{A}\pm 1$ g/L)	contin	numeric	
V109	womenmuac	MUAC in mm ($\hat{A}\pm 1$ mm) or cm ($\hat{A}\pm 0.1$ cm)	contin	numeric	
V110	refer	Referral to health centre	discrete	numeric	
V111	surv_weight	Survey weight	contin	numeric	

Camp (i_camp)

File: Children's Module 11

Overview

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

Valid cases: 1183
 Invalid: 0

Survey date (survdate)

File: Children's Module 11

Overview

Type: Discrete
 Format: character
 Width: 11

Valid cases: 1183
 Minimum: NaN
 Maximum: NaN

Household ID (hhid)

File: Children's Module 11

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 1-788

Valid cases: 1183
 Invalid: 0
 Minimum: 1
 Maximum: 788
 Mean: 384.2
 Standard deviation: 228.5

Child ID in household (id)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-4

Valid cases: 1183
 Invalid: 0

Sex (sex)

File: Children's Module 11

Overview

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

Valid cases: 1183
 Invalid: 0

Age in months (months)

File: Children's Module 11

Overview

Type: Continuous	Valid cases: 841
Format: numeric	Invalid: 342
Width: 10	Minimum: 0
Decimals: 0	Maximum: 64
Range: 0-64	Mean: 31
	Standard deviation: 16.1

Weight (weight)**File: Children's Module 11****Overview**

Type: Continuous	Valid cases: 1144
Format: numeric	Invalid: 39
Width: 10	Minimum: 5.2
Decimals: 0	Maximum: 21.5
Range: 5.2-21.5	Mean: 11.5
	Standard deviation: 2.9

Height (height)**File: Children's Module 11****Overview**

Type: Continuous	Valid cases: 1141
Format: numeric	Invalid: 42
Width: 10	Minimum: 57.9
Decimals: 0	Maximum: 112.5
Range: 57.9-112.5	Mean: 86.3
	Standard deviation: 11.9

Bilateral edema (edema)**File: Children's Module 11****Overview**

Type: Discrete	Valid cases: 1183
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-2	

Measurement of upper arm circumference (muac)**File: Children's Module 11****Overview**

Type: Continuous	Valid cases: 1144
Format: numeric	Invalid: 39
Width: 10	Minimum: 11.2
Decimals: 0	Maximum: 190
Range: 11.2-190	Mean: 71
	Standard deviation: 67.3

Enrolment in selective feeding programme (enrol)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-3

Valid cases: 1145
 Invalid: 38

Child eligible for referral to selective feeding program (x_elig_ref)

File: Children's Module 11

Overview

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

Valid cases: 17
 Invalid: 1166

Is child currently enrolled in the BSFP? (bsfp)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 439
 Invalid: 744

Has child been vaccinated against measles? (measles)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-3

Valid cases: 1085
 Invalid: 98

Has child received Vit. A capsule in last 6 months? (vita)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-3

Valid cases: 1146
 Invalid: 37

Has child received deworming supplement in last 6 months? (deworm)

File: Children's Module 11

Overview

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

Valid cases: 705
Invalid: 478

Has child suffered from diarrhoea in last 2 weeks? (diar)

File: Children's Module 11

Overview

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 1-8

Valid cases: 1146
Invalid: 37

(diarfeed)

File: Children's Module 11

Overview

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 1-4

Valid cases: 164
Invalid: 1019

Child's haemoglobin (Hb) in g/dL ($\hat{\pm}0.1$ g/dL) or in g/L ($\hat{\pm}1$ g/L)
(chhb)

File: Children's Module 11

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 5.5-17.2

Valid cases: 1140
Invalid: 43
Minimum: 5.5
Maximum: 17.2
Mean: 10.7
Standard deviation: 1.5

If haemoglobin is <6, child is referred to clinic (refer)

File: Children's Module 11

Overview

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

Valid cases: 17
Invalid: 1166

Has CHILD ever been breastfed? (everbf)

File: Children's Module 11

Overview

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

Valid cases: 474
 Invalid: 709

How long after birth did you put CHILD to breast? (initbf)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 452
 Invalid: 731

Was CHILD breastfed yesterday? (yestbf)

File: Children's Module 11

Overview

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

Valid cases: 451
 Invalid: 732

Yesterday, was CHILD given WATER? (water)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given INFANT FORMULA? (inform)

File: Children's Module 11

Overview

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

Valid cases: 474
 Invalid: 709

Yesterday, was CHILD given MILK/POWDERED MILK? (milk)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given JUICE? (juice)

File: Children's Module 11

Overview

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

Valid cases: 474
 Invalid: 709

Yesterday, was CHILD given BROTH? (broth)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given YOGURT? (yogurt)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given THIN PORRIDGE? (thinpor)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given TEA/COFFEE? (whteacof)

File: Children's Module 11

Overview

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

Valid cases: 474
 Invalid: 709

Yesterday, was CHILD given ANY OTHER LIQUID? (watlqd)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given SOLID FOOD? (food)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given ANYTHING FROM A BOTTLE? (bottle)

File: Children's Module 11

Overview

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

Valid cases: 475
 Invalid: 708

Yesterday, was CHILD given MEAT? (fleshfd)

File: Children's Module 11

Overview

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

Valid cases: 438
 Invalid: 745

Yesterday ate fortified-based foods (fbf)

File: Children's Module 11

Overview

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

Valid cases: 439
 Invalid: 744

Yesterday ate super foods (fbfsuper)

File: Children's Module 11

Overview

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

Valid cases: 439
 Invalid: 744

Yesterday ate ready-to-use therapeutic food (RUTF) (rutf)

File: Children's Module 11

Overview

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

Valid cases: 438
 Invalid: 745

Yesterday ate ready-to-use supplementary food (RUSF) (rusf)

File: Children's Module 11

Overview

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

Valid cases: 439
 Invalid: 744

Yesterday ate iron-fortified infant formula (informfe)

File: Children's Module 11

Overview

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

Valid cases: 439
 Invalid: 744

Yesterday ate any iron-fortified food (foodfe)

File: Children's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 438
 Invalid: 745

Consent (chconst)

File: Children's Module 11

Overview

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

Valid cases: 1183
 Invalid: 0

(surv_weight)

File: Children's Module 11

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 8.67005813953488-56.250505050505

Valid cases: 1183
 Invalid: 0
 Minimum: 8.7
 Maximum: 56.3
 Mean: 28.6
 Standard deviation: 23.5

Camp (camps)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Subcamp (subcamps)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-7

Valid cases: 1534
 Invalid: 0

Date of interview (survdate_c)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-14

Valid cases: 1534
 Invalid: 0

Consent to conduct interview (fsconst)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Household Size (hhsz)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-15

Valid cases: 1504
 Invalid: 30

Does your household have a Bamba Chakula sim card? (simcard)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Why doesn't your household have a simcard? (whynosimcard)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-3

Valid cases: 6
 Invalid: 1528

Number of days food distrubtion lasted (gfdlast)

File: HH Food Security Module 11

Overview

Type: Continuous
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 0-31

Valid cases: 1534
 Invalid: 0
 Minimum: 0
 Maximum: 31
 Mean: 16.7
 Standard deviation: 5.8

Why did the general ration/Bamba Chakula did not last until end of the month? (gfdreason)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-4

Valid cases: 1509
 Invalid: 25

Did you use the Bamba Chakula to buy items? (bambachakula)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Items bought: cereals (crl1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: pulses (pulses1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: oils (oil1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: sweets (sugar1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: Fruits (fruit1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: tea (teas)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Items bought: salts (salts)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Items bought: milk (milk1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Items bought: eggs (eggs1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Items bought: drinking juice (drinkjuice)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Items bought: meats (meat1)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: voucher based food (voucherfood)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
Invalid: 0

Items bought: firewood (firewood)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
Invalid: 1456

Items bought: shoes (shoes)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
Invalid: 1456

Items bought: Airtime (mobile)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
Invalid: 1456

Items bought: School materials (school)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
 Invalid: 1456

Items bought: Bus fares (busfare)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
 Invalid: 1456

Items bought: Detergent (detergent)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
 Invalid: 1456

Items bought: Cooking utensils (cooking)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
 Invalid: 1456

Items bought: Miraa/Khat (miraakhat)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
 Invalid: 1456

Items bought: Cosmetics (cosmetics)

File: HH Food Security Module 11

Overview

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

Valid cases: 78
 Invalid: 1456

Last month: Anyone in hh has borrowed money? (brw)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Last month: Anyone in hh has sold assets (sold)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 1534
 Invalid: 0

Last month: Anyone in hh requested remittances? (askmore)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Last month: Anyone in hh reduced quantity of meals? (lessmeal)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

Last month: Anyone in hh begged for food? (beg)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 1534
 Invalid: 0

Sum of Coping Mechanisms (nonesum)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 5-13

Valid cases: 262
 Invalid: 1272

FCS: White roots, tubers, starches (crl)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS pulses (whtrt)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS vit A rich vegetables / tubers (vitaveg)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS green vegetables (greenveg)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS other vegetables (othveg)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS vit A rich fruits (vitafrt)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS other fruits (othfrt)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS organ meat (orgmt)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS flesh meat (flshmt)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS eggs (eggs)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS fish (fishsf)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS pulses (pulse)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS milk (milk)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS fats (fats)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS sweets (swts)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS spices, condiments, beverages (spice)

File: HH Food Security Module 11

Overview

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

Valid cases: 1534
 Invalid: 0

FCS fortified food (fortif)

File: HH Food Security Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-8

Valid cases: 1534
 Invalid: 0

(surv_weight)

File: HH Food Security Module 11

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 5.77830188679245-85.7595419847328

Valid cases: 1534
 Invalid: 0
 Minimum: 5.8
 Maximum: 85.8
 Mean: 19.4
 Standard deviation: 30.1

Camp (wcamp)

File: Women's Module 11

Overview

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

Valid cases: 782
 Invalid: 0

Household ID (ID)

File: Women's Module 11

Overview

Type: Continuous
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-583

Valid cases: 782
 Invalid: 0
 Minimum: 1
 Maximum: 583
 Mean: 273.2
 Standard deviation: 167.4

ID (wmid)

File: Women's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-5

Valid cases: 782
 Invalid: 0

Consent (wmconst)

File: Women's Module 11

Overview

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

Valid cases: 782
 Invalid: 0

Age (age)

File: Women's Module 11

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-7

Valid cases: 782
 Invalid: 0

Pregnant (pregnant)

File: Women's Module 11

Overview

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 1-8

Valid cases: 782
Invalid: 0

Breastfeeding (lactating)

File: Women's Module 11

Overview

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

Valid cases: 782
Invalid: 0

Antenatal care (ANC) program (anc)

File: Women's Module 11

Overview

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

Valid cases: 44
Invalid: 738

Receiving iron-folate pills (ferec)

File: Women's Module 11

Overview

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

Valid cases: 44
Invalid: 738

Haemoglobin in g/dL ($\hat{\pm}0.1$ g/dL) or in g/L ($\hat{\pm}1$ g/L) (wmhb)

File: Women's Module 11

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 4.5-16.7

Valid cases: 635
Invalid: 147
Minimum: 4.5
Maximum: 16.7
Mean: 12.5
Standard deviation: 1.7

MUAC in mm ($\hat{\pm}1\text{mm}$) or cm ($\hat{\pm}0.1\text{cm}$) (womenmuac)

File: Women's Module 11

Overview

Type: Continuous	Valid cases: 304
Format: numeric	Invalid: 478
Width: 10	Minimum: 18
Decimals: 0	Maximum: 45.5
Range: 18-45.5	Mean: 28
	Standard deviation: 4.3

Referral to health centre (refer)

File: Women's Module 11

Overview

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 772
Width: 12	
Decimals: 0	
Range: 1-1	

Survey weight (surv_weight)

File: Women's Module 11

Overview

Type: Continuous	Valid cases: 782
Format: numeric	Invalid: 0
Width: 10	Minimum: 21.7
Decimals: 0	Maximum: 92.1
Range: 21.6814159292035-92.0860655737705	Mean: 54.7
	Standard deviation: 35.2

Documentation

Reports

Report

Title	Report
Filename	KAKUMA_PRELIM SENS REPORT 2019_cleaned.docx
