

Kenya - Standardized Expanded Nutrition Survey (SENS), Dadaab Refugee Camps - 2017

**UNHCR, IRC, Kenyan Red Cross, Mediciens sans Frontieres, Islamic Relief Kenya,
WFP**

Report generated on: December 22, 2021

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Overview

Identification

ID NUMBER

UNHCR_KEN_2017_SENS_Dadaab_v2.1

Version

VERSION DESCRIPTION

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

PRODUCTION DATE

2018-01

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.

The refugee complex of Dadaab is home to an estimate of 208,000 registered refugees of which the vast majority are Somalis who fled conflict and drought in their home country several decades ago. The Dadaab refugee complex is situated in northeastern Kenya, near the border with Somalia. Dadaab was established in the year 1991 following the beginning of the civil war in Somalia. Somalis were forced to flee as the war worsened, leaving to neighbouring countries including Kenya, Ethiopia and Sudan. Today, Dadaab is home to refugees from many countries in eastern and central Africa, including South Sudan, Burundi, Congo, Ethiopia, Eritrea and Somalia. Somali refugees make up more than 90% of the population. Until early 2017, it consisted of five refugee camps. However, one of the camps, Kambioos, which was also the newest, was closed in March 2017 as refugees began returning to Somalia and the few remaining moved into the other camps. Ifo 2 camp was closed in May 2018 in line with the camp consolidation approach, with refugees either moving to the other camps or being repatriated voluntarily. Refugees live in mud-walled houses with iron sheeting roofs, while some, especially new arrivals, live in tents.

The Standardised Expanded Nutrition Survey (SENS) was conducted in the 4 Dadaab refugee camps (Dagahaley, Ifo, Ifo 2 and Hagadera) between 28 August and 23 September 2017 by nutrition partners (MSF-Switzerland, Islamic Relief Kenya, International Rescue Committee and Kenya Red Cross) with overall coordination by UNHCR supported by WFP.

After the increase in the prevalence of GAM observed in 2016 (10.2% weighted prevalence of GAM in all camps from 8.1% in 2015), the 2017 SENS indicated weighted prevalence of GAM 9.7% which is close to what it was in 2016. The difference between the weighted prevalence of GAM in all the camps in 2016 and 2017 is not statistically significant. However, it is to be mentioned that the prevalence of GAM in Dagahaley, Hagadera, and Ifo 2 camp is 8.3%, 8.6%, and 9.4% which is classified as POOR nutrition situation, while in Ifo camp it is 12.7% classified as SERIOUS nutrition situation as per the WHO classification of the public health significance. Overall, weighted anaemia prevalence showed a sharp increase among children aged 6-59 months to 60.7%, up from 49.7% in 2016. This is well above the 40% of public health significance (critical threshold) and requires attention. In all camps, anaemia was well above the 40% of public health significance (critical threshold). The children 6-23 age group had the highest prevalence of anaemia; however, the prevalence in the children 24-35 age group was also very concerning as it was above the critical threshold in all camps.

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; WASH knowledge, attitudes and practices. WASH module is not available for Hagadera camp.

TOPICS

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

Coverage

GEOGRAPHIC COVERAGE

Dadaab Refugee Camps (Ifo,Ifo2, Dagahaley and Hagadera), in Northern Kenya

UNIVERSE

Children 0-59 months

Women 15-49 years

Refugee households

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
UNHCR	
IRC	
Kenyan Red Cross	
Medicins sans Frontieres	
Islamic Relief Kenya	
WFP	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
UNHCR			

DATE OF METADATA PRODUCTION

2021-12

DDI DOCUMENT VERSION

1.0

DDI DOCUMENT ID

UNHCR_KEN_2017_SENS_Dadaab_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 2-stage cluster sampling method was used to select 30 clusters from each of the 3 camps. At the first stage, a list of blocks was made before the required number were selected using sampling with probability proportional to size (PPS) using ENA software. In nearly all cases, a cluster was the equivalent of a block. However, there were exceptions where, for some larger blocks, more than 1 cluster was selected. In this case, the blocks were split further to cater for more than one cluster. In the event that a selected block had more than 250 households, according to SMART guidance, segmentation was done, after which one of the segments was randomly selected to be the cluster.

All households in the selected clusters were labelled before data collection. At the second stage, the required number of households were selected using systematic random sampling from a list of households. A random number was selected between 1 and the sampling interval, which was calculated by dividing the total number of households in the cluster with the required number of households. The selected number became the first household to be surveyed. Subsequent households were selected by adding the sampling interval until the required number of households were completed. All eligible children below 5 years of age from all selected households were surveyed for the Child Anthropometry and Health, and Infant and Young Child Feeding (IYCF), and WASH. Half of the selected households were selected for the Food Security and Women questionnaire. The survey respondents were the primary caretakers of children below 5 years. Abandoned households were not included in the sampling frame. Absent households or households where children were absent were re-visited before the end of the day. If they were found to be empty, they were recorded as missing and were not replaced. Children who were in health centres at the time of the survey were recorded as absent.

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.
- 5) WASH (SENS Module 5): Water, sanitation and hygiene- Questions on quality and quantity of drinking water, satisfaction with the drinking water supply, and sanitation facilities

Data Collection

Data Collection Dates

Start	End	Cycle
2017-08-28	2017-09-23	N/A

Data Collection Mode

Face-to-face interview: Mobile

Data Collection Notes

A household was defined as: a group of people who live together and routinely eat out of the same pot. Where two families share the same pot, they were assessed as one household even if they lived in the same compound.

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.
- 5) WASH (SENS Module 5): Water, sanitation and hygiene- Questions on quality and quantity of drinking water, satisfaction with the drinking water supply, and sanitation facilities

Data Collectors

Name	Abbreviation	Affiliation
UNHCR		
IRC		
Kenyan Red Cross		
Medicins Sans Frontieres		
WFP		
Islamic Relief Kenya		

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

HH FS Dadaab 2017

Content

Cases 1135

Variable(s) 51

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V228	camp	Camp	discrete	character	
V229	fsconst	Consent to conduct interview	discrete	numeric	
V230	rcard	Does your household have a ration card?	discrete	numeric	
V231	ynorcard	Why does your household not have a ration card?	discrete	numeric	
V232	simcard	Does your household have a simcard/Bamba Chakula?	discrete	numeric	
V233	whynosimcard	Why does your household not have a Sim Card?	contin	numeric	
V234	gfdlast	Number of days food distrubtion lasted	contin	numeric	
V235	gfdreason	Why did the general ration/Bamba Chakula did not last until end of the month?	discrete	numeric	
V236	crl1	Items bought with Sim Card: Cereals	discrete	numeric	
V237	pulses1	Items bought with Sim Card: Pulses	discrete	numeric	
V238	oil1	Items bought with Sim Card: Oils	discrete	numeric	
V239	sugar1	Items bought with Sim Card: Sugar	discrete	numeric	
V240	fruit1	Items bought with Sim Card: Fruits	discrete	numeric	
V241	teas	Items bought with Sim Card: Tea	discrete	numeric	
V242	salts	Items bought with Sim Card: Salt	discrete	numeric	
V243	milk1	Items bought with Sim Card: Milk	discrete	numeric	
V244	eggs1	Items bought with Sim Card: Eggs	discrete	numeric	
V245	drinkjuice	Items bought with Sim Card: Drinks/Juice	discrete	numeric	
V246	meat1	Items bought with Sim Card: Meats/Fish	discrete	numeric	
V247	firewood	Items bought with Sim Card: Firewood	discrete	numeric	
V248	shoes	Items bought with Sim Card: Shoes	discrete	numeric	
V249	mobile	Items bought with Sim Card: Mobile phone airtime	discrete	numeric	
V250	school	Items bought with Sim Card: school materials	discrete	numeric	
V251	busfare	Items bought with Sim Card: Bus fare	discrete	numeric	
V252	detergent	Items bought with Sim Card: Detergent	discrete	numeric	
V253	cooking	Items bought with Sim Card: Cooking utensils	discrete	numeric	
V254	miraakhat	Items bought with Sim Card: Miraa/khat	discrete	numeric	
V255	cosmetics	Items bought with Sim Card: Cosmetics	discrete	numeric	

V256	brw	Last month: Anyone in hh has borrowed money?	discrete	numeric
V257	sold	Last month: Anyone in hh has sold assets	discrete	numeric
V258	askmore	Last month: Anyone in hh requested remittances?	discrete	numeric
V259	lessmeal	Last month: Anyone in hh reduced quantity of meals?	discrete	numeric
V260	beg	Last month: Anyone in hh begged for food?	discrete	numeric
V261	crl	FCS: Cereals	discrete	numeric
V262	whtrt	FCS: White roots, tubers, starches	discrete	numeric
V263	vitaveg	FCS vit A rich vegetables / tubers	discrete	numeric
V264	greenveg	FCS green vegetables	discrete	numeric
V265	othveg	FCS other vegetables	discrete	numeric
V266	vitafrt	FCS vit A rich fruits	discrete	numeric
V267	othfrt	FCS other fruits	discrete	numeric
V268	orgmt	FCS organ meat	discrete	numeric
V269	flshmt	FCS flesh meat	discrete	numeric
V270	eggs	FCS eggs	discrete	numeric
V271	fishsf	FCS fish	discrete	numeric
V272	pulse	FCS pulses	discrete	numeric
V273	milk	FCS milk	discrete	numeric
V274	fats	FCS fats	discrete	numeric
V275	swts	FCS sweets	discrete	numeric
V276	spice	FCS spices, condiments, beverages	discrete	numeric
V277	fortif		discrete	numeric
V278	surv_weight		contin	numeric

HH WASH Dadaab 2017

Content

Cases 839

Variable(s) 16

Structure
Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V279	camp	Camp	discrete	character	
V280	wsconst	Consent	discrete	numeric	
V281	hysize	Household size	discrete	numeric	
V282	source	Source of drinking water	discrete	numeric	
V283	satisfy	Satisfied with drinking water supply?	discrete	numeric	
V284	reason	Reason not satisfied with drinking water supply	discrete	numeric	
V285	toilet	What kind of toilet does this hh use?	discrete	numeric	
V286	toilshr	How many households share this toilet?	contin	numeric	
V287	toilshr_c	Number of households sharing the toilet	discrete	numeric	
V288	child	Children less than 3 years old in the HH	discrete	numeric	
V289	stool	Where are child's stool disposed?	discrete	numeric	
V290	container	# of containers to collect water	discrete	numeric	
V291	x_tot_lit_day	Number of litres of water per day	contin	numeric	
V292	lpppd	Liters per person per day	contin	numeric	
V293	store	Are the drinking containers covered or narrow necked?	discrete	numeric	
V294	surv_weight	Survey Weight	contin	numeric	

Infants Dadaab 2017

Content

Cases	2793
Variable(s)	38
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V295	camp	Camp	discrete	character	
V296	hhid	Household ID	contin	numeric	
V297	id	Child ID in household	discrete	numeric	
V298	sex	Gender	discrete	character	
V299	months	Age in Months	contin	numeric	
V300	weight	Weight	contin	numeric	
V301	height	Height	contin	numeric	
V302	edema	Bilateral edema	discrete	character	
V303	muac_mm	Measurement of upper arm circumference	contin	numeric	
V304	x_elig_ref	Child eligible for referral	discrete	numeric	
V305	enrol	Enrolment in selective feeding programme	discrete	numeric	
V306	measles	Has child been vaccinated against measles?	discrete	numeric	
V307	vita	Has child received Vit. A capsule in last 6 months?	discrete	numeric	
V308	deworm	Has child received deworming supplement in last 6 months?	discrete	numeric	
V309	diar	Has child suffered from diarrhoea in last 2 weeks?	discrete	numeric	
V310	chhb	Child's haemoglobin (Hb) in g/dL (± 0.1 g/dL) or in g/L (± 1 g/L)	contin	numeric	
V311	refer	If haemoglobin is <6, child is referred to clinic	discrete	numeric	
V312	everbf	Has CHILD ever been breastfed?	discrete	numeric	
V313	initbf	How long after birth did you put CHILD to breast?	discrete	numeric	
V314	yestbf	Was CHILD breastfed yesterday?	discrete	numeric	
V315	water	Yesterday, was CHILD given WATER?	discrete	numeric	
V316	inform	Yesterday, was CHILD given INFANT FORMULA?	discrete	numeric	
V317	milk	Yesterday, was CHILD given MILK/POWDERED MILK?	discrete	numeric	
V318	juice	Yesterday, was CHILD given JUICE?	discrete	numeric	
V319	broth	Yesterday, was CHILD given BROTH?	discrete	numeric	
V320	yogurt	Yesterday, was CHILD given YOGURT?	discrete	numeric	
V321	thinpor	Yesterday, was CHILD given THIN PORRIDGE?	discrete	numeric	
V322	whitecof	Yesterday, was CHILD given TEA/COFFEE?	discrete	numeric	

V323	watlqd	Yesterday, was CHILD given ANY OTHER LIQUID?	discrete	numeric
V324	food	Yesterday, was CHILD given SOLID FOOD?	discrete	numeric
V325	bottle	Yesterday, was CHILD given ANYTHING FROM A BOTTLE?	discrete	numeric
V326	fleshfd	Yesterday, was CHILD given MEAT?	discrete	numeric
V327	fbf	Yesterday, was CHILD given CSB (fortified blended foods)?	discrete	numeric
V328	fbfsuper	Yesterday, was CHILD given CSB+ (new FBF)?	discrete	numeric
V329	rutf	Yesterday ate ready-to-use therapeutic food (RUTF)	discrete	numeric
V330	rusf	Yesterday ate ready-to-use supplementary food (RUSF)	discrete	numeric
V331	informfe	Yesterday, was CHILD given iron-fortified meals?	discrete	numeric
V332	surv_weight		contin	numeric

Women's Dadaab 2017

Content

Cases 1158

Variable(s) 14

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V333	camp_w	Camp	discrete	character	
V334	hhid	Household ID	contin	numeric	
V335	wmid	Woman ID within household	discrete	numeric	
V336	wmconst	Consent	discrete	numeric	
V337	age	Age	discrete	numeric	
V338	pregnant	Pregnant	discrete	numeric	
V339	lactating	Breastfeeding	discrete	numeric	
V340	anc	Antenatal care (ANC) program	discrete	numeric	
V341	ferec	Receiving iron-folate pills	discrete	numeric	
V342	wmhb	Haemoglobin in g/dL ($\hat{A}\pm 0.1$ g/dL) or in g/L ($\hat{A}\pm 1$ g/L)	contin	numeric	
V343	wmuac	Measurement of upper arm circumference	contin	numeric	
V344	refer	Referral to health centre	discrete	numeric	
V345	enrol	Enrolled in any nutrition program?	discrete	numeric	
V346	surv_weight	Survey Weight	contin	numeric	

Camp (camp)

File: HH FS Dadaab 2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 1133
Invalid: 0

Consent to conduct interview (fsconst)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1135
Invalid: 0

Does your household have a ration card? (rcard)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1135
Invalid: 0

Why does your household not have a ration card? (ynorcard)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 13
Invalid: 1122

Does your household have a simcard/Bamba Chakula? (simcard)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1135
Invalid: 0

Why does your household not have a Sim Card? (whynosimcard)

File: HH FS Dadaab 2017

Overview

Type: Continuous	Valid cases: 24
Format: numeric	Invalid: 1111
Width: 12	Minimum: 1
Decimals: 0	Maximum: 98
Range: 1-98	Mean: 6.6
	Standard deviation: 19.5

Number of days food distrubtion lasted (gfdlast)

File: HH FS Dadaab 2017

Overview

Type: Continuous	Valid cases: 1130
Format: numeric	Invalid: 5
Width: 12	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 18
	Standard deviation: 6.8

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

File: HH FS Dadaab 2017

Overview

Type: Discrete	Valid cases: 1113
Format: numeric	Invalid: 22
Width: 12	
Decimals: 0	
Range: 1-5	

Items bought with Sim Card: Cereals (crl1)

File: HH FS Dadaab 2017

Overview

Type: Discrete	Valid cases: 1134
Format: numeric	Invalid: 1
Width: 12	
Decimals: 0	
Range: 0-1	

Items bought with Sim Card: Pulses (pulses1)

File: HH FS Dadaab 2017

Overview

Type: Discrete	Valid cases: 1133
Format: numeric	Invalid: 2
Width: 12	
Decimals: 0	
Range: 0-1	

Items bought with Sim Card: Oils (oil1)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

Items bought with Sim Card: Sugar (sugar1)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: Fruits (fruit1)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: Tea (teas)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

Items bought with Sim Card: Salt (salts)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: Milk (milk1)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: Eggs (eggs1)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

Items bought with Sim Card: Drinks/Juice (drinkjuice)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: Meats/Fish (meat1)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 4

Items bought with Sim Card: Firewood (firewood)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 3

Items bought with Sim Card: Shoes (shoes)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: Mobile phone airtime (mobile)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

Items bought with Sim Card: school materials (school)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 3

Items bought with Sim Card: Bus fare (busfare)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 3

Items bought with Sim Card: Detergent (detergent)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

Items bought with Sim Card: Cooking utensils (cooking)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

Items bought with Sim Card: Miraa/khat (miraakhat)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

Items bought with Sim Card: Cosmetics (cosmetics)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

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

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

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

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 3

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

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
Invalid: 1

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

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
Invalid: 3

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

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
Invalid: 2

FCS: Cereals (crl)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1129
Invalid: 6

FCS: White roots, tubers, starches (whtrt)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1130
Invalid: 5

FCS vit A rich vegetables / tubers (vitaveg)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 4

FCS green vegetables (greenveg)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 3

FCS other vegetables (othveg)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 4

FCS vit A rich fruits (vitafrt)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

FCS other fruits (othfrt)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 4

FCS organ meat (orgmt)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
Invalid: 4

FCS flesh meat (flshmt)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
Invalid: 2

FCS eggs (eggs)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
Invalid: 1

FCS fish (fishsf)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
Invalid: 2

FCS pulses (pulse)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1132
Invalid: 3

FCS milk (milk)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

FCS fats (fats)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 4

FCS sweets (swts)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 4

FCS spices, condiments, beverages (spice)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1133
 Invalid: 2

(fortif)

File: HH FS Dadaab 2017

Overview

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

Valid cases: 1134
 Invalid: 1

(surv_weight)

File: HH FS Dadaab 2017

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 18.4609375-50.023569023569

Valid cases: 1135
Invalid: 0
Minimum: 18.5
Maximum: 50
Mean: 37.2
Standard deviation: 11.2

Camp (camp)

File: HH WASH Dadaab 2017

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 839
 Invalid: 0

Consent (wsconst)

File: HH WASH Dadaab 2017

Overview

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

Valid cases: 839
 Invalid: 0

Household size (hhsz)

File: HH WASH Dadaab 2017

Overview

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

Valid cases: 835
 Invalid: 4

Source of drinking water (source)

File: HH WASH Dadaab 2017

Overview

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

Valid cases: 839
 Invalid: 0

Satisfied with drinking water supply? (satisfy)

File: HH WASH Dadaab 2017

Overview

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

Valid cases: 839
 Invalid: 0

Reason not satisfied with drinking water supply (reason)

File: HH WASH Dadaab 2017

Overview

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

Valid cases: 166
 Invalid: 673

What kind of toilet does this hh use? (toilet)
 File: HH WASH Dadaab 2017

Overview

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

Valid cases: 838
 Invalid: 1

How many households share this toilet? (toilshr)
 File: HH WASH Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-98

Valid cases: 804
 Invalid: 35
 Minimum: 1
 Maximum: 98
 Mean: 8.5
 Standard deviation: 24.6

Number of households sharing the toilet (toilshr_c)
 File: HH WASH Dadaab 2017

Overview

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

Valid cases: 804
 Invalid: 35

Children less than 3 years old in the HH (child)
 File: HH WASH Dadaab 2017

Overview

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

Valid cases: 839
 Invalid: 0

Where are child's stool disposed? (stool)
 File: HH WASH Dadaab 2017

Overview

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

Valid cases: 514
 Invalid: 325

of containers to collect water (container)

File: HH WASH Dadaab 2017

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 1-16

Valid cases: 839
 Invalid: 0

Number of litres of water per day (x_tot_lit_day)

File: HH WASH Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 10-2500

Valid cases: 839
 Invalid: 0
 Minimum: 10
 Maximum: 2500
 Mean: 151.8
 Standard deviation: 131.5

Liters per person per day (lpppd)

File: HH WASH Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 2.2222-357.1429

Valid cases: 839
 Invalid: 0
 Minimum: 2.2
 Maximum: 357.1
 Mean: 26.9
 Standard deviation: 23.4

Are the drinking containers covered or narrow necked? (store)

File: HH WASH Dadaab 2017

Overview

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

Valid cases: 839
 Invalid: 0

Survey Weight (surv_weight)

File: HH WASH Dadaab 2017

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 18.2471042471042-40.2398648648649

Valid cases: 839
Invalid: 0
Minimum: 18.2
Maximum: 40.2
Mean: 32.7
Standard deviation: 9.7

Camp (camp)

File: Infants Dadaab 2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 2793
Invalid: 0

Household ID (hhid)

File: Infants Dadaab 2017

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 1-1497

Valid cases: 2793
Invalid: 0
Minimum: 1
Maximum: 1497
Mean: 728.9
Standard deviation: 438.8

Child ID in household (id)

File: Infants Dadaab 2017

Overview

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 1-6

Valid cases: 2793
Invalid: 0

Gender (sex)

File: Infants Dadaab 2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 2793
Invalid: 0

Age in Months (months)

File: Infants Dadaab 2017

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-60

Valid cases: 2793
Invalid: 0
Minimum: 0
Maximum: 60
Mean: 29.3
Standard deviation: 16.7

Weight (weight)

File: Infants Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 4.4-24.3

Valid cases: 2526
 Invalid: 267
 Minimum: 4.4
 Maximum: 24.3
 Mean: 11.7
 Standard deviation: 2.8

Height (height)

File: Infants Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 54.2-120.6

Valid cases: 2525
 Invalid: 268
 Minimum: 54.2
 Maximum: 120.6
 Mean: 87.3
 Standard deviation: 11.8

Bilateral edema (edema)

File: Infants Dadaab 2017

Overview

Type: Discrete
 Format: character
 Width: 2

Valid cases: 2525
 Invalid: 0

Measurement of upper arm circumference (muac_mm)

File: Infants Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 102-229

Valid cases: 2527
 Invalid: 266
 Minimum: 102
 Maximum: 229
 Mean: 146.2
 Standard deviation: 12.9

Child eligible for referral (x_elig_ref)

File: Infants Dadaab 2017

Overview

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

Valid cases: 118
 Invalid: 2675

Enrolment in selective feeding programme (enrol)

File: Infants Dadaab 2017

Overview

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

Valid cases: 2527
 Invalid: 266

Has child been vaccinated against measles? (measles)

File: Infants Dadaab 2017

Overview

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

Valid cases: 2400
 Invalid: 393

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

File: Infants Dadaab 2017

Overview

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

Valid cases: 2527
 Invalid: 266

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

File: Infants Dadaab 2017

Overview

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

Valid cases: 1656
 Invalid: 1137

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

File: Infants Dadaab 2017

Overview

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

Valid cases: 2527
 Invalid: 266

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

File: Infants Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 3.7-17.1

Valid cases: 2523
 Invalid: 270
 Minimum: 3.7
 Maximum: 17.1
 Mean: 10.5
 Standard deviation: 1.4

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

File: Infants Dadaab 2017

Overview

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

Valid cases: 14
 Invalid: 2779

Has CHILD ever been breastfed? (everbf)

File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

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

File: Infants Dadaab 2017

Overview

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

Valid cases: 1036
 Invalid: 1757

Was CHILD breastfed yesterday? (yestbf)

File: Infants Dadaab 2017

Overview

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

Valid cases: 1037
 Invalid: 1756

Yesterday, was CHILD given WATER? (water)

File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given INFANT FORMULA? (inform) File: Infants Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 1662

Yesterday, was CHILD given MILK/POWDERED MILK? (milk) File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given JUICE? (juice) File: Infants Dadaab 2017

Overview

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

Valid cases: 1130
 Invalid: 1663

Yesterday, was CHILD given BROTH? (broth) File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given YOGURT? (yogurt) File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given THIN PORRIDGE? (thinpor) File: Infants Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 1662

Yesterday, was CHILD given TEA/COFFEE? (whteacof) File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given ANY OTHER LIQUID? (watlqd) File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given SOLID FOOD? (food) File: Infants Dadaab 2017

Overview

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

Valid cases: 1131
 Invalid: 1662

Yesterday, was CHILD given ANYTHING FROM A BOTTLE? (bottle) File: Infants Dadaab 2017

Overview

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

Valid cases: 1132
 Invalid: 1661

Yesterday, was CHILD given MEAT? (fleshfd) File: Infants Dadaab 2017

Overview

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

Valid cases: 866
 Invalid: 1927

Yesterday, was CHILD given CSB (fortified blended foods)? (fbf) File: Infants Dadaab 2017

Overview

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

Valid cases: 867
 Invalid: 1926

Yesterday, was CHILD given CSB+ (new FBF)? (fbfsuper) File: Infants Dadaab 2017

Overview

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

Valid cases: 865
 Invalid: 1928

Yesterday ate ready-to-use therapeutic food (RUTF) (rutf) File: Infants Dadaab 2017

Overview

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

Valid cases: 866
 Invalid: 1927

Yesterday ate ready-to-use supplementary food (RUSF) (rusf) File: Infants Dadaab 2017

Overview

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

Valid cases: 867
 Invalid: 1926

Yesterday, was CHILD given iron-fortified meals? (informfe) File: Infants Dadaab 2017

Overview

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

Valid cases: 865
 Invalid: 1928

(surv_weight) File: Infants Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 7.67595307917888-22.7924217462932

Valid cases: 2793
 Invalid: 0
 Minimum: 7.7
 Maximum: 22.8
 Mean: 17.2
 Standard deviation: 5.6

Camp (camp_w)

File: Women's Dadaab 2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 1158
Invalid: 0

Household ID (hhid)

File: Women's Dadaab 2017

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 1-918

Valid cases: 1158
Invalid: 0
Minimum: 1
Maximum: 918
Mean: 450
Standard deviation: 268

Woman ID within household (wmid)

File: Women's Dadaab 2017

Overview

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

Valid cases: 1158
Invalid: 0

Consent (wmconst)

File: Women's Dadaab 2017

Overview

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

Valid cases: 1158
Invalid: 0

Age (age)

File: Women's Dadaab 2017

Overview

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

Valid cases: 1156
Invalid: 2

Pregnant (pregnant)

File: Women's Dadaab 2017

Overview

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

Valid cases: 1157
 Invalid: 1

Breastfeeding (lactating)

File: Women's Dadaab 2017

Overview

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

Valid cases: 1157
 Invalid: 1

Antenatal care (ANC) program (anc)

File: Women's Dadaab 2017

Overview

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

Valid cases: 158
 Invalid: 1000

Receiving iron-folate pills (ferec)

File: Women's Dadaab 2017

Overview

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

Valid cases: 158
 Invalid: 1000

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

File: Women's Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 6.7-15.7

Valid cases: 999
 Invalid: 159
 Minimum: 6.7
 Maximum: 15.7
 Mean: 12
 Standard deviation: 1.4

Measurement of upper arm circumference (wmuac)

File: Women's Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 15.3-39.8

Valid cases: 355
 Invalid: 803
 Minimum: 15.3
 Maximum: 39.8
 Mean: 27.8
 Standard deviation: 3.7

Referral to health centre (refer)

File: Women's Dadaab 2017

Overview

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

Valid cases: 10
 Invalid: 1148

Enrolled in any nutrition program? (enrol)

File: Women's Dadaab 2017

Overview

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

Valid cases: 355
 Invalid: 803

Survey Weight (surv_weight)

File: Women's Dadaab 2017

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0
 Range: 20.0254237288136-55.0259259259259

Valid cases: 1158
 Invalid: 0
 Minimum: 20
 Maximum: 55
 Mean: 46.4
 Standard deviation: 13

