

Standardized Expanded Nutrition Survey 2017

UN Refugee Agency (UNHCR), International Rescue Committee (IRC), Kenyan Red Cross, Médecins Sans Frontières (MSF), Islamic Relief Kenya, World Food Programme (WFP)

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Identification

SURVEY ID NUMBER

KEN_2017_SENS-Dadaab_v01_M

TITLE

Standardized Expanded Nutrition Survey 2017

SUBTITLE

Refugee Camp: Dadaab

COUNTRY/ECONOMY

Name	Country code
Kenya	KEN

STUDY TYPE

Other Household Survey [hh/oth]

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 should 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]

UNIT OF ANALYSIS

Children 0-23 months

Children 6-59 months

Women 15-49 years

Households

Version

VERSION DESCRIPTION

Version 2.1: Edited, anonymous dataset for licensed distribution.

VERSION DATE

2018-01

Scope

NOTES

The scope of the survey includes:

- 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
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 INVESTIGATORS

Name	Affiliation
UN Refugee Agency (UNHCR)	UN
International Rescue Committee (IRC)	
Kenyan Red Cross	
Médecins Sans Frontières (MSF)	
Islamic Relief Kenya	
World Food Programme (WFP)	UN

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.

data_collection

DATES OF DATA COLLECTION

Start	End
2017-08-28	2017-09-23

DATA COLLECTION MODE

Face-to-face [f2f]

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.

DATA COLLECTORS

Name	Affiliation
UN Refugee Agency	UN

IRC	
Kenyan Red Cross	
Medicins Sans Frontieres	
WFP	
Islamic Relief Kenya	

questionnaires

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

Access policy

CONTACTS

Name	Affiliation	Email
Curation Team	UNHCR	microdata@unhcr.org

CITATION REQUIREMENTS

UNHCR (2021). Kenya: SENS in Dadaab Refugee Camps 2017. Accessed from <https://microdata.unhcr.org>

Metadata production

DDI DOCUMENT ID

DDI_KEN_2017_SENS-Dadaab_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
UN Refugee Agency	UNHCR	UN	Metadata producer
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION

2022-12-05

DDI DOCUMENT VERSION

Version 01 (December 2022): This metadata was downloaded from the UNHCR catalog (<https://microdata.unhcr.org/index.php/home>) and it is identical to UNHCR version (UNHCR_KEN_2017_SENS_Dadaab_v2.1). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
HH FS Dadaab 2017	0	51
HH WASH Dadaab 2017	0	16
Infants Dadaab 2017	0	38
Women's Dadaab 2017	0	14

Data file: HH FS Dadaab 2017

Cases:	0
variables:	51

variables

ID	Name	Label	Question
V1	camp	Camp	
V2	fsconst	Consent to conduct interview	
V3	rcard	Does your household have a ration card?	
V4	ynorcard	Why does your household not have a ration card?	
V5	simcard	Does your household have a simcard/Bamba Chakula?	
V6	whynosimcard	Why does your household not have a Sim Card?	
V7	gfdlast	Number of days food distrubtion lasted	
V8	gfdreason	Why did the general ration/Bamba Chakula did not last until end of the month?	
V9	crl1	Items bought with Sim Card: Cereals	
V10	pulses1	Items bought with Sim Card: Pulses	
V11	oil1	Items bought with Sim Card: Oils	
V12	sugar1	Items bought with Sim Card: Sugar	
V13	fruit1	Items bought with Sim Card: Fruits	
V14	teas	Items bought with Sim Card: Tea	
V15	salts	Items bought with Sim Card: Salt	
V16	milk1	Items bought with Sim Card: Milk	
V17	eggs1	Items bought with Sim Card: Eggs	
V18	drinkjuice	Items bought with Sim Card: Drinks/Juice	
V19	meat1	Items bought with Sim Card: Meats/Fish	
V20	firewood	Items bought with Sim Card: Firewood	
V21	shoes	Items bought with Sim Card: Shoes	
V22	mobile	Items bought with Sim Card: Mobile phone airtime	
V23	school	Items bought with Sim Card: school materials	
V24	busfare	Items bought with Sim Card: Bus fare	
V25	detergent	Items bought with Sim Card: Detergent	
V26	cooking	Items bought with Sim Card: Cooking utensils	
V27	miraakhat	Items bought with Sim Card: Miraa/khat	
V28	cosmetics	Items bought with Sim Card: Cosmetics	
V29	brw	Last month: Anyone in hh has borrowed money?	
V30	sold	Last month: Anyone in hh has sold assets	
V31	askmore	Last month: Anyone in hh requested remittances?	
V32	lessmeal	Last month: Anyone in hh reduced quantity of meals?	
V33	beg	Last month: Anyone in hh begged for food?	
V34	crl	FCS: Cereals	
V35	whtrt	FCS: White roots, tubers, starches	
V36	vitaveg	FCS vit A rich vegetables / tubers	
V37	greenveg	FCS green vegetables	
V38	othveg	FCS other vegetables	

ID	Name	Label	Question
V39	vitafrt	FCS vit A rich fruits	
V40	othfrt	FCS other fruits	
V41	orgmt	FCS organ meat	
V42	flshmt	FCS flesh meat	
V43	eggs	FCS eggs	
V44	fishsf	FCS fish	
V45	pulse	FCS pulses	
V46	milk	FCS milk	
V47	fats	FCS fats	
V48	swts	FCS sweets	
V49	spice	FCS spices, condiments, beverages	
V50	fortif		
V51	surv_weight		

total: 51

Data file: HH WASH Dadaab 2017

Cases:	0
variables:	16

variables

ID	Name	Label	Question
V52	camp	Camp	
V53	wsconst	Consent	
V54	hhsz	Household size	
V55	source	Source of drinking water	
V56	satisfy	Satisfied with drinking water supply?	
V57	reason	Reason not satisfied with drinking water supply	
V58	toilet	What kind of toilet does this hh use?	
V59	toilshr	How many households share this toilet?	
V60	toilshr_c	Number of households sharing the toilet	
V61	child	Children less than 3 years old in the HH	
V62	stool	Where are child's stool disposed?	
V63	container	# of containers to collect water	
V64	x_tot_lit_day	Number of litres of water per day	
V65	lpppd	Liters per person per day	
V66	store	Are the drinking containers covered or narrow necked?	
V67	surv_weight	Survey Weight	

total: 16

Data file: Infants Dadaab 2017

Cases: 0

variables: 38

variables

ID	Name	Label	Question
V68	camp	Camp	
V69	hhid	Household ID	
V70	id	Child ID in household	
V71	sex	Gender	
V72	months	Age in Months	
V73	weight	Weight	
V74	height	Height	
V75	edema	Bilateral edema	
V76	muac_mm	Measurement of upper arm circumference	
V77	x_elig_ref	Child eligible for referral	
V78	enrol	Enrolment in selective feeding programme	
V79	measles	Has child been vaccinated against measles?	
V80	vita	Has child received Vit. A capsule in last 6 months?	
V81	deworm	Has child received deworming supplement in last 6 months?	
V82	diar	Has child suffered from diarrhoea in last 2 weeks?	
V83	chhb	Child's haemoglobin (Hb) in g/dL ($\hat{A}\pm 0.1$ g/dL) or in g/L ($\hat{A}\pm 1$ g/L)	
V84	refer	If haemoglobin is <6, child is referred to clinic	
V85	everbf	Has CHILD ever been breastfed?	
V86	initbf	How long after birth did you put CHILD to breast?	
V87	yestbf	Was CHILD breastfed yesterday?	
V88	water	Yesterday, was CHILD given WATER?	
V89	inform	Yesterday, was CHILD given INFANT FORMULA?	
V90	milk	Yesterday, was CHILD given MILK/POWDERED MILK?	
V91	juice	Yesterday, was CHILD given JUICE?	
V92	broth	Yesterday, was CHILD given BROTH?	
V93	yogurt	Yesterday, was CHILD given YOGURT?	
V94	thinpor	Yesterday, was CHILD given THIN PORRIDGE?	
V95	whiteacof	Yesterday, was CHILD given TEA/COFFEE?	
V96	watliq	Yesterday, was CHILD given ANY OTHER LIQUID?	
V97	food	Yesterday, was CHILD given SOLID FOOD?	
V98	bottle	Yesterday, was CHILD given ANYTHING FROM A BOTTLE?	
V99	fleshfd	Yesterday, was CHILD given MEAT?	
V100	fbf	Yesterday, was CHILD given CSB (fortified blended foods)?	
V101	fbfsuper	Yesterday, was CHILD given CSB+ (new FBF)?	
V102	rutf	Yesterday ate ready-to-use therapeutic food (RUTF)	
V103	rusf	Yesterday ate ready-to-use supplementary food (RUSF)	
V104	informfe	Yesterday, was CHILD given iron-fortified meals?	
V105	surv_weight		

total: 38

Data file: Women's Dadaab 2017

Cases:	0
variables:	14

variables

ID	Name	Label	Question
V106	camp_w	Camp	
V107	hhid	Household ID	
V108	wmid	Woman ID within household	
V109	wmconst	Consent	
V110	age	Age	
V111	pregnant	Pregnant	
V112	lactating	Breastfeeding	
V113	anc	Antenatal care (ANC) program	
V114	ferec	Receiving iron-folate pills	
V115	wmhb	Haemoglobin in g/dL ($\hat{A}\pm 0.1$ g/dL) or in g/L ($\hat{A}\pm 1$ g/L)	
V116	wmuac	Measurement of upper arm circumference	
V117	refer	Referral to health centre	
V118	enrol	Enrolled in any nutrition program?	
V119	surv_weight	Survey Weight	

total: 14

CAMP: Camp**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

PULSES1: Items bought with Sim Card: Pulses**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

FSCONST: Consent to conduct interview**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

RCARD: Does your household have a ration card?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

YNORCARD: Why does your household not have a ration card?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Not given one
2	Not registered but eligible
3	Not eligible

4

Others

SIMCARD: Does your household have a simcard/Bamba Chakula?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 2 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
2	1

WHYNOSIMCARD: Why does your household not have a Sim Card?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

GFDLAST: Number of days food distrubtion lasted**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

GFDREASON: Why did the general ration/Bamba Chakula did not last until end of the month?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Food was sold or exchanged

2	Ration not big enough
3	Gave to livestock
4	Due to theft
5	Others

CRL1: Items bought with Sim Card: Cereals

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

OIL1: Items bought with Sim Card: Oils

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

SUGAR1: Items bought with Sim Card: Sugar

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FRUIT1: Items bought with Sim Card: Fruits

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

TEAS: Items bought with Sim Card: Tea

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

SALTS: Items bought with Sim Card: Salt**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

MILK1: Items bought with Sim Card: Milk**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

EGGS1: Items bought with Sim Card: Eggs**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

DRINKJUICE: Items bought with Sim Card: Drinks/Juice**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

MEAT1: Items bought with Sim Card: Meats/Fish**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

FIREWOOD: Items bought with Sim Card: Firewood**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SHOES: Items bought with Sim Card: Shoes**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

MOBILE: Items bought with Sim Card: Mobile phone airtime**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SCHOOL: Items bought with Sim Card: school materials**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

BUSFARE: Items bought with Sim Card: Bus fare**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

DETERGENT: Items bought with Sim Card: Detergent**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

COOKING: Items bought with Sim Card: Cooking utensils**Data file: HH FS Dadaab 2017**

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

MIRAAKHAT: Items bought with Sim Card: Miraa/khat**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

COSMETICS: Items bought with Sim Card: Cosmetics**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

BRW: Last month: Anyone in hh has borrowed money?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SOLD: Last month: Anyone in hh has sold assets**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

ASKMORE: Last month: Anyone in hh requested remittances?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

LESSMEAL: Last month: Anyone in hh reduced quantity of meals?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

BEG: Last month: Anyone in hh begged for food?**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

CRL: FCS: Cereals**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

WHTRT: FCS: White roots, tubers, starches**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

VITAVEG: FCS vit A rich vegetables / tubers**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

GREENVEG: FCS green vegetables**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

OTHVEG: FCS other vegetables**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

VITAFRT: FCS vit A rich fruits**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

OTHFRT: FCS other fruits**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

ORGMT: FCS organ meat**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

FLSHMT: FCS flesh meat**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

EGGS: FCS eggs**Data file: HH FS Dadaab 2017**

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FISHSF: FCS fish

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

PULSE: FCS pulses

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

MILK: FCS milk

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FATS: FCS fats

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

SWTS: FCS sweets

Data file: HH FS Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

SPICE: FCS spices, condiments, beverages**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

FORTIF:**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SURV_WEIGHT:**Data file: HH FS Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

CAMP: Camp**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

WCONST: Consent**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

HHSIZE: Household size**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14+

SOURCE: Source of drinking water**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Small water vendor
2	10

SATISFY: Satisfied with drinking water supply?**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

REASON: Reason not satisfied with drinking water supply**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Amount is not enough
2	Long queue
3	Water point is far
4	6

TOILET: What kind of toilet does this hh use?**Data file: HH WASH Dadaab 2017**

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Simple latrine
2	Latrine without floor
3	No facility

TOILSHR: How many households share this toilet?

Data file: HH WASH Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

TOILSHR_C: Number of households sharing the toilet

Data file: HH WASH Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Not shared
2	Shared family (2HH)
3	Communal toilet
4	Public toilet
5	8

CHILD: Children less than 3 years old in the HH

Data file: HH WASH Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

STOOL: Where are child's stool disposed?

Data file: HH WASH Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Child used latrine
2	Rinsed into latrine
3	Buried
4	Thrown into garbage
5	Left in the open

CONTAINER: # of containers to collect water

Data file: HH WASH Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

X_TOT_LIT_DAY: Number of litres of water per day

Data file: HH WASH Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

LPPPD: Liters per person per day**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

STORE: Are the drinking containers covered or narrow necked?**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	All drinking containers covered/narrow necked
2	Some drinking containers covered/narrow necked
3	No drinking container covered/narrow necked

SURV_WEIGHT: Survey Weight**Data file: HH WASH Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

CAMP: Camp**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

HHID: Household ID**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

ID: Child ID in household**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SEX: Gender**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

MONTHS: Age in Months**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

WEIGHT: Weight**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

HEIGHT: Height**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Range: - Format: Numeric

EDEMA: Bilateral edema**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Width: 8 Range: - Format: character

MUAC_MM: Measurement of upper arm circumference**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Continuous Decimal: 0 Range: - Format: Numeric

X_ELIG_REF: Child eligible for referral**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

ENROL: Enrolment in selective feeding programme**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0
Type: Discrete Decimal: 0 Range: - Format: Numeric

MEASLES: Has child been vaccinated against measles?**Data file: Infants Dadaab 2017**

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

VITA: Has child received Vit. A capsule in last 6 months?

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

DEWORM: Has child received deworming supplement in last 6 months?

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

DIAR: Has child suffered from diarrhoea in last 2 weeks?

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

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

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Range: - Format: Numeric

REFER: If haemoglobin is <6, child is referred to clinic

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

EVERBF: Has CHILD ever been breastfed?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

INITBF: How long after birth did you put CHILD to breast?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

YESTBF: Was CHILD breastfed yesterday?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

WATER: Yesterday, was CHILD given WATER?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

INFORM: Yesterday, was CHILD given INFANT FORMULA?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

MILK: Yesterday, was CHILD given MILK/POWDERED MILK?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

JUICE: Yesterday, was CHILD given JUICE?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

BROTH: Yesterday, was CHILD given BROTH?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

YOGURT: Yesterday, was CHILD given YOGURT?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

THINPOR: Yesterday, was CHILD given THIN PORRIDGE?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

WHTACOF: Yesterday, was CHILD given TEA/COFFEE?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

WATLQD: Yesterday, was CHILD given ANY OTHER LIQUID?**Data file: Infants Dadaab 2017**

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FOOD: Yesterday, was CHILD given SOLID FOOD?

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FBF: Yesterday, was CHILD given CSB (fortified blended foods)?

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FBFSUPER: Yesterday, was CHILD given CSB+ (new FBF)?

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

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

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

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

Data file: Infants Dadaab 2017

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

INFORMFE: Yesterday, was CHILD given iron-fortified meals?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SURV_WEIGHT:**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

BOTTLE: Yesterday, was CHILD given ANYTHING FROM A BOTTLE?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

FLESHFD: Yesterday, was CHILD given MEAT?**Data file: Infants Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

CAMP_W: Camp**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

HHID: Household ID**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

WMID: Woman ID within household**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

WMCONST: Consent**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

AGE: Age**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	15-19
2	20-24
3	25-29

4	30-34
5	35-39
6	40-44
7	45-49

PREGNANT: Pregnant

Data file: Women's Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

LACTATING: Breastfeeding

Data file: Women's Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

ANC: Antenatal care (ANC) program

Data file: Women's Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

FEREC: Receiving iron-folate pills

Data file: Women's Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

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

Data file: Women's Dadaab 2017

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

WMUAC: Measurement of upper arm circumference**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

REFER: Referral to health centre**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

ENROL: Enrolled in any nutrition program?**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: - Format: Numeric

SURV_WEIGHT: Survey Weight**Data file: Women's Dadaab 2017****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

study_resources

reports

Standardized Expanded Nutrition Survey, Dadaab Refugee Camps, Final Report

title Standardized Expanded Nutrition Survey, Dadaab Refugee Camps, Final Report

language English

filename KENYA_Dadaab_SENS_1709_FINAL.pdf
