

# Standardized Expanded Nutrition Survey 2024

**UN Refugee Agency**

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## Identification

SURVEY ID NUMBER  
ETH\_2024\_SENS\_v01\_M

TITLE  
Standardized Expanded Nutrition Survey 2024

ABBREVIATION OR ACRONYM  
SENS 2024

COUNTRY

Name	Country code
Ethiopia	ETH

STUDY TYPE  
Sample Frame, Households [sf/hh]

**ABSTRACT**  
The 2024 Standardized Expanded Nutrition Survey (SENS) was conducted in Mirqaan Refugee Camp, located in Bokh Woreda, Doolo Zone, Somali Region, Ethiopia. Established in April 2023, the camp hosts over 52,000 refugees and asylum seekers, primarily displaced by the conflict in Lascanood. The survey aimed to assess the nutritional and public health status of the camp population and inform targeted interventions. Using the SENS Version 3 guidelines and SMART methodology, data were collected through a simple random sample of households between January 25–27, 2024. Modules included anthropometry, child health, infant and young child feeding (IYCF), food security (administered to a 50% household sub-sample), demography, and mortality. Results indicate a critical nutrition situation, with a Global Acute Malnutrition (GAM) rate of 24.2% and Severe Acute Malnutrition (SAM) prevalence of 3.8%, both exceeding emergency thresholds. The survey also highlights suboptimal IYCF practices, limited vaccination coverage, and gaps in preventive nutrition programming. Findings underscore the urgent need for multisectoral support to restore and strengthen nutrition and health services in Mirqaan camp.

KIND OF DATA  
Sample survey data [ssd]

UNIT OF ANALYSIS  
Household

## Version

VERSION DESCRIPTION  
Version 2.1: Edited, cleaned, and anonymised data.

VERSION DATE  
2025-06-03

## Scope

**NOTES**  
The scope includes:

- Demographic profile
- Mortality
- Anthropometric and child health indicators
- Anaemia among children and women
- IYCF practices
- Food consumption and coping strategies
- In-kind food assistance

- Ownership and use of mosquito nets
- Access to WASH services and hygiene products

## TOPICS

Topic
Health and Nutrition
Water Sanitation Hygiene
Malaria Prevention and Control

## KEYWORDS

Keyword
SENS
Ethiopia

## Coverage

## GEOGRAPHIC COVERAGE

Mirqaan Refugee Camp, Bokh Woreda, Doolo Zone, Somali Region, Ethiopia.

## UNIVERSE

Refugees and asylum seekers residing in Mirqaan Refugee Camp as of January 2024.

## Producers and sponsors

## PRIMARY INVESTIGATORS

Name	Affiliation
UN Refugee Agency	UN

## PRODUCERS

Name
World Food Programme (WFP)
United Nations Children's Fund (UNICEF)
RRS
OWDA
DDS
Bokh Woreda Health Bureau

## Sampling

## SAMPLING PROCEDURE

Simple random sampling was used in Mirqaan Refugee Camp. The sample size was calculated using ENA for SMART. A 10% non-response rate was assumed. Finite population correction was applied due to a small under-5 population. Household verification and labelling were conducted by OWDA prior to the survey.

## WEIGHTING

Design weights were calculated using the total refugee population in Mirqaan (52,136) and the sample size for each module. For modules with sub-sampling, such as Food Security (administered to 50% of households), separate weights should be

applied based on the selection probability.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2024-01-25	2024-01-27

### DATA COLLECTION MODE

Face-to-face [f2f]

### DATA COLLECTION NOTES

Data were collected via face-to-face interviews using mobile phones (KoBo Collect, version 2023.2.4). Five survey teams were trained and deployed, each consisting of a team leader, interviewer, translator, and anthropometric assistant. Centralized training included standardization and pilot testing. All eligible children aged 0–59 months in selected households were assessed. Food Security data were collected from a 50% subsample of households.

### DATA COLLECTORS

Name	Abbreviation	Affiliation
UN Refugee Agency	UNHCR	UN
World Food Programme (WFP)		
United Nations Children's Fund (UNICEF)		
RRS		
OWDA		
DDS		
Bokh Woreda Health Bureau		

## questionnaires

### QUESTIONNAIRES

Standard SENS version 3 questionnaires were used, covering demographic, mortality, anthropometry, child health, IYCF, food security, and WASH modules.

## Access policy

### CONTACTS

Name	Affiliation	Email
Curation team	UNHCR	dencomdl@unhcr.org

### CITATION REQUIREMENTS

UNHCR (2025). Ethiopia: Standardised Expanded Nutrition Survey (SENS). Accessed from: <https://microdata.unhcr.org>

## Metadata production

### DDI DOCUMENT ID

DDI\_ETH\_2024\_SENS\_v01\_M

### PRODUCERS

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

DATE OF METADATA PRODUCTION  
2025-06-03

DDI DOCUMENT VERSION

Identical to a metadata (UNHCR\_ETH\_2024\_SENS) published on UNHCR catalog  
(<https://microdata.unhcr.org/index.php/home>). Some of the metadata fields have been edited.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>Children module</b> This file contains the children module data dictionary.	305	46
<b>Demographics &amp; Mortality</b> This file contains the Demographics & Mortality module data dictionary.	312	31
<b>Food Security, Therapeutic Nutrition &amp; WASH</b> This file contains the Food Security, Therapeutic Nutrition & WASH module data dictionary.	147	51



**Data file: Children module**

This file contains the children module data dictionary.

Cases:	305
variables:	46

**variables**

ID	Name	Label	Question
children_module_V1	SURVDAT	Survey date	
children_module_V2	cluster	Cluster number	
children_module_V3	hh	Household size	
children_module_V4	sex	Child gender	
children_module_V5	months	Age in months (without paper documentation)	
children_module_V6	height	Height in cm	
children_module_V7	edema	Presence of bilateral pitting oedema	
children_module_V8	muac	Middle upper arm circumference in mm or cm	
children_module_V9	chconst	Consent to conduct interview	
children_module_V10	enrol	Child currently being treated for malnutrition	
children_module_V11	bsfp	Child currently enrolled in BSFP	
children_module_V12	measles	Vaccination against measles	
children_module_V13	vita	Vitamin A capsule in past 6 months	
children_module_V14	deworm	Drug for intestinal worms in past 6 months	
children_module_V15	diar	Diarrhoea in past 2 weeks	
children_module_V16	diarors	Give ORS for diarrhoea	
children_module_V17	diarzinc	Give zinc or syrup for diarrhoea	
children_module_V18	hbunit	Units of measurement of HemoCue device (g/dL or g/L)	
children_module_V19	chhb	Haemoglobin (Hb) in g/dL ( $\pm 0.1$ g/dL) or in g/L ( $\pm 1$ g/L)	
children_module_V20	refsam	Referral severe acute malnutrition	
children_module_V21	refmam	Referral moderate acute malnutrition	
children_module_V22	refanem	Referral for severe anaemia	
children_module_V23	everbf	Child ever breastfed	
children_module_V24	initbf	How long after birth was child breastfed	
children_module_V25	yestbf	Child breastfed yesterday	
children_module_V26	water	Use cash grant on water	
children_module_V27	inform	Yesterday drank infant formula	
children_module_V28	milk	FCS milk products	
children_module_V29	juice	Yesterday drank juice	
children_module_V30	broth	Yesterday drank clear broth	
children_module_V31	yogurt	Yesterday drank sour milk or yogurt	
children_module_V32	thinpor	Yesterday drank thin porridge	
children_module_V33	whteacof	Yesterday drank te or coffee with milk	
children_module_V34	watlqd	Yesterday drank other water-based liquids	
children_module_V35	food	Use cash grant on food	
children_module_V36	bottle	Yesterday drank from bottle	
children_module_V37	fleshfd	Yesterday ate meat	



ID	Name	Label	Question
children_module_V38	fbf	Yesterday ate fortified-based foods	
children_module_V39	fbfsuper	Yesterday at super foods	
children_module_V40	rutf	Yesterday ate ready-to-use therapeutic food (RUTF)	
children_module_V41	rusf	Yesterday ate ready-to-use supplementary food (RUSF)	
children_module_V42	lms	Yesterday ate lipid-based nutrient supplements (LNS)	
children_module_V43	informfe	Yesterday ate iron-fortified infant formula	
children_module_V44	foodfe	Yesterday ate any iron-fortified food	
children_module_V45	mnp	Yesterday at micronutrient powder	
children_module_V46	charrive	When child arrived	

total: 46

**Data file: Demographics & Mortality**

This file contains the Demographics & Mortality module data dictionary.

Cases: 312

variables: 31

**variables**

ID	Name	Label	Question
dm_module_V1	campname	Camp name	
dm_module_V2	hh	Household size	
dm_module_V3	survdat	Date of interview	
dm_module_V4	cluster	Cluster number	
dm_module_V5	hhhsex	Gender of head of household	
dm_module_V6	hhhage	Age of head of household	
dm_module_V7	hhhhost	Head of household national of this country	
dm_module_V8	dmhhsiz	Total number HH members	
dm_module_V9	arrive	All HH members arrived at same time	
dm_module_V10	arrdate	When HH arrived	
dm_module_V11	HHID_pseudo	Household pseudonymized ID	
dm_module_V12	ratio_totu5	Proportion of household members under 5 years	
dm_module_V13	ratio_totwm	Proportion of household members who are women	
dm_module_V14	ratio_totpreg	Proportion of household members who are pregnant	
dm_module_V15	ratio_totfu2	Proportion of female children under 2 years	
dm_module_V16	ratio_totmu2	Proportion of male children under 2 years	
dm_module_V17	ratio_totu2	Proportion of household members under 2 years	
dm_module_V18	ratio_totfu5	Proportion of female children under 5 years	
dm_module_V19	ratio_totmu5	Proportion of male children under 5 years	
dm_module_V20	ratio_totf514	Proportion of females aged 5-14 years	
dm_module_V21	ratio_totm514	Proportion of males aged 5-14 years	
dm_module_V22	ratio_tot514	Proportion of household members aged 5-14 years	
dm_module_V23	ratio_totfu15	Proportion of females under 15 years	
dm_module_V24	ratio_totmu15	Proportion of males under 15 years	
dm_module_V25	ratio_totu15	Proportion of household members under 15 years	
dm_module_V26	ratio_totf1564	Proportion of females aged 15-64 years	
dm_module_V27	ratio_totm1564	Proportion of males aged 15-64 years	
dm_module_V28	ratio_tot1564	Proportion of household members aged 15-64 years	
dm_module_V29	ratio_totf65old	Proportion of females aged 65 years and older	
dm_module_V30	ratio_totm65old	Proportion of males aged 65 years and older	
dm_module_V31	ratio_tot65old		

total: 31

**Data file: Food Security, Therapeutic Nutrition & WASH**

This file contains the Food Security, Therapeutic Nutrition & WASH module data dictionary.

Cases: 147

variables: 51

**variables**

ID	Name	Label	Question
fs_module_V1	campname	Camp name	
fs_module_V2	hh	Household size	
fs_module_V3	survdat	Date of interview	
fs_module_V4	cluster	Cluster number	
fs_module_V5	fsconst	Consent to conduct interview	
fs_module_V6	hhassist	HH's assistance category	
fs_module_V7	foodass	Receive food assistance	
fs_module_V8	ynofooda	Reason don't have access to food assistance	
fs_module_V9	cash	Receive cash grants	
fs_module_V10	cashspnt	Use of cash grants	
fs_module_V11	voucher	Receive food voucher	
fs_module_V12	sellvou	Sell food voucher	
fs_module_V13	needsnot	Basic needs not met	
fs_module_V14	hhfuel	Cooking fuel used	
fs_module_V15	fuel	Cooking fuel assistance	
fs_module_V16	fuellast	Days cooking fuel assistance lasted	
fs_module_V17	school	Coping strategy stop school attendance	
fs_module_V18	sellliv	Coping strategy sell assets	
fs_module_V19	beg	Coping strategy begging	
fs_module_V20	shelter	Coping strategy move shelter	
fs_module_V21	childlab	Coping strategy child labor	
fs_module_V22	workaway	Coping strategy work away	
fs_module_V23	riskyact	Coping strategy risky activity	
fs_module_V24	rentdebt	Coping strategy skip rent / debt	
fs_module_V25	loanbrw	Coping strategy loans / borrow monty	
fs_module_V26	reduce	Coping strategy reduce expenditure	
fs_module_V27	lessexp	rCSI less pref / exp food	
fs_module_V28	brw	rCSI borrow food	
fs_module_V29	lessmeal	rCSI reduce meals	
fs_module_V30	redmeal	rCSI limit portions	
fs_module_V31	redadult	rCSI reduct adult consumption	
fs_module_V32	crlrotu	FCS cereals, roots, tubers, starches	
fs_module_V33	pulse	FCS pulses	
fs_module_V34	milk	FCS milk products	
fs_module_V35	prot	FCS animal protein	
fs_module_V36	flshmt	FCS flesh meat	
fs_module_V37	orgmt	FCS organ meat	

ID	Name	Label	Question
fs_module_V38	fishsf	FCS fish	
fs_module_V39	eggs	FCS eggs	
fs_module_V40	vegl	FCS vegetables	
fs_module_V41	vitav	FCS vit A rich vegetables / tubers	
fs_module_V42	greenv	FCS green vegetables	
fs_module_V43	frt	FCS fruits	
fs_module_V44	vitafrt	FCS vit A rich fruits	
fs_module_V45	fats	FCS fats	
fs_module_V46	swts	FCS sweets	
fs_module_V47	spice	FCS spices, condiments, beverages	
fs_module_V48	spenutf	FCS specialized nutritious foods	
fs_module_V49	foodsou	Source of food	
fs_module_V50	HHID_pseudo	ID	
fs_module_V51	hhsz	Household Size	

total: 51



**SURVDAT: Survey date****Data file: Children module****Overview**

Valid: 305    Invalid:

Type: Discrete    Range: -    Format: Character

**ENROL: Child currently being treated for malnutrition****Data file: Children module****Overview**

Valid: 303    Invalid: 2

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
Missing value	

**CLUSTER: Cluster number****Data file: Children module****Overview**

Valid: 305    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	

**HH: Household size****Data file: Children module****Overview**

Valid: 303    Invalid: 2

Type: Discrete    Range: -    Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
Missing value	

### SEX: Child gender

Data file: Children module

#### Overview

Valid: 304 Invalid: 1

Type: Discrete Range: - Format: Factor

## Questions and instructions

### CATEGORIES

Value	Category
1	f
2	m
Missing value	

### MONTHS: Age in months (without paper documentation)

Data file: Children module

#### Overview

Valid: 304 Invalid: 1

Type: Discrete Range: - Format: Factor

Questions and instructions

CATEGORIES

Value	Category
1	
2	1
3	2
4	5
5	6
6	7
7	8
8	9
9	10
10	11
11	12
12	13
13	14
14	15
15	16
16	17
17	18
18	19
19	21
20	22
21	23
22	24
23	25
24	26
25	27
26	28
27	29
28	30
29	31
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31	33
32	34
33	35
34	36
35	37



36	38
37	40
38	41
39	42
40	43
41	44
42	45
43	46
44	47
45	48
46	49
47	50
48	51
49	52
50	53
51	54
52	55
53	57
54	58
55	59
56	60
Missing value	

## HEIGHT: Height in cm

Data file: Children module

### Overview

Valid: 293    Invalid: 12    Mean: 90.54    Standard deviation: 12.68  
 Type: Continuous    Range: -    Format: Numeric

## EDEMA: Presence of bilateral pitting oedema

Data file: Children module

### Overview

Valid: 293    Invalid: 12  
 Type: Discrete    Range: -    Format: Character

**MUAC: Middle upper arm circumference in mm or cm****Data file: Children module****Overview**

Valid: 293    Invalid: 12

Type: Discrete    Range: -    Format: Integer

**CHCONST: Consent to conduct interview****Data file: Children module****Overview**

Valid: 304    Invalid: 1

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**BSFP: Child currently enrolled in BSFP****Data file: Children module****Overview**

Valid: 303    Invalid: 2

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**MEASLES: Vaccination against measles****Data file: Children module**

**Overview**

Valid: 288 Invalid: 17

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
Missing value	

**VITA: Vitamin A capsule in past 6 months****Data file: Children module****Overview**

Valid: 303 Invalid: 2

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
Missing value	

**DEWORM: Drug for intestinal worms in past 6 months****Data file: Children module****Overview**

Valid: 274 Invalid: 31

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	

2	
8	
Missing value	

## DIAR: Diarrhoea in past 2 weeks

Data file: Children module

### Overview

Valid: 303 Invalid: 2

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
8	
Missing value	

## DIARORS: Give ORS for diarrhoea

Data file: Children module

### Overview

Valid: 75 Invalid: 230

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

## DIARZINC: Give zinc or syrup for diarrhoea

Data file: Children module

### Overview

Valid: 75 Invalid: 230

Type: Discrete    Range: -    Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
Missing value	

## HBUNIT: Units of measurement of HemoCue device (g/dL or g/L)

Data file: Children module

### Overview

Valid:    Invalid: 305

Type: Discrete    Range: -    Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

## CHHB: Haemoglobin (Hb) in g/dL ( $\pm 0.1$ g/dL) or in g/L ( $\pm 1$ g/L)

Data file: Children module

### Overview

Valid:    Invalid: 305

Type: Discrete    Range: -    Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**REFSAM: Referral severe acute malnutrition****Data file: Children module****Overview**

Valid: Invalid: 305

Type: Discrete Range: - Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**REFMAM: Referral moderate acute malnutrition****Data file: Children module****Overview**

Valid: Invalid: 305

Type: Discrete Range: - Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**REFANEM: Referral for severe anaemia****Data file: Children module****Overview**

Valid: Invalid: 305

Type: Discrete Range: - Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE

1	TRUE
Missing value	

## EVERBF: Child ever breastfed

Data file: Children module

### Overview

Valid: 81 Invalid: 224

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

## INITBF: How long after birth was child breastfed

Data file: Children module

### Overview

Valid: 69 Invalid: 236

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

## YESTBF: Child breastfed yesterday

Data file: Children module

### Overview

Valid: 69 Invalid: 236

Type: Discrete Range: - Format: Integer

Questions and instructions

CATEGORIES

Value	Category
1	
2	
Missing value	

**WATER: Use cash grant on water**

Data file: Children module

Overview

Valid: 81    Invalid: 224  
Type: Discrete    Range: -    Format: Integer

Questions and instructions

CATEGORIES

Value	Category
1	
2	
Missing value	

**INFORM: Yesterday drank infant formula**

Data file: Children module

Overview

Valid: 81    Invalid: 224  
Type: Discrete    Range: -    Format: Integer

Questions and instructions

CATEGORIES

Value	Category
1	
2	
Missing value	



**MILK: FCS milk products****Data file: Children module****Overview**

Valid: 81    Invalid: 224

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**JUICE: Yesterday drank juice****Data file: Children module****Overview**

Valid: 81    Invalid: 224

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**BROTH: Yesterday drank clear broth****Data file: Children module****Overview**

Valid: 81    Invalid: 224

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	

2	
Missing value	

## YOGURT: Yesterday drank sour milk or yogurt

Data file: Children module

### Overview

Valid: 81 Invalid: 224

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

## THINPOR: Yesterday drank thin porridge

Data file: Children module

### Overview

Valid: 81 Invalid: 224

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

## WTEACOF: Yesterday drank te or coffee with milk

Data file: Children module

### Overview

Valid: 81 Invalid: 224

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
Missing value	

## WATLQD: Yesterday drank other water-based liquids

Data file: Children module

### Overview

Valid: 81 Invalid: 224

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
Missing value	

## FOOD: Use cash grant on food

Data file: Children module

### Overview

Valid: 81 Invalid: 224

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
Missing value	

**BOTTLE: Yesterday drank from bottle**

Data file: Children module

**Overview**

Valid: 81    Invalid: 224  
Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

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CATEGORIES

Value	Category
1	
2	
Missing value	

**FLESHFD: Yesterday ate meat**

Data file: Children module

**Overview**

Valid: 74    Invalid: 231  
Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

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CATEGORIES

Value	Category
1	
2	
Missing value	

**FBF: Yesterday ate fortified-based foods**

Data file: Children module

**Overview**

Valid: 74    Invalid: 231  
Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

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CATEGORIES

Value	Category
1	

2	
Missing value	

## FBFSUPER: Yeterday at super foods

Data file: Children module

### Overview

Valid: 74 Invalid: 231

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

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

Data file: Children module

### Overview

Valid: 74 Invalid: 231

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
Missing value	

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

Data file: Children module

### Overview

Valid: 74 Invalid: 231

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
Missing value	

## LNS: Yesterday ate lipid-based nutrient supplements (LNS)

Data file: Children module

### Overview

Valid: Invalid: 305

Type: Discrete Range: - Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

## INFORMFE: Yesterday ate iron-fortified infant formula

Data file: Children module

### Overview

Valid: 73 Invalid: 232

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
Missing value	

**FOODFE: Yesterday ate any iron-fortified food****Data file: Children module****Overview**

Valid: 74    Invalid: 231

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**MNP: Yesterday at micronutrient powder****Data file: Children module****Overview**

Valid: 74    Invalid: 231

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**CHARRIVE: When child arrived****Data file: Children module****Overview**

Valid:    Invalid: 305

Type: Discrete    Range: -    Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE

1	TRUE
Missing value	



**CAMPNAME: Camp name****Data file: Demographics & Mortality****Overview**

Valid: 312 Invalid:

Type: Discrete Range: - Format: Character

**ARRIDATE: When HH arrived****Data file: Demographics & Mortality****Overview**

Valid: 220 Invalid: 92

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
2	
3	
5	
6	
7	
8	
9	
10	
11	
Missing value	

**HH: Household size****Data file: Demographics & Mortality****Overview**

Valid: 312 Invalid:

Type: Discrete Range: - Format: Integer

**SURVDAT: Date of interview****Data file: Demographics & Mortality****Overview**

Valid: 312 Invalid:

Type: Discrete    Range: -    Format: Character

## ■ **CLUSTER: Cluster number**

**Data file: Demographics & Mortality**

### **Overview**

Valid:    Invalid: 312

Type: Discrete    Range: -    Format: Logical

### **Questions and instructions**

#### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

## ■ **HHHSEX: Gender of head of household**

**Data file: Demographics & Mortality**

### **Overview**

Valid: 312    Invalid:

Type: Discrete    Range: -    Format: Character

## ■ **HHHAGE: Age of head of household**

**Data file: Demographics & Mortality**

### **Overview**

Valid: 307    Invalid: 5

Type: Discrete    Range: -    Format: Character

## ■ **HHHHOST: Head of household national of this country**

**Data file: Demographics & Mortality**

### **Overview**

Valid:    Invalid: 312

Type: Discrete    Range: -    Format: Logical

### **Questions and instructions**

#### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

## DMHHSIZE: Total number HH members

Data file: Demographics & Mortality

### Overview

Valid: 228 Invalid: 84

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
Missing value	

## ARRIVE: All HH members arrived at same time

Data file: Demographics & Mortality

### Overview

Valid: 312 Invalid:

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	

2

**HHID\_PSEUDO: Household pseudonymized ID****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:  
 Type: Discrete    Range: -    Format: Character

**RATIO\_TOTU5: Proportion of household members under 5 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.16    Standard deviation: 0.2  
 Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOTWM: Proportion of household members who are women****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.27    Standard deviation: 0.25  
 Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOTPREG: Proportion of household members who are pregnant****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.02    Standard deviation: 0.07  
 Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOTFU2: Proportion of female children under 2 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.02    Standard deviation: 0.07  
 Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOTMU2: Proportion of male children under 2 years****Data file: Demographics & Mortality**

## Overview

Valid: 312    Invalid:    Mean: 0.02    Standard deviation: 0.06  
 Type: Continuous    Range: -    Format: Numeric

---

### **RATIO\_TOTU2: Proportion of household members under 2 years**

**Data file: Demographics & Mortality**

## Overview

Valid: 312    Invalid:    Mean: 0.04    Standard deviation: 0.09  
 Type: Continuous    Range: -    Format: Numeric

---

### **RATIO\_TOTFU5: Proportion of female children under 5 years**

**Data file: Demographics & Mortality**

## Overview

Valid: 312    Invalid:    Mean: 0.08    Standard deviation: 0.14  
 Type: Continuous    Range: -    Format: Numeric

---

### **RATIO\_TOTMU5: Proportion of male children under 5 years**

**Data file: Demographics & Mortality**

## Overview

Valid: 312    Invalid:    Mean: 0.08    Standard deviation: 0.13  
 Type: Continuous    Range: -    Format: Numeric

---

### **RATIO\_TOTF514: Proportion of females aged 5-14 years**

**Data file: Demographics & Mortality**

## Overview

Valid: 312    Invalid:    Mean: 0.17    Standard deviation: 0.19  
 Type: Continuous    Range: -    Format: Numeric

---

### **RATIO\_TOTM514: Proportion of males aged 5-14 years**

**Data file: Demographics & Mortality**

## Overview

Valid: 312    Invalid:    Mean: 0.17    Standard deviation: 0.19  
 Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOT514: Proportion of household members aged 5-14 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.34    Standard deviation: 0.26  
Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOTFU15: Proportion of females under 15 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.26    Standard deviation: 0.24  
Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOTMU15: Proportion of males under 15 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.25    Standard deviation: 0.23  
Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOTU15: Proportion of household members under 15 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.5    Standard deviation: 0.31  
Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOTF1564: Proportion of females aged 15-64 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.29    Standard deviation: 0.27  
Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOTM1564: Proportion of males aged 15-64 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.23    Standard deviation: 0.28  
Type: Continuous    Range: -    Format: Numeric

---

**RATIO\_TOT1564: Proportion of household members aged 15-64 years****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean: 0.52    Standard deviation: 0.32

Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOTF65OLD: Proportion of females aged 65 years and older****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean:    Standard deviation: 0.02

Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOTM65OLD: Proportion of males aged 65 years and older****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean:    Standard deviation: 0.01

Type: Continuous    Range: -    Format: Numeric

**RATIO\_TOT65OLD:****Data file: Demographics & Mortality****Overview**

Valid: 312    Invalid:    Mean:    Standard deviation: 0.02

Type: Continuous    Range: -    Format: Numeric

**CAMPNAME: Camp name****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Character

**CASHSPNT: Use of cash grants****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: Invalid: 147

Type: Discrete Range: - Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**HH: Household size****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**SURVDAT: Date of interview****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Character

**CLUSTER: Cluster number****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: Invalid: 147

Type: Discrete Range: - Format: Logical



## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

### **FSCONST: Consent to conduct interview**

**Data file: Food Security, Therapeutic Nutrition & WASH**

#### Overview

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	

### **HHASSIST: HH's assistance category**

**Data file: Food Security, Therapeutic Nutrition & WASH**

#### Overview

Valid:    Invalid: 147

Type: Discrete    Range: -    Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

### **FOODASS: Receive food assistance**

**Data file: Food Security, Therapeutic Nutrition & WASH**

## Overview

Valid: 147 Invalid:  
Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	

## YNOFOODA: Reason don't have access to food assistance

Data file: Food Security, Therapeutic Nutrition & WASH

## Overview

Valid: Invalid: 147  
Type: Discrete Range: - Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

## CASH: Receive cash grants

Data file: Food Security, Therapeutic Nutrition & WASH

## Overview

Valid: Invalid: 147  
Type: Discrete Range: - Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**VOUCHER: Receive food voucher****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: Invalid: 147

Type: Discrete Range: - Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**SELLVOU: Sell food voucher****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: Invalid: 147

Type: Discrete Range: - Format: Logical

**Questions and instructions**

## CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**NEEDSNOT: Basic needs not met****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Character

**HHFUEL: Cooking fuel used****Data file: Food Security, Therapeutic Nutrition & WASH**

## Overview

Valid: 147 Invalid:  
Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	

## FUEL: Cooking fuel assistance

Data file: Food Security, Therapeutic Nutrition & WASH

## Overview

Valid: Invalid: 147  
Type: Discrete Range: - Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

## FUELLAST: Days cooking fuel assistance lasted

Data file: Food Security, Therapeutic Nutrition & WASH

## Overview

Valid: Invalid: 147  
Type: Discrete Range: - Format: Logical

## Questions and instructions

### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**SCHOOL: Coping strategy stop school attendance****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**SELLIV: Coping strategy sell assets****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**BEG: Coping strategy begging****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**SHELTER: Coping strategy move shelter****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
2	

**CHILDLAB: Coping strategy child labor****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**WORKAWAY: Coping strategy work away****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**RISKYACT: Coping strategy risky activity****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**RENTDEBT: Coping strategy skip rent / debt****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**LOANBRW: Coping strategy loans / borrow monty****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	

2

**REDUCE: Coping strategy reduce expenditure****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**LESSEXP: rCSI less pref / exp food****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	

**BRW: rCSI borrow food****Data file: Food Security, Therapeutic Nutrition & WASH**



## Overview

Valid: 147    Invalid:  
 Type: Discrete    Range: -    Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
3	
4	
5	

## LESSMEAL: rCSI reduce meals

**Data file: Food Security, Therapeutic Nutrition & WASH**

## Overview

Valid: 147    Invalid:  
 Type: Discrete    Range: -    Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	

## REDMEAL: rCSI limit portions

**Data file: Food Security, Therapeutic Nutrition & WASH**

## Overview

Valid: 147    Invalid:  
 Type: Discrete    Range: -    Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
7	

## REDADULT: rCSI reduct adult consumption

Data file: Food Security, Therapeutic Nutrition & WASH

### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
7	

## CRLROTU: FCS cereals, roots, tubers, starches

Data file: Food Security, Therapeutic Nutrition & WASH

### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category
1	
2	
4	
5	
6	
7	

## PULSE: FCS pulses

**Data file: Food Security, Therapeutic Nutrition & WASH**

### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
7	

## MILK: FCS milk products

**Data file: Food Security, Therapeutic Nutrition & WASH**

### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	

3	
4	
5	
6	
7	

### PROT: FCS animal protein

**Data file:** Food Security, Therapeutic Nutrition & WASH

#### Overview

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category
1	
2	
3	

### FLSHMT: FCS flesh meat

**Data file:** Food Security, Therapeutic Nutrition & WASH

#### Overview

Valid: 70    Invalid: 77

Type: Discrete    Range: -    Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category
1	
2	
Missing value	

### ORGMT: FCS organ meat

**Data file:** Food Security, Therapeutic Nutrition & WASH

**Overview**

Valid: 70    Invalid: 77

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**FISHSF: FCS fish****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 70    Invalid: 77

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**EGGS: FCS eggs****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 70    Invalid: 77

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

Missing value

**VEGL: FCS vegetables****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	

**VITAV: FCS vit A rich vegetables / tubers****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 80 Invalid: 67

Type: Discrete Range: - Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
4	
5	
Missing value	

**GREENV: FCS green vegetables****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 79    Invalid: 68

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

**FRT: FCS fruits****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	

**VITAFRT: FCS vit A rich fruits****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 33    Invalid: 114

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
Missing value	

## FATS: FCS fats

**Data file: Food Security, Therapeutic Nutrition & WASH**

### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	

## SWTS: FCS sweets

**Data file: Food Security, Therapeutic Nutrition & WASH**

### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category
1	
2	
3	
4	



5	
6	
7	

### SPICE: FCS spices, condiments, beverages

Data file: Food Security, Therapeutic Nutrition & WASH

#### Overview

Valid: 147 Invalid:

Type: Discrete Range: - Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	

### SPENUTF: FCS specialized nutritious foods

Data file: Food Security, Therapeutic Nutrition & WASH

#### Overview

Valid: Invalid: 147

Type: Discrete Range: - Format: Logical

#### Questions and instructions

##### CATEGORIES

Value	Category
	FALSE
1	TRUE
Missing value	

**FOODSOU: Source of food****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
4	
5	
6	
96	

**HHID\_PSEUDO: ID****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Character

**HHSIZE: Household Size****Data file: Food Security, Therapeutic Nutrition & WASH****Overview**

Valid: 147    Invalid:

Type: Discrete    Range: -    Format: Integer

**Questions and instructions**

## CATEGORIES

Value	Category
1	
2	
3	
4	
5	
6	
7	

8	
9	
10	

