

# South Sudan - Standardized Expanded Nutrition Survey (SENS), Maban Refugee Camps - 2019

**UNHCR, International Medical Corps, WFP, UNICEF, Relief International,**

Report generated on: January 31, 2022

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

# Overview

## Identification

---

### ID NUMBER

UNHCR\_SSD\_2019\_SENS\_Maban\_v2.1

## Version

---

### VERSION DESCRIPTION

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

### PRODUCTION DATE

2020-01

## Overview

---

### ABSTRACT

The UNHCR Standardized Expanded Nutrition Surveys (SENS) provide regular nutrition data that plays a key role in delivering effective and timely interventions to ensure good nutritional outcomes among populations affected by forced displacement. UNHCR in collaboration with its partners, coordinated a SENS survey in Maban County between November 16th and December 4th in 2019.

Maban County is in Upper Nile State in the North East of the Republic of South Sudan (RoSS). The refugee caseload is composed of Sudanese fleeing from the conflict in Blue Nile State in Sudan, residing in four refugee camps; Doro, Yusuf Batil, Gendrassa and Kaya. The overall aim of the survey was to assess the nutrition situation among the refugee population and to monitor ongoing programme interventions. In each of the camps a cross-sectional survey was conducted using the UNHCR Standardised Expanded Nutrition Survey (SENS) version 2, 2013 guidelines <http://sens.unhcr.org/> and the Standardised Monitoring and Assessments of Relief and Transitions (SMART) guidelines <https://smartmethodology.org/>. Systematic random sampling was used to identify the survey respondents.

Three population groups; children 6-59 months, infants 0-5 months and women of reproductive age 15-49 years were included in the survey. Household level indicators on food security were measured in households whether they included the target population groups or not.

A total of six survey teams composed of four members each (one team leader, one haemoglobin measurer, one anthropometric measurer and one anthropometric/haemoglobin measurement assistant) carried out data collection in Doro camp. Data collection in the rest of the three camps (Gendrassa, Kaya and Yusuf Batil) was carried out by ten teams of four members. Two standardised trainings lasting five and four days respectively were conducted for Doro and the rest of the camps. The training included a standardisation and pilot test. The survey teams were supported by a team of 5 supervisors and 2 coordinators who roved between the teams during the data collection.

Mobile phone questionnaires using Open Data Kit (ODK) android software for all the modules was used for data collection. Data validation was carried out daily by the survey coordinator/supervisors which allowed for daily feedback to the survey teams. Data analysis is currently on-going using ENA for SMART July 9th, 2015 version for anthropometric indices and Epi info version 7.2.3.1 for all other data.

### KIND OF DATA

Sample survey data [ssd]

### UNITS OF ANALYSIS

Children 0-23 months

Children 6-59 months

Women 15-49 years

Households

## Scope

### NOTES

- Children 0-23 months: feeding practices

- Children 6-59 months: prevalence of acute malnutrition, underweight, stunting and anaemia, coverage of vit A supplementation, and prevalence of diarrhoea

- Women 15-49 years: prevalence of anaemia

- Households: food security

### TOPICS

Topic	Vocabulary	URI
Health and Nutrition		
Health		
Food security		
Food Distribution		

## Coverage

### GEOGRAPHIC COVERAGE

4 refugee camps - Doro, Yusuf Batil, Kaya and Gendrassa - in Maban County in Upper Nile State, South Sudan.

### UNIVERSE

Children 0-59 months

Women 15-49 years

Refugee households

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
UNHCR	
International Medical Corps	
WFP	
UNICEF	
Relief International	

## 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\_SSD\_2019\_SENS\_Maban\_DDI\_v1.0

## Sampling

### Sampling Procedure

---

Systematic random sampling was used to identify the survey respondents. Houses/tents were physically labelled with unique numbers per zone/block/compound in each camp. To reduce the non-response rate and ensure results were representative of people living in the camps at the time of the survey, empty shelters as verified through neighbours were labelled but not included in the sampling frame. The sampling interval per camp was calculated based on actual number of houses/tents that were physically verified before the survey and the sample size. Using the list generated from the physical counting and labelling of houses/tents in the camps, a sampling interval for each camp was determined by dividing the total number of verified tents/houses by the estimated sample. The first household was thereafter determined randomly using the lottery method by drawing a random number within the sampling interval. The interval was applied across the sampling frame to generate a list of households to be surveyed in the field. Each team was provided with a list of households to be surveyed daily. All the eligible household members were included in the survey; that is all children 6 to 59 months and women 15 to 49 years in a sampled household. The interview was conducted in most cases with the mother in the household or in her absence with an adult member of the household who was knowledgeable with the everyday running of the household. The survey defined a household as the number of people who regularly stay together and eat from the same pot.

In the event of an absent household or individual, the team members returned to the household during the day. If the household or individual was not found after returning, the household or individual was counted as an absentee and was not replaced. If an individual or household refused to participate, it was considered a refusal and the individual or household was not replaced with another. If a selected child was disabled with a physical deformity preventing certain anthropometric measurements, the child was still included in the assessment for the relevant indicators. If it was determined that a selected household did not have any eligible children, the relevant questionnaires were administered to the household.

# Questionnaires

## Overview

---

**Children 6-59 months-** This included questions and measurements of children aged 6-59 months. Information was collected on anthropometric status, oedema, and enrolment in selective feeding programmes, immunisation (measles), vitamin A supplementation and morbidity from diarrhoea in past two weeks before the survey and haemoglobin status.

**Infant 0-23 months-** This included question on infant and young child feeding for children aged 0- 23 months.

**Women 15-49 years-** This included questions and measurements of women aged 15 - 49 years. Information was collected on women's pregnancy status, coverage of iron-folic acid pills and ANC attendance for pregnant women, and haemoglobin status for non-pregnant women.

**Food Security-** This included questions on access and use of the GFD ration, negative coping mechanisms used by household members and household dietary diversity.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2019-10-04	2019-10-31	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

Children 6-59 months- This included questions and measurements of children aged 6-59 months. Information was collected on anthropometric status, oedema, and enrolment in selective feeding programmes, immunisation (measles), vitamin A supplementation and morbidity from diarrhoea in past two weeks before the survey and haemoglobin status.

Infant 0-23 months- This included question on infant and young child feeding for children aged 0- 23 months.

Women 15-49 years- This included questions and measurements of women aged 15 - 49 years. Information was collected on women's pregnancy status, coverage of iron-folic acid pills and ANC attendance for pregnant women, and haemoglobin status for non-pregnant women.

Food Security- This included questions on access and use of the GFD ration, negative coping mechanisms used by household members and household dietary diversity.

### Data Collectors

Name	Abbreviation	Affiliation
UNHCR		

## Data Processing

No content available



## Data Appraisal

No content available

## File Description

## Variable List

**CH\_Maban\_2019**

## Content

Cases 2689

Variable(s) 42

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V389	camp_c	Camp	discrete	numeric	
V390	hhid	Household ID	contin	numeric	
V391	id	Child ID in household	discrete	numeric	
V392	sex	Child gender	discrete	character	
V393	weight	Weight	contin	numeric	
V394	height	Height	contin	numeric	
V395	edema	Bilateral edema	discrete	character	
V396	muac	Measurement of upper arm circumference	contin	numeric	
V397	months	Age in months	contin	numeric	
V398	waz_who	Weight for Age Z Score	contin	numeric	
V399	haz_who	Height for Age Z Score	contin	numeric	
V400	whz_who	Weight for Height Z Score	contin	numeric	
V401	flag_who	Data flags	discrete	character	
V402	enrol	Enrolment in selective feeding programme	discrete	numeric	
V403	bsfp	Is child enrolled in BSFP program?	discrete	numeric	
V404	measles	Has child been vaccinated agasint measles?	discrete	numeric	
V405	vita	Has child received Vit. A capsule in last 6 months?	discrete	numeric	
V406	deworm	Has child received a deworming treatment in last 6 months?	discrete	numeric	
V407	diar	Has child suffered from diarrhoea in last 2 weeks?	discrete	numeric	
V408	chhb	Child's haemoglobin (Hb) in g/dL ( $\hat{\pm}0.1$ g/dL) or in g/L ( $\hat{\pm}1$ g/L)	contin	numeric	
V409	everbf	Has CHILD ever been breastfed?	discrete	numeric	
V410	initbf	How long after birth did you put CHILD to breast?	discrete	numeric	
V411	yestbf	Was CHILD breastfed yesterday?	discrete	numeric	
V412	water	Yesterday, was CHILD given WATER?	discrete	numeric	
V413	inform	Yesterday, was CHILD given INFANT FORMULA?	discrete	numeric	
V414	milk	Yesterday, was CHILD given MILK/POWDERED MILK?	discrete	numeric	
V415	juice	Yesterday, was CHILD given JUICE?	discrete	numeric	
V416	broth	Yesterday, was CHILD given BROTH?	discrete	numeric	

V417	yogurt	Yesterday, was CHILD given YOGURT?	discrete	numeric
V418	thinpor	Yesterday, was CHILD given THIN PORRIDGE?	discrete	numeric
V419	whteacof	Yesterday, was CHILD given TEA/COFFEE?	discrete	numeric
V420	watlqd	Yesterday, was CHILD given ANY OTHER LIQUID?	discrete	numeric
V421	food	Yesterday, was CHILD given SOLID FOOD?	discrete	numeric
V422	ebfsum	Sum of exclusively breastfeeding meals	discrete	numeric
V423	bottle	Yesterday, was CHILD given ANYTHING FROM A BOTTLE?	discrete	numeric
V424	fleshfd	Yesterday, was CHILD given MEAT?	discrete	numeric
V425	fbfsuper	Yesterday ate super foods	discrete	numeric
V426	rutf	Yesterday ate ready-to-use therapeutic food (RUTF)	discrete	numeric
V427	rusf	Yesterday ate ready-to-use supplementary food (RUSF)	discrete	numeric
V428	informfe	Yesterday ate iron fortified infant formula	discrete	numeric
V429	foodfe	Yesterday ate any food with added micronutrient powder?	discrete	numeric
V430	surv_weight		contin	numeric

**HH\_FS\_Maban\_2019**

## Content

Cases 946

Variable(s) 27

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V431	CAMP	Camp	discrete	character	
V432	FSCONST	Consent to conduct interview	discrete	numeric	
V433	HHSIZE	Household size	discrete	numeric	
V434	RCARD	Does your household have a ration card?	discrete	numeric	
V435	BRW	Last month: Anyone in hh has borrowed money?	discrete	numeric	
V436	SOLD	Last month: Anyone in hh has sold assets	discrete	numeric	
V437	ASKMORE	Last month: Anyone in hh requested remittances?	discrete	numeric	
V438	LESSMEAL	Last month: Anyone in hh reduced quantity of meals?	discrete	numeric	
V439	BEG	Last month: Anyone in hh begged for food?	discrete	numeric	
V440	RISKYACT	Last month: Anyone in hh engaged in killing wild animals/risky behavior?	discrete	numeric	
V441	CRL	FCS: Cereals	discrete	numeric	
V442	WHTRT	FCS: White roots, tubers, starches	discrete	numeric	
V443	VITAVEG	FCS vit A rich vegetables / tubers	discrete	numeric	
V444	GREENVEG	FCS green vegetables	discrete	numeric	
V445	OTHVEG	FCS other vegetables	discrete	numeric	
V446	VITAFRT	FCS vit A rich fruits	discrete	numeric	
V447	OTHFRT	FCS other fruits	discrete	numeric	
V448	ORGMT	FCS organ meat	discrete	numeric	
V449	FLSHMT	FCS flesh meat	discrete	numeric	
V450	EGGS	FCS eggs	discrete	numeric	
V451	FISHSF	FCS fish	discrete	numeric	
V452	PULSE	FCS pulses	discrete	numeric	
V453	MILK	FCS milk	discrete	numeric	
V454	FATS	FCS fats	discrete	numeric	
V455	SWTS	FCS sweets	discrete	numeric	
V456	SPICE	FCS spices, condiments, beverages	discrete	numeric	
V457	SURV_WEIGHT		contin	numeric	

**WM\_Maban\_2019**

Content

Cases 1194

Variable(s) 11

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V458	CAMP	Camp	discrete	character	
V459	hhid	Household ID	contin	numeric	
V460	WMID	Woman ID in Household	discrete	numeric	
V461	WMCONST	Consent	discrete	numeric	
V462	AGE	Age	discrete	numeric	
V463	PREGNANT	Pregnant	discrete	numeric	
V464	ANC	Antenatal care (ANC) program	discrete	numeric	
V465	FEREC	Receiving iron-folate pills	discrete	numeric	
V466	WMHB	Haemoglobin in g/dL ( $\hat{A}\pm 0.1$ g/dL) or in g/L ( $\hat{A}\pm 1$ g/L)	contin	numeric	
V467	REFER	Referral to health center	discrete	numeric	
V468	surv_weight		contin	numeric	





## Camp (camp\_c)

### File: CH\_Maban\_2019

#### Overview

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

Valid cases: 2689  
Invalid: 0

## Household ID (hhid)

### File: CH\_Maban\_2019

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-1566

Valid cases: 2689  
Invalid: 0  
Minimum: 1  
Maximum: 1566  
Mean: 841.6  
Standard deviation: 455.7

## Child ID in household (id)

### File: CH\_Maban\_2019

#### Overview

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

Valid cases: 2689  
Invalid: 0

## Child gender (sex)

### File: CH\_Maban\_2019

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 2689  
Invalid: 0

## Weight (weight)

### File: CH\_Maban\_2019

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 4.6-19.7

Valid cases: 2393  
Invalid: 296  
Minimum: 4.6  
Maximum: 19.7  
Mean: 10.7  
Standard deviation: 2.5

## Height (height)

File: CH\_Maban\_2019

**Overview**

Type: Continuous	Valid cases: 2389
Format: numeric	Invalid: 300
Width: 10	Minimum: 56.4
Decimals: 0	Maximum: 108.5
Range: 56.4-108.5	Mean: 83.7
	Standard deviation: 10.5

## Bilateral edema (edema)

File: CH\_Maban\_2019

**Overview**

Type: Discrete	Valid cases: 2393
Format: character	Invalid: 0
Width: 2	

## Measurement of upper arm circumference (muac)

File: CH\_Maban\_2019

**Overview**

Type: Continuous	Valid cases: 2393
Format: numeric	Invalid: 296
Width: 12	Minimum: 100
Decimals: 0	Maximum: 185
Range: 100-185	Mean: 142.3
	Standard deviation: 11.3

## Age in months (months)

File: CH\_Maban\_2019

**Overview**

Type: Continuous	Valid cases: 2689
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 59
Range: 0-59	Mean: 27.4
	Standard deviation: 16.7

## Weight for Age Z Score (waz\_who)

File: CH\_Maban\_2019

**Overview**

Type: Continuous	Valid cases: 1779
Format: numeric	Invalid: 910
Width: 10	Minimum: -6.2
Decimals: 0	Maximum: 1.6
Range: -6.156-1.634	Mean: -1.5
	Standard deviation: 1

## Height for Age Z Score (haz\_who)

File: CH\_Maban\_2019

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -8.801-3.874

Valid cases: 2388  
 Invalid: 301  
 Minimum: -8.8  
 Maximum: 3.9  
 Mean: -1.8  
 Standard deviation: 1.2

## Weight for Height Z Score (whz\_who)

File: CH\_Maban\_2019

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -7.399-8.692

Valid cases: 2389  
 Invalid: 300  
 Minimum: -7.4  
 Maximum: 8.7  
 Mean: -0.8  
 Standard deviation: 1.1

## Data flags (flag\_who)

File: CH\_Maban\_2019

**Overview**

Type: Discrete  
 Format: character  
 Width: 13

Valid cases: 81  
 Invalid: 0

## Enrolment in selective feeding programme (enrol)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 2393  
 Invalid: 296

## Is child enrolled in BSFP program? (bsfp)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 2393  
 Invalid: 296

## Has child been vaccinated against measles? (measles)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 2279  
 Invalid: 410

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 2393  
 Invalid: 296

## Has child received a deworming treatment in last 6 months? (deworm)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 2391  
 Invalid: 298

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 2393  
 Invalid: 296

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

File: CH\_Maban\_2019

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 5-15.2

Valid cases: 2386  
 Invalid: 303  
 Minimum: 5  
 Maximum: 15.2  
 Mean: 10.7  
 Standard deviation: 1.4

## Has CHILD ever been breastfed? (everbf)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1225  
 Invalid: 1464

## Was CHILD breastfed yesterday? (yestbf)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1225  
 Invalid: 1464

## Yesterday, was CHILD given WATER? (water)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given INFANT FORMULA? (inform)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given JUICE? (juice)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given BROTH? (broth)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given YOGURT? (yogurt)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given THIN PORRIDGE? (thinpor)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given SOLID FOOD? (food)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Sum of exclusively breastfeeding meals (ebfsum)

File: CH\_Maban\_2019

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 10-26

Valid cases: 1279  
 Invalid: 1410

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 1279  
 Invalid: 1410

## Yesterday, was CHILD given MEAT? (fleshfd)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 983  
 Invalid: 1706

## Yesterday ate super foods (fbfsuper)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 983  
 Invalid: 1706

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 983  
 Invalid: 1706

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

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 981  
 Invalid: 1708

## Yesterday ate iron fortified infant formula (informfe)

File: CH\_Maban\_2019

**Overview**

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

Valid cases: 983  
 Invalid: 1706



## Yesterday ate any food with added micronutrient powder? (foodfe)

File: CH\_Maban\_2019

### Overview

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

Valid cases: 978  
Invalid: 1711

(surv\_weight)

File: CH\_Maban\_2019

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 3.80130718954248-16.4444444444444

Valid cases: 2689  
Invalid: 0  
Minimum: 3.8  
Maximum: 16.4  
Mean: 10.3  
Standard deviation: 5.3

## Camp (CAMP)

File: HH\_FS\_Maban\_2019

### Overview

Type: Discrete  
Format: character  
Width: 11

Valid cases: 946  
Invalid: 0

## Consent to conduct interview (FSCONST)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 946  
Invalid: 0

## Household size (HHSIZE)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 941  
Invalid: 5

## Does your household have a ration card? (RCARD)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 946  
Invalid: 0

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

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 944  
Invalid: 2

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

File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 946  
 Invalid: 0

Last month: Anyone in hh requested remittances? (ASKMORE)  
 File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 945  
 Invalid: 1

Last month: Anyone in hh reduced quantity of meals? (LESSMEAL)  
 File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 946  
 Invalid: 0

Last month: Anyone in hh begged for food? (BEG)  
 File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 943  
 Invalid: 3

Last month: Anyone in hh engaged in killing wild animals/risky behavior? (RISKYACT)  
 File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 943  
 Invalid: 3

FCS: Cereals (CRL)  
 File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 945  
 Invalid: 1

FCS: White roots, tubers, starches (WHTRT)

File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 946  
 Invalid: 0

FCS vit A rich vegetables / tubers (VITAVEG)

File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 940  
 Invalid: 6

FCS green vegetables (GREENVEG)

File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 945  
 Invalid: 1

FCS other vegetables (OTHVEG)

File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 942  
 Invalid: 4

FCS vit A rich fruits (VITAFRT)

File: HH\_FS\_Maban\_2019

**Overview**

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

Valid cases: 945  
 Invalid: 1

## FCS other fruits (OTHFRT)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 939  
 Invalid: 7

## FCS organ meat (ORGMT)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 945  
 Invalid: 1

## FCS flesh meat (FLSHMT)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 946  
 Invalid: 0

## FCS eggs (EGGS)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 946  
 Invalid: 0

## FCS fish (FISHSF)

File: HH\_FS\_Maban\_2019

### Overview

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

Valid cases: 946  
 Invalid: 0

## FCS pulses (PULSE)

### File: HH\_FS\_Maban\_2019

#### Overview

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

Valid cases: 944  
 Invalid: 2

## FCS milk (MILK)

### File: HH\_FS\_Maban\_2019

#### Overview

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

Valid cases: 944  
 Invalid: 2

## FCS fats (FATS)

### File: HH\_FS\_Maban\_2019

#### Overview

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

Valid cases: 944  
 Invalid: 2

## FCS sweets (SWTS)

### File: HH\_FS\_Maban\_2019

#### Overview

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

Valid cases: 943  
 Invalid: 3

## FCS spices, condiments, beverages (SPICE)

### File: HH\_FS\_Maban\_2019

#### Overview

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

Valid cases: 945  
 Invalid: 1

## (SURV\_WEIGHT) File: HH\_FS\_Maban\_2019

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 15.9879032258065-54.82995951417

Valid cases: 946  
 Invalid: 0  
 Minimum: 16  
 Maximum: 54.8  
 Mean: 34  
 Standard deviation: 16.1

## Camp (CAMP)

File: WM\_Maban\_2019

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 1194  
Invalid: 0

## Household ID (hhid)

File: WM\_Maban\_2019

**Overview**

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-886

Valid cases: 1194  
Invalid: 0  
Minimum: 1  
Maximum: 886  
Mean: 450.6  
Standard deviation: 253.2

## Woman ID in Household (WMID)

File: WM\_Maban\_2019

**Overview**

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

Valid cases: 1194  
Invalid: 0

## Consent (WMCONST)

File: WM\_Maban\_2019

**Overview**

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

Valid cases: 1194  
Invalid: 0

## Age (AGE)

File: WM\_Maban\_2019

**Overview**

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

Valid cases: 1191  
Invalid: 3

## Pregnant (PREGNANT)

File: WM\_Maban\_2019



**Overview**

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

Valid cases: 1194  
 Invalid: 0

## Antenatal care (ANC) program (ANC)

File: WM\_Maban\_2019

**Overview**

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

Valid cases: 124  
 Invalid: 1070

## Receiving iron-folate pills (FEREC)

File: WM\_Maban\_2019

**Overview**

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

Valid cases: 124  
 Invalid: 1070

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

File: WM\_Maban\_2019

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 5.6-17

Valid cases: 1069  
 Invalid: 125  
 Minimum: 5.6  
 Maximum: 17  
 Mean: 12.5  
 Standard deviation: 1.3

## Referral to health center (REFER)

File: WM\_Maban\_2019

**Overview**

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

Valid cases: 5  
 Invalid: 1189

## (surv\_weight)

File: WM\_Maban\_2019

**Overview**

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 15.3088803088803-61.2805429864253

Valid cases: 1194  
Invalid: 0  
Minimum: 15.3  
Maximum: 61.3  
Mean: 35.8  
Standard deviation: 18.2

# Documentation

## Reports

### Report and Questionnaire

---

Title Report and Questionnaire

Filename UNHCR\_Maban SENS Report\_ 2019.pdf

---