

# Djibouti - Standardised Expanded Nutrition Survey (SENS), Markazi Camp - 2023

**UNHCR, WFP, Ministry of Health Djibouti, Ministry of Interior of Djibouti, National  
Office for Assistance to Refugees and Disasters ONARS, UNICEF**

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## Identification

### SURVEY ID NUMBER

DJI\_2023\_SENS\_MC\_v01\_M\_v01\_A\_ESS

### TITLE

Standardised Expanded Nutrition Survey (SENS), Markazi Camp - 2023

### COUNTRY

Name	Country code
Djibouti	DJI

### STUDY TYPE

Other Household Survey [hh/oth]

### SERIES INFORMATION

The Standardised Expanded Nutrition Survey (SENS) is a series of survey methodologies developed by the United Nations High Commissioner for Refugees (UNHCR) and specifically designed to consider the factors that are most relevant to refugees. SENS measures not only nutritional status data but also measures relevant other data related to household composition, anaemia, measles vaccination, vitamin A supplementation, diarrhoea and other health-related indicators, infant and young child feeding (IYCF), food availability, water, sanitation and hygiene (WASH), latrine usage and mosquito nets at the household-level. By collecting all this data, SENS studies provide a detailed snapshot of the nutritional health of a refugee population at a given point in time.

### ABSTRACT

This dataset contains results from the Standardized Expanded Nutrition Survey (SENS) 2023 conducted in the Markazi refugee settlement, Djibouti. Data was collected from 9 July to 11 August 2023 using exhaustive sampling, following version 3 of the SENS methodology. Modules include demography, anthropometry, anaemia, health, infant and young child feeding (IYCF), food security, water, sanitation and hygiene (WASH), and COVID-19 vaccination. The dataset covers children aged 6-59 months, women of reproductive age (15-49), and all households in the camp. Data collection was conducted via mobile devices using the ODK software, while data was analyzed using ENA software for SMART and Epi Info software.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Household

## Scope

### NOTES

The scope includes:

- Demographic profile
- Mortality
- Anthropometric and child health indicators
- Anaemia among children and women
- Infant and Young Child Feeding (IYCF) practices
- Food consumption and coping strategies
- In-kind food assistance
- Ownership and use of mosquito nets
- Access to Water, Sanitation and Hygiene (WASH) services and hygiene products

### KEYWORDS

Keyword
Health and Nutrition
Water Sanitation Hygiene

Malaria Prevention and Control
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Food Consumption
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## Coverage

### GEOGRAPHIC COVERAGE

The study covered the Markazi refugee settlement in Djibouti.

### UNIVERSE

All households and eligible individuals residing in the Markazi refugee settlement as of July 2023.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
United Nations High Commissioner for Refugees (UNHCR)
World Food Programme (WFP)
Ministry of Health Djibouti
Ministry of Interior of Djibouti, National Office for Assistance to Refugees and Disasters (ONARS, Office National pour les Réfugiés et les Sinistrés)
United Nations Children's Fund (UNICEF)

### PRODUCERS

Name
United Nations High Commissioner for Refugees (UNHCR)

## Sampling

### SAMPLING PROCEDURE

The survey was conducted using exhaustive sampling, as all households in the settlement were enumerated.

### WEIGHTING

Weights were computed based on the total population in Markazi (as per ProGres figures) and the achieved sample size.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2023-07-16	2023-08-11

### DATA COLLECTION MODE

Face-to-face [f2f]

### DATA COLLECTION NOTES

Data was collected using Android tablets with the ODK software. Enumerators followed standardized SENS protocols, including repeat visits for absent households and special handling of admitted children. Daily syncs and plausibility checks using ENA software for SMART were performed.

## DATA COLLECTORS

Name
United Nations High Commissioner for Refugees (UNHCR)
World Food Programme (WFP)
Ministry of Health
Ministry of Interior of Djibouti, National Office for Assistance to Refugees and Disasters (ONARS, Office National pour les Réfugiés et les Sinistrés)
United Nations Children's Fund (UNICEF)

## Questionnaires

## QUESTIONNAIRES

Standardized Expanded Nutrition Survey (SENS) Version 3 questionnaires were adapted for local context and used to collect data on demography, nutrition, food security, WASH, anaemia, IYCF, mosquito net coverage, and COVID-19 vaccination.

## Access policy

## CONTACTS

Name	Affiliation	Email	URL
Curation team	United Nations High Commissioner for Refugees (UNHCR)	dencomdl@unhcr.org	<a href="#">Link</a>

## CITATION REQUIREMENTS

UNHCR, WFP, Ministry of Health Djibouti, ONARS, UNICEF (2025). Djibouti: Standardised Expanded Nutrition Survey (SENS). Accessed from: <https://microdata.unhcr.org>

## Metadata production

## DDI DOCUMENT ID

DDI\_DJI\_2023\_SENS\_MC\_v01\_M\_v01\_A\_ESS\_FAO

## PRODUCERS

Name	Abbreviation	Affiliation	Role
United Nations High Commissioner for Refugees	UNHCR	United Nations	Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

## Data Dictionary

Data file	Cases	Variables
<b>Children module</b> This file contains the children module data dictionary.	0	39
<b>COVID-19 Module</b> This file contains the COVID-19 module data dictionary.	0	20
<b>Demographics &amp; Mortality</b> This file contains the Demographics & Mortality module data dictionary.	0	30
<b>Food Security, Mosquito Net &amp; WASH</b> This file contains the Food Security, Mosquito Net & WASH module data dictionary.	0	63
<b>Women Module</b> This file contains the women module data dictionary.	0	18