

Djibouti - Standardised Expanded Nutrition Survey (SENS), Ali Addeh Camp - 2023

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, United Nations Children's Fund

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Identification

SURVEY ID NUMBER

DJI_2023_SENS_AAC_v01_M_v01_A_ESS

TITLE

Standardised Expanded Nutrition Survey (SENS), Ali Addeh 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 Ali Addeh refugee settlement, Djibouti. Data was collected from 9 July to 11 August 2023 using simple random 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), mosquito net coverage, and COVID-19 vaccination. The dataset covers children aged 6-59 months, women of reproductive age (15-49), and sampled households. Data collection was carried out via mobile devices using the ODK software, while data was analyzed using the 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

Food Consumption

Coverage

GEOGRAPHIC COVERAGE

The study covered the Ali Addeh refugee settlement in the Ali Sabieh region in Djibouti.

UNIVERSE

All households and eligible individuals residing in the Ali Addeh 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

Simple random sampling was used to select households in Ali Addeh. All eligible children aged 6-59 months were included for anthropometry, anaemia, and health modules. A subset of households was selected for enumeration of the food security, water, sanitation and hygiene (WASH), and maternal health modules.

WEIGHTING

Weights were computed based on the total population in Ali Addeh (as per ProGres figures) and the achieved sample size. Non-response rate was estimated at 5 percent.

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 the 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, water, sanitation and hygiene (WASH), anaemia, infant and young child feeding (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	Link

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_AAC_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
Children module This file contains the children module data dictionary.	0	44
COVID-19 Module This file contains the COVID-19 module data dictionary.	0	20
Demographics & Mortality This file contains the Demographics & Mortality module data dictionary.	0	30
Food Security, Mosquito Net & WASH This file contains the Food Security, Mosquito Net & WASH module data dictionary.	0	62
Women Module This file contains the women module data dictionary.	0	17