

# Somalia - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 6, Somalia, 2023

**Food and Agriculture Organization of the United Nations, Data in Emergencies  
Hub, Office of Emergencies and Resilience**

Report generated on: November 5, 2025

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

## Identification

### SURVEY ID NUMBER

SOM\_2023\_DIEM\_HS\_R6\_v01\_M\_v01\_A\_ESS

### TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 6, Somalia, 2023

### ABBREVIATION OR ACRONYM

DIEM HS SOM R6 - 2023

### COUNTRY

Name	Country code
Somalia	SOM

### STUDY TYPE

Agricultural Survey [ag/oth]

### ABSTRACT

The Food and Agriculture Organization of the United Nations (FAO) conducted a household survey in Somalia through the Data in Emergencies Monitoring (DIEM-Monitoring) System to monitor agricultural livelihoods and food security. This sixth-round survey reached 2 917 households through Computer-Assisted Telephone Interviews (CATI) conducted by GeoPoll from 3 June to 11 July 2023. Households were surveyed across all regions of Somalia except for Banadir which is mainly urban. The household interviews reached 160 agricultural households per region and included crop farmers, livestock keepers, and fisherfolk. Data collection took place during the post-harvest period. In addition to the random digit dialing (RDD) method, panel lists from previous rounds were used in the sampling design. The findings are representative at administrative level 1 (regional).

For more information, see <https://data-in-emergencies.fao.org/pages/monitoring>.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Households

## Scope

### NOTES

The survey collected information on the following areas:

- HOUSEHOLD : household information
- INCOME SOURCES, SHOCKS : income changes, shocks experienced by households
- CROP PRODUCTION : crops planted, area planted, area harvested, crop production difficulties
- CROP MARKETING : crop sale difficulties, crop sale price
- LIVESTOCK PRODUCTION : types of livestock present on the holding, number of livestock, livestock production difficulties
- LIVESTOCK MARKETING : livestock sale, livestock sale difficulties, livestock sale price
- FISHERIES PRODUCTION : fish activity, comparison of fish production
- FISHERIES MARKETING : fish sale, fish sale difficulties, fish sale price
- FOOD SECURITY AND CONSUMPTION : food consumption, food utilization, coping strategies
- NEEDS ASSISTANCE : open questions on the needs for assistance

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
Food and Agriculture Organization of the United Nations, Data in Emergencies Hub, Office of Emergencies and Resilience

### PRODUCERS

Name	Abbreviation	Affiliation	Role
Data in Emergencies Hub, Office of Emergencies and Resilience	DIEM Hub	Food and Agriculture Organization of the United Nations	Data processing and analysis

### FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
European Union	EU	Funding
FAO's Special Fund for Emergency and Resilience Activities	SFERA	Funding

## Sampling

### SAMPLING PROCEDURE

This sixth-round survey reached 2 917 households through computer-assisted telephone interviews conducted by GeoPoll from 3 June to 11 July 2023. Households were surveyed across all regions of Somalia except for Banadir, which is mainly urban. The household interviews reached 160 agricultural households per region and included crop farmers, livestock keepers, and fisherfolk. Data collection took place during the post-harvest period. In addition to random digit dialing (RDD) method, panel lists from previous rounds were used in the sampling design. The findings are representative at administrative level 1 (regional).

### WEIGHTING

The data was weighted using both design (sampling) weights and post-stratification weights. Design weights accounted for population size to adjust the sample to the actual population distribution. Population size design weights were calculated by dividing the ratio of the stratum population and the total population (of the country) by the ratio of the stratum sample and the total sample (for the country). Post-stratification weights were applied using education level of the head of the household to correct for potential biases arising from varying response propensities among different subgroups within the population. The same formula as the population weights was applied to calculate the post-stratification weights. The final weight was then computed as the product of all weights (i.e., population weights and post-stratification weights).

## Data collection

### DATES OF DATA COLLECTION

Start	End
2023-06-03	2023-07-11

### DATA COLLECTION MODE

Computer Assisted Telephone Interview [cati]

## Questionnaires

### QUESTIONNAIRES

A link to the questionnaire has been provided in the downloads tab.

## Data Processing

### DATA EDITING

The datasets have been edited and processed for analysis by the Data in Emergencies Hub at the Office of Emergencies and Resilience, FAO, with some dashboards and visualizations produced. For more information, see <https://data-in-emergencies.fao.org/pages/countries>.

### \*\*STATISTICAL DISCLOSURE CONTROL (SDC)\*\*

The dataset was anonymized using Statistical Disclosure methods by the Data in Emergencies Hub and reviewed by the Statistics Division of FAO. All direct identifiers have been removed prior to data submission.

## Access policy

### CONTACTS

Name	Affiliation	Email	URL
Data in Emergencies Hub, Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	DIEM-Hub-List@fao.org	<a href="#">Link</a>

### CONFIDENTIALITY

The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO.

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- The micro dataset will only be used for statistical and/or research purposes;
- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO;
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### CITATION REQUIREMENTS

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### ACCESS AUTHORITY

Name	Affiliation	Email	URL
Data in Emergencies Hub, Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	diem-hub-list@fao.org	<a href="#">Link</a>

## Disclaimer and copyrights

### DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

## Metadata production

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### DDI DOCUMENT ID

DDI\_SOM\_2023\_DIEM\_HS\_R6\_v01\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>	<b>Role</b>
Data in Emergencies Hub, Office of Emergencies and Resilience	OER	Food and Agriculture Organization of the 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
anon_dfSOM_R6	2917	315