

Data in Emergencies Monitoring System - Household Survey 2023

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

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Identification

SURVEY ID NUMBER

NER_2023_DIEM-HS-R8_v01_M_v01_A_ESS

TITLE

Data in Emergencies Monitoring System - Household Survey 2023

SUBTITLE

Round 8

ABBREVIATION OR ACRONYM

DIEM-HS-R8 2023

COUNTRY

Name	Country code
Niger	NER

STUDY TYPE

Agricultural Survey [ag/oth]

ABSTRACT

The Food and Agriculture Organization of the United Nations (FAO) has developed a monitoring system in 26 food crisis countries to better understand the impacts of various shocks on agricultural livelihoods, food security, and local value chains. The Monitoring System consists of primary data collected from households on a periodic basis (more or less every four months, depending on seasonality). FAO launched a Round 8, Computer-Assisted Telephone Interviews (CATI) survey in all regions of the Niger (with the exception of the Niamey urban area): Agadez, Diffa, Dosso, Maradi, Tahoua, Tillabéry, and Zinder. The sample design specified that between 114 and 223 households be included in each region. However, to ensure that the data collected was representative at administrative level 2 in hot-spot areas of food insecurity, eight departments across the seven regions were oversampled. A total of 2132 households were surveyed between 26 October and 10 November 2023.

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:

- 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 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
European Union	EU
Food and Agriculture Organization of the United Nations, Special Fund for Emergency and Resilience Activities	SFERA

Sampling

SAMPLING PROCEDURE

Data were collected via Computer-Assisted Telephone Interviews in all regions of the Niger (with the exception of the Niamey urban area): Agadez, Diffa, Dosso, Maradi, Tahoua, Tillabéry, and Zinder. The sample design specified that between 114 and 223 households be included in each region. However, to enable reliable analysis at administrative level 2 in areas particularly affected by food insecurity, eight departments across the seven regions were oversampled. A total of 2132 households were surveyed.

WEIGHTING

Weights were calculated as follows:

- Base weights to adjust for unequal probabilities of household selection, using the "strata" variable
- Post-stratification weights based on the status of households as crop producers and livestock producers, at administrative level 1
- Wealth weights using access to drinking water as a proxy for household wealth, at administrative level 1
- Education weights based on the education level of the household head, at administrative level 1. Due to the absence of baseline data on religious education, respondents who reported religious education were recoded as having no formal education

Data collection

DATES OF DATA COLLECTION

Start	End
2023-10-26	2023-11-10

DATA COLLECTION MODE

Computer Assisted Telephone Interview [cati]

questionnaires

QUESTIONNAIRES

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

data_processing

DATA EDITING

The datasets have been edited and processed for analysis by the Food and Agriculture Organization of the United Nations, Data in Emergencies (DIEM) Hub at the Office of Emergencies and Resilience, 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 by the Food and Agriculture Organization of the United Nations, Data in Emergencies (DIEM) Hub and reviewed by the Statistics Division, using Statistical Disclosure methods in accordance with FAO Corporate Statistical Disclosure Control Protocol. All direct identifiers have been removed prior to data submission. For more information, see

<https://openknowledge.fao.org/server/api/core/bitstreams/833ee200-0484-4f87-8f5c-b3fed4a3722b/content>.

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	Link

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.

ACCESS CONDITIONS

Micro datasets disseminated by FAO shall only be allowed for research and statistical purposes. Any user which requests access working for a commercial company will not be granted access to any micro dataset regardless of their specified purpose. Users requesting access to any datasets must agree to the following minimal conditions:

- 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;
- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

CITATION REQUIREMENTS

FAO. 2025. Data in Emergencies Monitoring Household Survey - Niger, Round 8, 2023. data-in-emergencies.fao.org. Dataset downloaded from microdata.fao.org.

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	Link

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

DDI DOCUMENT ID

DDI_NER_2023_DIEM-HS-R8_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
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
Development Data Group	DECDG	World Bank Group	Metadata adapted for World Bank Microdata Library

DDI DOCUMENT VERSION

Identical to a metadata (NER_2023_DIEM_HS_R8_v01_M_v01_A_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

data_dictionary

Data file	Cases	variables
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study_resources