

Iraq - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 10, Iraq, 2023

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

Report generated on: June 8, 2026

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

Identification

SURVEY ID NUMBER

IRQ_2023_DIEM_HS_R10_v01_M_v01_A_ESS

TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 10, Iraq, 2023

ABBREVIATION OR ACRONYM

DIEM HHS IRQ R10 - 2023

COUNTRY

Name	Country code
Iraq	IRQ

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 10 telephone interviews (CATI) survey in the 18 governorates of Iraq from 28 February to 21 March 2023, at the growing season for the main crops (wheat and barley). A total of 2609 households were interviewed (1632 non-agricultural households and 977 agricultural households) using a panel list of agricultural households (interviewed in the previous data collection rounds) and the Random Digit Dialing (RDD) approach to complete the target.

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 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

UNIVERSE

Entire population.

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

Surveys are designed based on country-specific needs, objectives, and constraints. They aim to achieve a 10 percent margin of error, a 95 percent confidence level, administrative-level granularity, and sufficient sample sizes for key target populations, including agricultural households.

A total of 2609 households were interviewed (1632 non-agricultural households and 977 agricultural households) using a panel list of agricultural households (interviewed in the previous data collection rounds) and the Random Digit Dialing (RDD) approach to complete the target. The sample target of 136 households per governorate was not reached only in Sulaimaniya and Maysan governorates, but it was close to the target and therefore the data collected in these governorates was considered representative at governorate level and the survey findings are representative at national level. Quotas could not be applied due to the small size of the agricultural population. To increase the likelihood of capturing this subgroup, a 10 percent precision level (margin of error) was selected, which allows for a larger sample size.

WEIGHTING

The weighting strategy combines demographic and socioeconomic adjustments to enhance the representativeness of the sample:

- Base weights (adm1 level): These were calculated to reflect the probability of selection within each governorate. They adjust for differences in sample sizes across regions and ensure proportional representation.
- Wealth weights (adm1 level): Access to flush toilets was used as a proxy indicator for household wealth.
- Education-level weights (adm0 level): The education level of the household head was used as an additional proxy for socioeconomic status. Due to the absence of baseline data on religious education, respondents reporting this were recoded as having "no education". These weights were calculated at the national level (ADM0), given the lack of reliable subnational data.

Data collection

DATES OF DATA COLLECTION

Start	End
-------	-----

2023-02-28

2023-03-21

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 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 - Iraq, Round 10, 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_IRQ_2023_DIEM_HS_R10_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

Data Dictionary

Data file	Cases	Variables
anon_df_IRQ_R10	2609	250