

# Iraq - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 9, Iraq, 2023

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

Report generated on: November 11, 2025

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

## Identification

### SURVEY ID NUMBER

IRQ\_2023\_DIEM-HHS-R9\_v01\_M\_v01\_A\_ESS

### TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 9, Iraq, 2023

### ABBREVIATION OR ACRONYM

DIEM HHS IRQ R9 - 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 9, randomised telephone interviews survey on 26 October 2022 to monitor agricultural livelihoods and food security in the 18 governorates of Iraq. Data collection resumed on 1 December 2022. A total of 2583 households were interviewed (1 743 non-agricultural households and 840 agricultural households) using a panel list of agricultural households (interviewed in the previous data collection rounds) and the Random Digit Dialing (RDD) approach. 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	Role
European Union	EU	Funding
Food and Agriculture Organization of the United Nations, Special Fund for Emergency and Rehabilitation	SFERA	Funding

## Sampling

### SAMPLING PROCEDURE

A total of 2 609 households were interviewed, of which 1 632 were non-agricultural households and 977 were agricultural households. The households were selected using a panel list of agricultural households which were interviewed in the previous data collection rounds, and the target was completed using the Random Digit Dialing (RDD) approach.

The sample target of 136 households per governorate was not reached only in Sulaimaniya and Maysan governorates. However, the data collected in these governorates was considered representative at governorate level because the sample size was close to the target, 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. The weights that were employed were computed as follows:

- 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 documentations tab.

## Data Processing

### DATA EDITING

The datasets have been edited and processed for analysis by the Data in Emergencies (DIEM) 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 (DIEM) Hub and reviewed by the Office of Chief Statistician 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

FAO. 2025. Data in Emergencies Monitoring Household Survey - Iraq, Round 10, 2023. [data-in-emergencies.fao.org](https://data-in-emergencies.fao.org). Dataset downloaded from [microdata.fao.org](https://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	Data-in-Emergencies@fao.org	<a href="#">Link</a>

## Disclaimer and copyrights

### DISCLAIMER

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## Metadata production

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### DDI DOCUMENT ID

DDI\_IRQ\_2023\_DIEM-HHS-R9\_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 to FAM

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>anon_dfIRQ_R9</b>	2583	257