

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

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

Report generated on: November 18, 2025

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

## Identification

### SURVEY ID NUMBER

BGD\_2023\_DIEM-HS-R9\_v01\_M\_v01\_A\_ESS

### TITLE

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

### ABBREVIATION OR ACRONYM

DIEM HS BGD R9 - 2023

### COUNTRY

Name	Country code
Bangladesh	BGD

### STUDY TYPE

Agricultural Survey [ag/oth]

### SERIES INFORMATION

This ninth-round survey was conducted between 7 November and 16 December 2023. The eighth round survey was conducted between 29 July and 23 August 2023, the seventh round between 17 February and 21 March 2023, the sixth round between 7 September and 8 October 2022, the fifth-round survey between 17 March and 2 April 2022, fourth-round survey was conducted between 16 October and 24 November 2021.

### ABSTRACT

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 this ninth-round computer-assisted telephone interviews between 7 November and 16 December 2023 in Bangladesh. This survey reached 6 499 households and was representative at district level, covering 64 districts across all eight divisions of the country: Barisal, Chattogram, Dhaka, Khulna, Mymensingh, Rajshahi, Rangpur and Sylhet. The survey also targeted the hotspots identified in the Bangladesh Delta Plan 2100: Barind and the Drought-Prone Areas, Chars, Chittagong Hill Tracts, Coastal Zone, Cross-Cutting Area, and Haor and the Flash Flood Areas. For more information, please go to <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 Resilience Activities	SFERA	Funding

## Sampling

### SAMPLING PROCEDURE

The sample is stratified at the district level (admin 2). There are 64 districts in the country, and each stratum aims to reach a minimum of 97 households to obtain results at the district level considering a confidence level of 95 percent and a Margin of Error (MoE) of plus or minus 5 percent.

There is a separate and independent stratum for fishers. The DIEM team obtained a fleet registry from the Ministry of Fisheries and Livestock in Bangladesh. There was no baseline information available on this sample frame, so it was decided not to integrate this sample frame within our more general framework to ensure that it does not affect the representativeness of the final sample. However, there is a strong need for more information on the fisheries sector in Bangladesh. Ultimately, a separate stratum is analyzed independently for this sub-group. The list consists of 275 contacts, and vessels are randomly selected until a sample of 100 vessels is reached.

In total, the final sample size expected to be 6 308 households covering the 64 districts and including a separate sub-sample of the fleet registry. Due to time and cost constraints, FAO Bangladesh used the CATI survey method to target households pulling samples from an existing panel and Random Digit Dialing (RDD).

### WEIGHTING

Weights were applied to improve the representativeness of the sample by adjusting for:

- Demographic distribution at the district level (admin 2), to account for population size and correct for unequal probabilities of selection across regions
- Socioeconomic status, using access to toilet facilities as a wealth proxy, applied at the administrative level 1

These weights help correct for both sampling imbalances and potential response bias linked to household wealth.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2023-11-07	2023-12-16

## 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 (DIEM) team 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 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;
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## CITATION REQUIREMENTS

FAO. 2025. Data in Emergencies Monitoring Household Survey - Bangladesh, Round 9, 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
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DIEM Team - Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	diem-hub-list@fao.org	<a href="#">Link</a>
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## 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\_BGD\_2023\_DIEM-HS-R9\_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 to FAM

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>data_anon_df_BGD_R7</b>	3075	285