

# Pakistan - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 4, Pakistan, 2023

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

Report generated on: November 14, 2025

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

## Identification

### SURVEY ID NUMBER

PAK\_2023\_DIEM-HS-R4\_v01\_EN\_M\_v01\_A\_ESS

### TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 4, Pakistan, 2023

### ABBREVIATION OR ACRONYM

DIEM HH PAK R4 - 2023

### COUNTRY

Name	Country code
Pakistan	PAK

### 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 household survey in Pakistan through the Data in Emergencies Monitoring (DIEM-Monitoring) System to monitor agricultural livelihoods and food security. This fourth-round survey reached 10 541 households through face-to-face interviews conducted from 12 February to 15 March 2023. Households were surveyed in 43 vulnerable and flood affected districts across Balochistan, Khyber Pakhtunkhwa and Sindh provinces.

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 description of the survey covered information related to the following:

- 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

This fourth-round survey reached 10 541 households through face-to-face interviews conducted from 12 February to 15 March 2023. Households were surveyed in 43 vulnerable and flood affected districts across Balochistan, Khyber Pakhtunkhwa and Sindh provinces.

Data collection took place during the rabi cropping period. The survey was representative at administrative 2 level. The sample design considered a margin of error of 10 percent and data were weighted by demographics. Former rounds have been drawn from to make comparisons throughout this brief. The second-round survey was conducted in July 2021 and the third-round survey was conducted in April 2022. Out of the 28 districts covered in the third-round survey, only 16 were covered this round. The different surveyed areas and context, particularly in the third and fourth rounds, should be taken into consideration while reading this brief.

### WEIGHTING

The sample design considered a margin of error of 10 percent and data were weighted by demographics.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2023-02-12	2023-03-15

### DATA COLLECTION MODE

Face-to-face [f2f]

## 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 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

FAO. 2023. Data in Emergencies Monitoring Household Survey - Pakistan, Round 4, 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 (OER)	Food and Agriculture Organization of the United Nations	DIEM-Hub-List@fao.org	<a href="#">Link</a>

## Disclaimer and copyrights

### DISCLAIMER

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## Metadata production

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DDI DOCUMENT ID

DDI\_PAK\_2023\_DIEM-HS-R4\_v01\_EN\_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**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>data_anon_df_PAK_R4</b>	10541	308