

Pakistan - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 5, Pakistan, 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

PAK_2023_DIEM_HS_R5_v01_M_v01_A_ESS

TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 5, Pakistan, 2023

ABBREVIATION OR ACRONYM

DIEM HS PAK R5 - 2023

COUNTRY

Name	Country code
Pakistan	PAK

STUDY TYPE

Agricultural Survey [ag/oth]

SERIES INFORMATION

This fifth-round survey was conducted through face-to-face interviews from 22 November to 31 December 2023. The fourth round was conducted in February 2023, while the third round in April 2022. Previous rounds covered different districts.

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 conducted a fifth-round household survey in Pakistan from 22 November to 31 December 2023. The survey was conducted through face-to-face interviews, reaching 11 584 rural households across three provinces: Balochistan, Khyber Pakhtunkhwa and Sindh.

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 the 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	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

The survey employed a two-stage cluster sampling design. In the first stage, 188 enumeration areas (EAs) were selected across 47 districts, in the provinces of Balochistan (21 districts), Khyber Pakhtunkhwa (11 districts), and Sindh (15 districts). In the second stage, households were randomly selected within each sampled EA, resulting in a total of 5106 households (44 percent) interviewed in Balochistan, 2735 (24 percent) in Khyber Pakhtunkhwa, and 3743 (32 percent) in Sindh.

Surveys are designed based on country-specific needs, objectives, and constraints. The sample design and size aim to achieve a 10% margin of error, a 95% confidence level, administrative-level granularity, for key variables within target populations, including agricultural households.

WEIGHTING

Base weights were applied, and they were calculated from population counts at the second administrative level (ADM2) to adjust for unequal selection probabilities across those districts.

Data collection

DATES OF DATA COLLECTION

Start	End
2023-11-22	2023-12-31

DATA COLLECTION MODE

Face-to-face [f2f]

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 Hub (DIEM) team 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 using Statistical Disclosure methods by the Data in Emergencies (DIEM) Hub team 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
DIEM Team - Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	diem-hub-list@fao.org	Link

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CITATION REQUIREMENTS

FAO. 2025. Data in Emergencies Monitoring Household Survey - Pakistan, Round 5, 2023. data-in-emergencies.fao.org. Dataset downloaded from microdata.fao.org.

ACCESS AUTHORITY

Name	Affiliation	Email	URL
DIEM Team - Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	diem-hub-list@fao.org	Link

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Metadata production

DDI DOCUMENT ID

DDI_PAK_2023_DIEM-HS-R5_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Affiliation	Role
DIEM Team, Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	Metadata Producer
Statistics Division	Food and Agriculture Organization of the United Nations	Metadata adapted to FAM

Data Dictionary

Data file	Cases	Variables
anon_dfPAK_R5	11568	306