

Pakistan - Data in Emergencies (DIEM) Monitoring System – Household Survey – Round 2, Pakistan, 2021

**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_2021_DEMHS-R2_v01_EN_M_v01_A_OCS

TITLE

Data in Emergencies (DIEM) Monitoring System – Household Survey – Round 2, Pakistan, 2021

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 in July 2021 which resumed in August 2021. This Round 2 survey took place in 25 districts across three provinces. The random sample of 4,625 rural households was representative at the admin 2 (district) level. Face-to-face interviews were carried out.

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

UNIVERSE

Households with crop and livestock producers.

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	Affiliation	Role
Data in Emergencies Hub, Office of Emergencies and Resilience	Food and Agriculture Organization of the United Nations	Data processing and analysis

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
United States Agency for International Development	USAID	Funding
European Union	EU	Funding
Food and Agriculture Organization of the United Nations, Special Fund for Emergency and Rehabilitation	SFERA	Funding

Sampling

SAMPLING PROCEDURE

The random sample of 4 625 rural households was representative at the Admin 2 level (district) in 3 of Pakistan's provinces. Households were sampled with 2-stage cluster sampling. Interviews were carried out in face-to-face mode, from 7 July to 13 August 2021, in the following districts: Bajaur, Khyber, Kurram, Mohmand, North Waziristan, Orakzai, South Waziristan, Chagai, Kech, Kharan, Killa Abdullah, Loralai, Nushki, Panjgur, Pishin, Washuk, Badin, Dadu, Jamshoro, Mirpurkhas, Sanghar, Sujawal, Tharparkar, Thatta and Umerkot.

WEIGHTING

Results are weighted: demographics and wealth, sourced from the Pakistan Social and Living Standards Measurement (PSLM) 2019-20 survey and Population Census 2017 were the characteristics used for the generation of weights.

Data collection

DATES OF DATA COLLECTION

Start	End
2021-07-07	2021-08-13

DATA COLLECTION MODE

Face-to-face paper [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 Needs Assessment team at the Office of Emergency and Resilience, FAO, with some dashboards and visualizations produced. For more information, see <https://data-in-emergencies.fao.org/pages/countries>.

Access policy

CONTACTS

Name	Affiliation	Email	URL
Data in Emergencies Hub, Office of Emergencies and Resilience	Data in Emergencies Hub, Office of Emergencies and Resilience	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

The use of the dataset should be referenced in any publication, using the following citation:

Data in Emergencies Hub, FAO. Data in Emergencies Monitoring Household Survey - Round 2, Pakistan, 2021. Dataset downloaded from <https://microdata.fao.org>.

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_PAK_2021_DEMHS-R2_v01_EN_M_v01_A_OCS_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
Office of Chief Statistician	OCS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

DDI DOCUMENT VERSION

PAK_2021_DEMHS-R2_v01_EN_M_v01_A_OCS_v01

Data Dictionary

Data file	Cases	Variables
data_anon	4625	273