

Mozambique - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 6, Mozambique, 2024

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

MOZ_2024_DIEM-HS-R6_v01_M_v01_A_ESS

TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 6, Mozambique, 2024

ABBREVIATION OR ACRONYM

DIEM HS MOZ R6 - 2024

COUNTRY

Name	Country code
Mozambique	MOZ

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). This sixth-round survey in Mozambique reached 2 209 households through computer-assisted telephone interviews from 7 December 2023 to 16 January 2024. Data collection took place during the main crop planting season. The survey is representative at administrative level 1 and covered nine out of the country's eleven provinces: Cabo Delgado, Gaza, Inhambane, Manica, Nampula, Niassa, Sofala, Tete, and Zambezia. The survey also covered eight districts at administrative level 2. 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 Resilience Activities	SFERA	Funding

Sampling

SAMPLING PROCEDURE

The survey is representative at administrative level 1 and covered nine out of the country's eleven provinces: Cabo Delgado, Gaza, Inhambane, Manica, Nampula, Niassa, Sofala, Tete, and Zambezia. The survey also covered eight districts at administrative level 2. The survey utilized a one-stage sample design and drew a simple random sample stratified by administrative levels 1 and 2. This resulted in 3 460 targeted households. The survey employed panel data and stratified simple random sample approaches reaching a total of 2 209 households. Between 200 and 203 households were sampled in each province. Of the total sampled households, 78 percent were agricultural households. Quotas for agricultural and non-agricultural households were based on relative proportions of each at provincial level. The sample size at administrative level 2, for both agricultural and non-agricultural households was not achieved. Ongoing conflict in the north, and the movement of people fleeing to safe areas made it challenging to reach households in these areas.

WEIGHTING

Three types of weights were applied: base weights, quota weights, and post-stratification weights. These were used to correct for biases introduced by the sample design—specifically the use of CATI quotas and RDD respondents—and to ensure the results are representative of the population:

- Base weights adjusted for unequal probabilities of selection across regions, using population figures from the WorldPop dataset
- Quota weights corrected for the intentional oversampling of agricultural households
- Post-stratification weights accounted for differences in socioeconomic status, using access to electricity as a proxy for household wealth

Data collection

DATES OF DATA COLLECTION

Start	End
2023-12-07	2024-01-16

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 Food and Agriculture Organization of the United Nations, Data in Emergencies (DIEM) Hub 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 Food and Agriculture Organization of the United Nations, Data in Emergencies (DIEM) Hub and reviewed by the Statistics Division. 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	Link

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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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- 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 - Mozambique, Round 6, 2024. data-in-emergencies.fao.org. Dataset downloaded from 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	DIEM-Hub-List@fao.org	Link

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Metadata production

DDI DOCUMENT ID

DDI_MOZ_2024_DIEM-HS-R6_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_dfMOZ_R6	2209	317