

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

**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

NGA_2024_DIEM-HS-R6_v01_M_v01_A_ESS

TITLE

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

ABBREVIATION OR ACRONYM

DIEM HS NGA R6 - 2024

COUNTRY

| Name | Country code |
|---------|--------------|
| Nigeria | NGA |

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 sixth-round survey in Nigeria from 21 January to 5 February 2024. The survey was conducted face-to-face and reached 3 441 households. Data collection took place at the beginning of the lean season across five states: Adamawa, Borno, Katsina, Yobe and Zamfara. Data were collected at the level of local government areas (administrative level 2) in Zamfara and at state level (administrative level 1) in Adamawa, Borno, Katsina and Yobe.

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, 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

Data were collected at the level of local government areas (administrative level 2) in Zamfara and at state level (administrative level 1) in Adamawa, Borno, Katsina and Yobe. A Face-to-Face (F2F) survey was conducted. The sampling frame was generated per state by the National Population Commission, as for the second round. The sample targeted 700 households randomly selected from at least 25 randomly selected EAs per each Admin 1 strata (Adamawa, Borno, Katsina and Yobe). In each EA, 7 households were randomly selected and interviewed. In the case of Admin 2 stratum (Zamfara, 14 local government areas), 175 surveys were targeted by interviewing 25 households from 7 EAs per stratum yielding a total of 2 450 surveys. The combined number of surveys was 3 150 households.

Surveys are designed based on country-specific needs, objectives, and constraints. They aim to achieve a 10 percent margin of error, a 95 percent confidence level, administrative-level granularity, and sufficient sample sizes for key target populations, including agricultural households.

WEIGHTING

Base weights were applied to correct for unequal probabilities of selection across regions. These were calculated using population figures at:

- Administrative level 1 for Borno, Adamawa, Katsina, and Yobe
- Administrative level 2 for Zamfara

This approach ensures that the sample reflects the population distribution within each targeted area.

Data collection

DATES OF DATA COLLECTION

| Start | End |
|------------|------------|
| 2024-01-21 | 2024-02-05 |

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 (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 |

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;
- 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

FAO. 2025. Data in Emergencies Monitoring Household Survey - Nigeria, 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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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_NGA_2024_DIEM-HS-R6_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 for FAM |

Data Dictionary

| Data file | Cases | Variables |
|---------------|-------|-----------|
| anon_dfNGA_R6 | 3441 | 269 |