

Sierra Leone - Data in Emergencies (DIEM) Monitoring System – Household Survey – Round 5, Sierra Leone, 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

SLE_2021_DEMHS-R5_v01_EN_M_v01_A_OCS

TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 5, Sierra Leone, 2021

COUNTRY

| Name | Country code |
|--------------|--------------|
| Sierra Leone | SLE |

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). Between 24 October and 27 November 2021 FAO launched a face-to-face household survey. About 3 840 households were planned and 3 685 (96 percent) of households responded to the survey across the 14 administrative districts (admin 2 level) according to the 2015 population and housing census from 340 enumeration areas.

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 | 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

F2F data collection in Sierra Leone was conducted between 24th October to 27th November, 2021 using Personal Digital Assistants (PDAs) by trained enumerators. 320 Enumeration Areas (EAs) were selected across the 14 districts (considering the old administrative boundary of 2015 Population and housing census). With this in mind, twenty (20) EAs were selected per district, with the exception of Bombali and Koinadugu that had 40 EAs each. Twelve (12) household were selected per EA to make a total of 3,840 households to be targeted. This means that each district had a quota of 240 households. At the end of the data collection, data was received for 3 685 (96 percent).

WEIGHTING

Regional strata weights were used.

Data collection

DATES OF DATA COLLECTION

| Start | End |
|------------|------------|
| 2021-10-24 | 2021-11-27 |

TIME PERIODS

| Start date | End date |
|------------|------------|
| 2021-10-24 | 2021-11-27 |

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

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 | 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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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 5, Sierra Leone, 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_SLE_2021_DEMHS-R5_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 United Nation | Metadata producer |

| | | | |
|------------------------------|-----|--|--------------------------|
| Office of Chief Statistician | OCS | Food and Agriculture Organization of United Nation | Metadata adapted for FAM |
|------------------------------|-----|--|--------------------------|

Data Dictionary

| Data file | Cases | Variables |
|------------------|--------------|------------------|
| data_anon | 3685 | 278 |