

Guatemala - Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 1, Guatemala, 2022

Food and Agriculture Organization of the United Nations, Data in Emergencies Hub

Report generated on: June 25, 2024

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Identification

SURVEY ID NUMBER

GTM_2022_DIEM-HS-R1_v01_EN_M_v01_A_ESS

TITLE

Data in Emergencies (DIEM) Monitoring System - Household Survey - Round 1, Guatemala, 2022

COUNTRY

Name	Country code
Guatemala	GTM

STUDY TYPE

Agricultural Census [ag/census]

ABSTRACT

The 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 the first DIEM-Monitoring household survey on 28 June 2022 to monitor agricultural livelihoods and food security in both rural and urban areas of Guatemala. Data collection continued until 3 August 2022. The random sample of 4,937 households was representative at the departmental level and targeted all 22 departments of Guatemala. The results of 20 departments have been presented due to inconsistencies identified in Escuintla and Suchitepéquez. For more information, please go to <https://data-in-emergencies.fao.org/pages/monitoring>

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Households

Scope

NOTES

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	Affiliation
Food and Agriculture Organization of the United Nations	United Nations

Data in Emergencies Hub	Food and Agriculture Organization of the United Nations
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PRODUCERS

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

FUNDING AGENCY/SPONSOR

Name	Abbreviation
United States Agency for International Development	USAID
European Union	EU
FAO's Special Fund for Emergency and Rehabilitation	SFERA

Sampling

SAMPLING PROCEDURE

For the GTM Round 1 household survey, a total of 4,937 households were interviewed. A two-stage sampling approach was employed to ensure representation at the departmental level across Guatemala, targeting all 22 departments. In the first stage, a sample size of 31 clusters per department was determined. Each cluster comprised eight households, totaling 248 households per department. The second stage involved systematic random sampling of households within each cluster. Due to data inconsistencies, results were only presented for 20 of the 22 departments, omitting Escuintla and Suchitepéquez. The survey used face-to-face interviews conducted from June 28 to August 3, 2022, as the sampling frame. For a comprehensive understanding of the sampling strategy, refer to the methodology document available in the data files and other resources section.

WEIGHTING

Observations were weighted for demographic population by province.

Data Collection

DATES OF DATA COLLECTION

Start	End
2022-06-28	2022-08-03

DATA COLLECTION MODE

Face-to-face [f2f]

Questionnaires

QUESTIONNAIRES

A link to the questionnaire has been provided in the documentation tab.

Data Processing

DATA EDITING

The datasets have been edited and processed for analysis by the Needs Assessment team at the Office of Emergencies 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
Needs Assessment Team - Office of Emergencies and Resilience	Food and Agriculture Organization	emergency-needs-assessments@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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CITATION REQUIREMENTS

FAO. 2023. Data in Emergencies Monitoring Household Survey – Guatemala, Round 1, 2022. data-in-emergencies.fao.org. Dataset downloaded from microdata.fao.org.

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Metadata production

DDI DOCUMENT ID

DDI_GTM_2022_DIEM-HS-R1_v01_EN_M_v01_A_ESS_FAO

PRODUCERS

Name	Role
Ibrahim AliAhmad	Metadata producer
Alessia Marcobelli	Metadata adapted for FAM

DDI DOCUMENT VERSION

GTM_2022_DIEM-HS-R1_v01_EN_M_v01_A_ESS

Data Dictionary

Data file	Cases	Variables
GTM_R1_anon	4937	238