

Ghana - Living Standards Survey IV 1998-1999

Ghana Statistical Service (GSS)

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Overview

Identification

ID NUMBER

GHA_1998_GLSS_v02_M

Version

VERSION DESCRIPTION

v01

NOTES

- Datasets and variables information (such as literal question, pre and post question text and interviewer instruction) are not added to the documentation.
- Relationship between datasets is not yet constructed.

Overview

ABSTRACT

The Ghana Living Standards Survey (GLSS), with its focus on the household as a key social and economic unit, provides valuable insights into living conditions in Ghana. The survey was carried out by the Ghana Statistical Service (GSS) over a 12-month period (April 1998 to March 1999). A representative nationwide sample of more than 5,998 households, containing over 25,000 persons, was covered in GLSS IV.

The fourth round of the GLSS has the following objectives:

- To provide information on patterns of household consumption and expenditure disaggregated at greater levels.
- In combination with the data from the earlier rounds to serve as a database for national and regional planning.
- To provide in-depth information on the structure and composition of the wages and conditions of work of the labor force in the country.
- To provide benchmark data for compilation of current statistics on average earnings, hours of work and time rates of wages and salaries that will indicate wage/salary differentials between industries, occupations, geographic locations and gender.

Additionally, the survey will enable policy-makers to

- Identify vulnerable groups for government assistance;
- Analyze the impact of decisions that have already been implemented and of the economic situation on living conditions of households;
- Monitor and evaluate the employment policies and programs, income generating and maintenance schemes, vocational training and similar programs. The joint measure of employment, income and expenditure provides the basis for analyzing the adequacy of employment of different categories of workers and income-generating capacity of employment-related economic development.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

- Household
- Individual
- Community
- Commodity

Scope

NOTES

The scope of Living Standards Survey 1998 includes:

- Household: Household roster, Education, Health, Employment and time use, Migration, Housing, Agriculture, Household expenditure, Non-farm enterprises, Income transfers, Credit, assets and savings
- Community: Demographic information, Economy and infrastructure, Education, Agriculture
- Price: Food, Non-food

Coverage

GEOGRAPHIC COVERAGE

National

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Ghana Statistical Service (GSS)	Government of Ghana

FUNDING

Name	Abbreviation	Role
Government of Ghana		Finance
World Bank	WB	Financial and technical assistance
European Union	EU	Financial and technical assistance

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Generation of the DDI

DATE OF METADATA PRODUCTION

2006-03-17

DDI DOCUMENT VERSION

Version 01 (August 2015)

Version 02 (October 2019). This version is identical to version 01, except for the Datasets which were updated.

DDI DOCUMENT ID
DDI_GHA_1998_GLSS_v02_M_WB

Sampling

Sampling Procedure

A nationally representative sample of households was selected in order to achieve the survey objectives. For the purposes of this survey the list of the 1984 population census Enumeration Areas (EAs) with population and household information was used as the sampling frame. The primary sampling units were the 1984 EAs with the secondary units being the households in the EAs. This frame, though quite old, was considered the best available at the time. Indeed, this frame was used for the earlier rounds of the GLSS.

In order to increase precision and reliability of the estimates, the technique of stratification was employed in the sample design, using geographical factors, ecological zones and location of residence as the main controls. Specifically, the EAs were first stratified according to the three ecological zones namely; Coastal, Forest and Savannah, and then within each zone further stratification was done based on the size of the locality into rural or urban.

A two-stage sample was selected for the survey. At the first stage, 300 EAs were selected using systematic sampling with probability proportional to size method (PPS) where the size measure is the 1984 number of households in the EA. This was achieved by ordering the list of EAs with their sizes according to the strata. The size column was then cumulated, and with a random start and a fixed interval the sample EAs were selected. It was observed that some of the selected EAs had grown in size over time and therefore needed segmentation. In this connection, such EAs were divided into approximately equal parts, each segment constituting about 200 households. Only one segment was then randomly selected for listing of the households. At the second stage, a fixed number of 20 households was systematically selected from each selected EA to give a total of 6,000 households. Additional 5 households were selected as reserve to replace missing households. Equal number of households was selected from each EA in order to reflect the labor force focus of the survey.

NOTE: The above sample selection procedure deviated slightly from that used for the earlier rounds of the GLSS, as such the sample is not self-weighting. This is because:

- given the long period between 1984 and the GLSS 4 fieldwork the number of households in the various EAs are likely to have grown at different rates.
- The listing exercise was not properly done as some of the selected EAs were not listed completely. Moreover, it was noted that the segmentation done for larger EAs during the listing was a bit arbitrary.

Response Rate

Out of the selected 6000 households 5999 were successfully interviewed. One household was further dropped during the data cleaning exercise because it had very few records for many of the sections in the questionnaire. This gave 5998 household representing 99.7% coverage. Overall, 25,694 eligible household members (unweighted) were covered in the survey.

Weighting

Detailed mathematical weighting coefficient computation is provided in the Ghana Living Standards Survey fourth round report which is provided as external resource.

Questionnaires

Overview

The main questionnaire used in the survey was the household questionnaire. In addition to this, there were community and Price questionnaires.

- Household Questionnaire: The household questionnaire was used to collect information on various topics some of which pertain to eligible individual household members. The questionnaire is in two parts, A and B.
- Community Questionnaire: The main aim of the community questionnaire was to identify the economic infrastructure, education and health facilities existing in the villages, as well as any related problems that affects their welfare. The questionnaire was administered in the rural EAs only.
- Price Questionnaire: As part of the survey a price questionnaire was designed to collect prices of most essential commodities in the local markets.

Data Collection

Data Collection Dates

Start	End	Cycle
1998-04	1999-03	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

Eleven field teams were involved in the data collection. The purpose of the eleventh team was to afford each of the 10 regular teams the opportunity to take 1 month off as annual leave.

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Data Collectors

Name	Abbreviation	Affiliation
Ghana Statistical Service	GSS	

Supervision

The Supervisor was the team leader and was responsible for overseeing, monitoring and, where necessary, correcting the work of the interviewers and the data entry operator. The interviewers conducted daily interviews with the household. To avoid any interruption in the survey schedule, three interviewers were always at work while the fourth took some rest.

Data Processing

Data Editing

Training: The project had 3 experienced computer programmers responsible for the data processing. Data processing started with a 2-weeks training of 15 data entry operators out of which the best 10 were chosen and 2 identified as standby. The training took place one week after the commencement of the fieldwork.

Data entry: Each data entry operator was assigned to one field team and stationed in the regional office of the GSS. The main data entry software used to capture the data was IMPS (Integrated Microcomputer Processing System). The data capture run concurrently as the data collection and lasted for 12 months.

Tabulation/Analysis: The IMPS data was read into SAS (Statistical Analysis System), after which the analysis and generation of the statistical tables were done using SAS.

Data Appraisal

No content available

Documentation

Questionnaires

Household Questionnaire

Title	Household Questionnaire
Author(s)	Ghana Statistical Service
Country	Ghana
Language	English
Description	This questionnaire is an essential tool for using the 1998/99 GLSS data sets. In addition to the questions, it also contains codes and skip patterns.
Filename	GHA_1998_GLSS_Household_Questionnaire_EN.pdf

Community Questionnaire

Title	Community Questionnaire
Author(s)	Ghana Statistical Service
Country	Ghana
Language	English
Description	This document contains the community questionnaire used to collect community level information.
Filename	GHA_1998_GLSS_Community_Questionnaire_EN.pdf

Price Questionnaire

Title	Price Questionnaire
Author(s)	Ghana Statistical Service
Country	Ghana
Language	English
Description	This document collects information on 71 food items and 52 non-food items for use in calculating price adjustments to the expenditures aggregate.
Filename	GHA_1998_GLSS_Price_Questionnaire_EN.pdf

Reports

Report of The Fourth Round Ghana Living Standards Survey

Title	Report of The Fourth Round Ghana Living Standards Survey
Author(s)	Ghana Statistical Service
Date	2000-10-01
Country	Ghana
Language	English
Description	This report contains the main results of the fourth round of the Ghana Living Standards Survey (GLSS4).
Filename	GHA_1998_GLSS_Report_EN.pdf

Poverty Trends in Ghana in the 1990s

Title Poverty Trends in Ghana in the 1990s
 Author(s) Ghana Statistical Service
 Date 2000-10-01
 Country Ghana
 Language English
 Description This report presents an analysis of poverty patterns and trends in Ghana based on the results of the 1991/92 and 1998/99 Ghana Living Standards Surveys.
 Filename Poverty_Trends_in_1990s.pdf

Technical documents

Interviewer's Instruction Manual

Title Interviewer's Instruction Manual
 Author(s) Ghana Statistical Service
 Date 1997-11-01
 Country Ghana
 Language English
 Description This document contains detailed information to the interviewers.
 Filename GHA_1998_GLSS_Interviewer_EN.PDF

Supervisor's Instruction Manual

Title Supervisor's Instruction Manual
 Author(s) Ghana Statistical Service
 Date 1997-11-01
 Country Ghana
 Language English
 Description This document contains the instructions to be followed by the survey supervisors.
 Filename GHA_1998_GLSS_Supervisor_EN.pdf

Data Entry Operator's Instruction Manual

Title Data Entry Operator's Instruction Manual
 Author(s) Ghana Statistical Service
 Date 1998-03-01
 Country Ghana
 Language English
 Description This document contains instructions for the key entry of the data.
 Filename GHA_1998_GLSS_Dataentry_EN.pdf

Data User's Guide

Title Data User's Guide
 Author(s) Ghana Statistical Service
 Country Ghana
 Language English

Description Describes the design of the survey and its coverage for potential users and provides general information about the general characteristics of the 1998/99 GLSS survey. It also discusses the data files and constructed variables.

Filename GHA_1998_GLSS_Data_User_Guide_EN.pdf

The Estimation of Components of Household Incomes and Expenditures

Title The Estimation of Components of Household Incomes and Expenditures

subtitle A Methodological Guide based on the Ghana Living Standards Survey, 1991/1992 and 1998/1999

Author(s) Ghana Statistical Service

Date 2000-10-01

Country Ghana

Language English

Description This document contains information on how the income and expenditure aggregates were calculated from the 1991/92 and 1998/99 surveys.

Filename Estimation_of_Components_of_Income_and_Expenditure.pdf
