Liberia - Household Income and Expenditure Survey 2016

Liberia Institute for Statistics and Geo-Information Services - Government of Liberia

Report generated on: April 9, 2018

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Sampling

Sampling Procedure

The original sample design for the HIES exploited two-phased clustered sampling methods, encompassing a nationally representative sample of households in every quarter and was obtained using the 2008 National Housing and Population Census sampling frame. The procedures used for each sampling stage are as follows:
i. First stage
Selection of sample EAs. The sample EAs for the 2016 HIES were selected within each stratum systematically with Probability Proportional to Size from the ordered list of EAs in the sampling frame. They are selected separately for each county by urban/rural stratum. The measure of size for each EA was based on the number of households from the sampling frame of EAs based on the 2008 Liberia Census. Within each stratum the EAs were ordered geographically by district, clan and EA codes. This provided implicit geographic stratification of the sampling frame.

ii. Second stage
Selection of sample households within a sample EA. A random systematic sample of 10 households were selected from the listing for each sample EA. Using this type of table, the supervisor only has to look up the total number of households listed, and a specific systematic sample of households is identified in the corresponding row of the table.

Questionnaires

Overview

There were three questionnaires administered for this survey:
1. Household and Individual Questionnaire
2. Market Price Questionnaire
3. Agricultural Recall Questionnaire

Data Collection

Data Collection Dates

Start	End	Cycle
2016-01	2017-01	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collectors

Name	Abbreviation	Affiliation
Liberia Institute for Statistics and Geo-Information Services	LISGIS	Government of Liberia

SUPERVISION

The data collection for the HIES used fourteen teams that included one supervisor, four enumerators, one GIS specialist who doubled up as an enumerator, one data entry clerk, and one driver. During each quarter, a monitoring team from LISGIS headquarter visited the field teams to observe fieldwork, assess data quality, and provide feedback and further training where applicable.

Data Processing

Data Editing

The data entry clerk for each team, using data entry software called CSPro, entered data for each household in the field. For each household, an error report was generated on-site, which identified key problems with the data collected (outliers, incorrect entries, inconsistencies with skip patterns, basic filters for age and gender specific questions etc.). The Supervisor along with the Data Entry Clerk and the Enumerator that collected the data reviewed these errors. Callbacks were made to households if necessary to verify information and rectify the errors while in that EA.

Once the data were collected in each EA, they were sent to LISGIS headquarters for further processing along with EA reports for each area visited. The HIES Technical committee converted the data into STATA and ran several consistency checks to manage overall data quality and prepared reports to identify key problems with the data set and called the field teams to update them about the same. Monthly reports were prepared by summarizing observations from data received from the field alongside statistics on data collection status to share with the field teams and LISGIS Management.

Data Appraisal

No content available

Related Materials

Questionnaires

Agricultural Recall Questionnaire

Title	Agricultural Recall Questionnaire
Country	Liberia
Language	English
Filename	HIES_2016_Lib_Ag_Qx_15_12_15 FINAL.pdf

Household and Individual Questionnaire

Title	Household and Individual Questionnaire
Country	Liberia
Language	English
Filename	HIES_2016_Lib_HH_Qx_08_12_15 FINAL.pdf

Price Questionnaire

Title	Price Questionnaire
Country	Liberia
Language	English
Filename	HIES_2016_Lib_Price_Qx_10_01_16 FINAL.pdf

Technical documents

HIES Basic Information Document 2016

Title	HIES Basic Information Document 2016
Country	Liberia
Language	English
Filename	LISGIS_HIES_2016_BINFO_Final.pdf

Household Income and Expenditure Survey 2016 Statistical Abstract

Title	Household Income and Expenditure Survey 2016 Statistical Abstract
Country	Liberia
Language	English
Filename	HIES 2016_StatisticalAbstract_Final_final.pdf

Household Income and Expenditure Survey

Title	Household Income and Expenditure Survey
Country	Liberia
Language	English
Filename	Infographic Pamphlet_final.pdf