

Nigeria - General Household Survey, Panel 2023-2024

National Bureau of Statistics (NBS)

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Identification

SURVEY ID NUMBER

NGA_2023_GHSP-W5_v01_M

TITLE

General Household Survey, Panel 2023-2024

SUBTITLE

Wave 5

ABBREVIATION OR ACRONYM

GHS-Panel Wave 5 2023-24

COUNTRY

Name	Country code
Nigeria	NGA

STUDY TYPE

Living Standards Measurement Study [hh/lsms]

SERIES INFORMATION

The Nigeria General Household Survey panel component (GHS-Panel) is part of a larger, regional project in Sub-Saharan Africa. The GHS-Panel is the result of a partnership that the NBS has established with the Bill and Melinda Gates Foundation (BMGF) and the World Bank (WB). The ability to follow the same households over time makes the GHS-Panel a powerful tool for studying and understanding income generating activities and socio-economic outcomes in Nigeria. The GHS-Panel is the first panel survey to be carried out by NBS.

The 2023/24 GHS-Panel is the fifth round of the survey with prior rounds conducted in 2010/11, 2012/13, 2015/16, and 2018/19.

ABSTRACT

The General Household Survey-Panel (GHS-Panel) is implemented in collaboration with the World Bank Living Standards Measurement Study (LSMS) team as part of the Integrated Surveys on Agriculture (ISA) program. The objectives of the GHS-Panel include the development of an innovative model for collecting agricultural data, interinstitutional collaboration, and comprehensive analysis of welfare indicators and socio-economic characteristics. The GHS-Panel is a nationally representative survey of approximately 5,000 households, which are also representative of the six geopolitical zones. The 2023/24 GHS-Panel is the fifth round of the survey with prior rounds conducted in 2010/11, 2012/13, 2015/16 and 2018/19. The GHS-Panel households were visited twice: during post-planting period (July - September 2023) and during post-harvest period (January - March 2024).

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

- Households
- Individuals
- Agricultural plots
- Communities

Version

VERSION DESCRIPTION

Version 01: Edited, anonymized dataset for public distribution

Scope

NOTES

The 2023-2024 Nigeria General Household Survey - Panel (GHS-Panel, Wave 5) covered the following topics:

HOUSEHOLD

- Household identification including geographic area identification information
- Household Roster
- Migration in the Last 12 Months
- Migration in the Past 10 Years
- Absentee Roster (Non-Household Members)
- Migration Aspirations
- Remittances
- Health
- Labour
- Work Activities in the Last 12 Months
- Savings and Insurance
- ICT - Mobile Phone Banking
- Credit
- Meals Away from Home
- Food Consumption and Expenditure
- Aggregate Food Consumption
- Non-food Expenditure
- Petrol
- Food Security
- Household Assets
- Other Household Income
- Education
- Early Child Development
- Childcare
- Subjective Skills
- Time Use
- Dietary Diversity
- Anthropometry
- Non-farm Enterprises
- Housing
- Food Consumption Shocks
- Safety Nets
- Economic Shocks

AGRICULTURE

- Household identification including geographic area identification information
- Plot Roster
- Land Inventory
- Household Labour
- Hired and Exchange Labour
- Seed Acquisition
- Planted Crops
- Animal Holdings
- Animal Costs
- Animal Power and Dung
- Milk Production
- Egg Production
- Extension Services
- Extension Sources
- Digital Farming Information
- Input Use on Plot
- Input Acquisition
- Field Crop Harvest
- Crop Disposition
- Tree and Permanent Crop Harvest

- Post-Harvest Labour - Household
- Post-Harvest Labour - Hired and Exchange
- Agricultural Capital

COMMUNITY

- Community Identification
- Respondents Characteristics
- Food Prices
- Labour
- Land Prices and Credit
- Community Infrastructure and Transportation
- Community Organizations
- Community Resource Management
- Social Norms
- Community Changes
- Community Key Events
- Community Needs, Actions, and Achievements
- Expectations on Climate Extremes and Past Experience

Coverage

GEOGRAPHIC COVERAGE

National

UNIVERSE

The survey covered all de jure households excluding prisons, hospitals, military barracks, and school dormitories.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
National Bureau of Statistics (NBS)	Federal Government of Nigeria

PRODUCERS

Name	Abbreviation	Role
The World Bank	WB	Collaborated in the implementation of the survey

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Bill and Melinda Gates Foundation	BMGF	Funded the study
Federal Government of Nigeria	Govt NGA	Funded the study
The World Bank	WB	Funded the study

Sampling

SAMPLING PROCEDURE

The original GHS-Panel sample was fully integrated with the 2010 GHS sample. The GHS sample consisted of 60 Primary Sampling Units (PSUs) or Enumeration Areas (EAs), chosen from each of the 37 states in Nigeria. This resulted in a total of 2,220 EAs nationally. Each EA contributed 10 households to the GHS sample, resulting in a sample size of 22,200 households. Out of these 22,200 households, 5,000 households from 500 EAs were selected for the panel component, and 4,916 households completed their interviews in the first wave.

After nearly a decade of visiting the same households, a partial refresh of the GHS-Panel sample was implemented in Wave 4 and maintained for Wave 5. The refresh was conducted to maintain the integrity and representativeness of the sample. The refresh EAs were selected from the same sampling frame as the original GHS-Panel sample in 2010. A listing of households was conducted in the 360 EAs, and 10 households were randomly selected in each EA, resulting in a total refresh sample of approximately 3,600 households.

In addition to these 3,600 refresh households, a subsample of the original 5,000 GHS-Panel households from 2010 were selected to be included in the new sample. This “long panel” sample of 1,590 households was designed to be nationally representative to enable continued longitudinal analysis for the sample going back to 2010. The long panel sample consisted of 159 EAs systematically selected across Nigeria’s six geopolitical zones.

The combined sample of refresh and long panel EAs in Wave 5 that were eligible for inclusion consisted of 518 EAs based on the EAs selected in Wave 4. The combined sample generally maintains both the national and zonal representativeness of the original GHS-Panel sample.

DEVIATIONS FROM THE SAMPLE DESIGN

Although 518 EAs were identified for the post-planting visit, conflict events prevented interviewers from visiting eight EAs in the North West zone of the country. The EAs were located in the states of Zamfara, Katsina, Kebbi and Sokoto. Therefore, the final number of EAs visited both post-planting and post-harvest comprised 157 long panel EAs and 354 refresh EAs. The combined sample is also roughly equally distributed across the six geopolitical zones.

RESPONSE RATE

Since Wave 1, every effort has been made to track and interview households that had moved away from their original EA and keep attrition to a minimum. These efforts continued in Wave 5, particularly for the long panel sample. Households that had moved away from their previous location were interviewed in a separate tracking phase following both the post-planting and post-harvest visits. Of the 1,590 households interviewed in Wave 1 within these 159 EAs, 1,376 households were successfully interviewed in both visits of Wave 5. This implies an overall attrition rate since 2010 across these EAs of 13.5 percent. However, attrition is highly variable across zones and sectors. The highest attrition was found in rural EAs in South West (28.8 percent) and the lowest attrition in rural EAs in North Central (5.3 percent). Attrition was also higher among urban (17.8 percent) than rural (11.4 percent) households. Overall, 168 long panel households had moved and were interviewed in their new location (over 10 percent of the sample). The highest number of households that had moved was in the urban area in South West (47 households, accounting for 25.7 percent of the sample).

WEIGHTING

As with any probability sample survey, sampling weights must be calculated and applied to produce estimates that are representative of the survey domains. The weights primarily reflect the inverse probability of inclusion of the interviewed households into the sample with adjustments to account for nonresponse/attrition and calibration to auxiliary data on population estimates. This section describes the different sets of weights calculated and included in the GHS-Panel wave 5 data. Three different weights were prepared for wave 5 of the GHS-Panel reflecting different subsamples and tailored to specific analytical objectives.

As described above, there are two main components of the wave 5 sample: the refresh and the long panel samples. The long panel sample is intended to be analysed independently since it constitutes a panel of households that extends back to wave 1. It therefore needs a dedicated weight. The other analytical sample considered for the GHS-Panel is the pooled or combined sample of longitudinal households and refresh households. The pooled sample will also of course need a separate weight.

In addition to the analytical samples, different weights are provided which are tailored to cross-sectional and longitudinal analysis using the GHS-Panel wave 5 data. While the GHS-Panel is primarily designed as a longitudinal survey and thus with longitudinal analysis as the primary goal, the survey could also provide valuable cross-sectional insights. Separate weights are provided which attempt to satisfy these two objectives

Thus, the three different sets of weights calculated and included in the GHS-Panel are:

1. Longitudinal weights to be applied to the long panel sample: used for analysis that seeks to track dynamics within long panel households across the 5 waves of the GHS-Panel
2. Longitudinal weights to be applied to the combined sample: used for analysis that seeks to track dynamics within all wave 5 households (long panel + refresh) between waves 4 and 5
3. Cross-sectional weights to be applied to the combined sample: used for analysis that seeks to provide representative estimates of the current population of Nigerian households at the time of wave 5 (2023/24).

Slightly different though closely related approaches were applied to calculate these three different weights. When calculating all three weights, only households successfully interviewed in both visits of wave 5 were considered.

The longitudinal weights for both the long panel and combined samples were constructed in the following stages:

1. The original weights calculated in wave 4 for each sample served as the base weights
2. An adjustment was performed to attempt to correct for and limit any attrition or nonresponse bias between wave 4 and wave 5. The adjustment was performed via a modelled response propensity using a logit model:

$$\ln[(p(x_i))/(1-p(x_i))]= a + \beta_1 X_i$$

where $p(x_i)$ is the probability that household i was selected for the long-panel sample and successfully interviewed and X_i is a vast set of household characteristics from wave 1 which are potentially correlated with the probability of response. For the long panel sample, characteristics observed in wave 1 were used in the response propensity model while for the combined sample characteristics from wave 4 were used. Following estimation of the logit model, the predicted probability of each household being interviewed, $\hat{p}(x_i)$, is derived using the model parameters. In principle, the inverse of the predicted probability could serve as the adjustment factor applied to the weights. However, in practice the unit-level inverse predicted probability is not taken as the adjustment factor, but rather the units are sorted into response (i.e., coverage) classes and the adjustment applied uniformly within those response classes. Response classes were created according to the decile of predicted probability (i.e., 10 classes) within each Zone and applied a conversion factor that takes the ratio of the sum of base weights for all targeted households over the sum of base weights for the successfully interviewed households. The adjustment factor is then applied to the base weights to arrive at the adjusted weight.

3. The weights were calibrated to reflect the distribution of the target population. For both the long panel and combined samples, the longitudinal weights were calibrated to (1) reflect the total number of households in each Zone in 2010 (i.e. during the first wave of the GHS-Panel).

4. Lastly, for the combine sample, outlier weights were truncated applying lower and upper bounds that correspond to the maximum and minimum values of the wave 4 weights (while also maintaining the calibrated parameters in step 3). No trimming was deemed necessary for the longitudinal long panel weights.

The cross-sectional weights were constructed in three stages:

1. The original weights calculated in wave 4 for the combined sample served as the base weights
2. The base weights were then adjusted for non-response using the same response propensity modelling approach described above for the longitudinal weights.
3. The weights were calibrated to reflect the distribution of the underlying population at the time of the wave 5 survey. Official population projections for 2023 were used as calibration constraints reflecting the individual population of males and females in each state. The population estimates used are displayed in Table 3.2.1 of the Basic Information Document.

All three weights can be found in the cover page data files for both the post-planting (secta_plantingw5.dta) and post-harvest (secta_harvestw5.dta). The variable names in both data files are wt_wave5 for the longitudinal weights applied to the combined samples, wt_longpanel_wave5 for the long-panel longitudinal weights, and wt_cross_wave5 for the cross-sectional weights.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2023-07	2023-09	Post-Planting
2024-01	2024-03	Post-Harvest

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTION NOTES

ORGANIZATION OF FIELDWORK: Data were collected by teams consisting of a supervisor and between 2 to 5 interviewers. The number of teams varied from state to state depending on the number of EAs identified using Wave 4 data. The teams moved in a roving manner and data collection lasted for between 20 – 30 days for each of the post-planting and post-harvest visits.

The GHS-Panel Wave 5 was administered in two visits: post-planting (July - September 2023) and post-harvest (January - March 2024). A tracking phase was conducted after both visits in October-November 2023 and April-May 2024 to interview

long panel households that had moved from their location in the previous visit (Wave 4 post-harvest) or any household that had moved between the post-planting and post-harvest visits in Wave 5.

Among the GHS-Panel Wave 5 enumeration areas (EAs), 106 EAs were selected to participate in a mixed-mode study for measuring agricultural labor and inputs. This study targeted 937 households in these randomly selected agricultural/rural EAs in Nigeria. Phones and sim cards were distributed to these households during the post-planting visit. The households that agreed to participate in the study were called each month (4 rounds of phone calls in total) and information about the inputs use of up to three plots were collected in each call using the days since the last completed interview as a reference period. During the post-harvest, the reference period used for the targeted households was the last completed interview (including the monthly phone calls received in between the post-planting and post-harvest visit) in the modules (A2a) Household on-plot labour, (A2b) Hired on-plot labour, and (11c2) Input use in plots. Additional files will be included as part of the GHS-Panel data that include the data collected for these modules during the 4 rounds of phone calls.

GIFTS TO HOUSEHOLD: As a show of appreciation for the panel households' continued participation, all households that were located, were given a gift (even if they refused to participate). Gifts were given during both the post-planting and post-harvest visits and consisted of different types of food flask (container for storing food). Additionally, the gifts (food flasks) were presented to the Community leader and their deputy to show appreciation for their participation to the community survey as well as for facilitating the interviews with the households within their community. Recipients were very appreciative of the gifts and in many cases were essential to ensure continued participation in the panel.

PRE-LOADED INFORMATION: Basic information on every household was pre-loaded in the CAPI assignments for each interviewer. The information was pre-loaded to (1) assist interviewers in locating and identifying the household and (2) ensure that each pre-loaded unit (person, plot, etc.) is properly addressed and easily matched to previous visits. Basic household information (location, household head name, phone number, etc.) was pre-loaded in both visits for all households.

In addition, in the post-planting visit, the list of individuals from Wave 4 and their basic characteristics were uploaded for households. This helped maintain the panel of individuals and ensure the status of each individual was confirmed in Wave 4. In the post-harvest visit, several information was pre-loaded that was collected in the post-planting visit. This included (1) the list of individuals and their basic characteristics, (2) the list of plots of land and their basic characteristics and (3) the list of crops cultivated on each plot of land.

FIELDWORK MONITORING AND EVALUATION: As an additional aid to ensuring good quality data, extensive monitoring was done of the field work. There were three levels of monitoring and evaluation. The first level of monitoring followed immediately after the zonal training. One (1) monitor was assigned to 2 states and all states were covered, including Federal Capital Authority, Abuja (FCT, Abuja). This monitoring was carried out by the technical team from the zonal training (i.e. the trainers) which included individuals from the Head Office of NBS. The second monitoring was carried out by NBS state officers and zonal controllers and took place over an extended period during the fieldwork. The third and final monitoring took place no later than a week before the end of fieldwork. The team involved in the third monitoring was selected from the team that carried out the first monitoring.

During first and second monitoring, the monitors made sure that proper compliance with the procedures as contained in the manual were followed, effected necessary corrections and tackled problems that arose. Where problems were found, these were corrected either directly or through a revisit to the household for verification of information or for further information.

DATA COLLECTORS

Name	Abbreviation	Affiliation
National Bureau of Statistics	NBS	Federal Government of Nigeria

Questionnaires

QUESTIONNAIRES

The GHS-Panel Wave 5 consisted of three questionnaires for each of the two visits. The Household Questionnaire was administered to all households in the sample. The Agriculture Questionnaire was administered to all households engaged in agricultural activities such as crop farming, livestock rearing, and other agricultural and related activities. The Community Questionnaire was administered to the community to collect information on the socio-economic indicators of the enumeration areas where the sample households reside.

GHS-Panel Household Questionnaire: The Household Questionnaire provided information on demographics; education; health; labour; childcare; early child development; food and non-food expenditure; household nonfarm enterprises; food

security and shocks; safety nets; housing conditions; assets; information and communication technology; economic shocks; and other sources of household income. Household location was geo-referenced in order to be able to later link the GHS-Panel data to other available geographic data sets (forthcoming).

GHS-Panel Agriculture Questionnaire: The Agriculture Questionnaire solicited information on land ownership and use; farm labour; inputs use; GPS land area measurement and coordinates of household plots; agricultural capital; irrigation; crop harvest and utilization; animal holdings and costs; household fishing activities; and digital farming information. Some information is collected at the crop level to allow for detailed analysis for individual crops.

GHS-Panel Community Questionnaire: The Community Questionnaire solicited information on access to infrastructure and transportation; community organizations; resource management; changes in the community; key events; community needs, actions, and achievements; social norms; and local retail price information.

The Household Questionnaire was slightly different for the two visits. Some information was collected only in the post-planting visit, some only in the post-harvest visit, and some in both visits.

The Agriculture Questionnaire collected different information during each visit, but for the same plots and crops.

The Community Questionnaire collected prices during both visits, and different community level information during the two visits.

Data Processing

DATA EDITING

CAPI: Wave five exercise was conducted using Computer Assisted Person Interview (CAPI) techniques. All the questionnaires (household, agriculture, and community questionnaires) were implemented in both the post-planting and post-harvest visits of Wave 5 using the CAPI software, Survey Solutions. The Survey Solutions software was developed and maintained by the Living Standards Measurement Unit within the Development Economics Data Group (DECDG) at the World Bank. Each enumerator was given a tablet which they used to conduct the interviews. Overall, implementation of survey using Survey Solutions CAPI was highly successful, as it allowed for timely availability of the data from completed interviews.

DATA COMMUNICATION SYSTEM: The data communication system used in Wave 5 was highly automated. Each field team was given a mobile modem which allowed for internet connectivity and daily synchronization of their tablets. This ensured that head office in Abuja had access to the data in real-time. Once the interview was completed and uploaded to the server, the data was first reviewed by the Data Editors. The data was also downloaded from the server, and Stata dofile was run on the downloaded data to check for additional errors that were not captured by the Survey Solutions application. An excel error file was generated following the running of the Stata dofile on the raw dataset. Information contained in the excel error files were then communicated back to respective field interviewers for their action. This monitoring activity was done on a daily basis throughout the duration of the survey, both in the post-planting and post-harvest.

DATA CLEANING: The data cleaning process was done in three main stages. The first stage was to ensure proper quality control during the fieldwork. This was achieved in part by incorporating validation and consistency checks into the Survey Solutions application used for the data collection and designed to highlight many of the errors that occurred during the fieldwork.

The second stage cleaning involved the use of Data Editors and Data Assistants (Headquarters in Survey Solutions). As indicated above, once the interview is completed and uploaded to the server, the Data Editors review completed interview for inconsistencies and extreme values. Depending on the outcome, they can either approve or reject the case. If rejected, the case goes back to the respective interviewer's tablet upon synchronization. Special care was taken to see that the households included in the data matched with the selected sample and where there were differences, these were properly assessed and documented. The agriculture data were also checked to ensure that the plots identified in the main sections merged with the plot information identified in the other sections. Additional errors observed were compiled into error reports that were regularly sent to the teams. These errors were then corrected based on re-visits to the household on the instruction of the supervisor. The data that had gone through this first stage of cleaning was then approved by the Data Editor. After the Data Editor's approval of the interview on Survey Solutions server, the Headquarters also reviews and depending on the outcome, can either reject or approve.

The third stage of cleaning involved a comprehensive review of the final raw data following the first and second stage cleaning. Every variable was examined individually for (1) consistency with other sections and variables, (2) out of range responses, and (3) outliers. However, special care was taken to avoid making strong assumptions when resolving potential errors. Some minor errors remain in the data where the diagnosis and/or solution were unclear to the data cleaning team.

Access policy

CONTACTS

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LSMS Data Manager	The World Bank	lsms@worldbank.org

ACCESS CONDITIONS

Before being granted access to the dataset, all users have to formally agree:

1. To make no copies of any files or portions of files to which s/he is granted access except those authorized by the data depositor.
2. Not to use any technique in an attempt to learn the identity of any person, establishment, or sampling unit not identified on public use data files.
3. To hold in strictest confidence the identification of any establishment or individual that may be inadvertently revealed in any documents or discussion, or analysis. Such inadvertent identification revealed in her/his analysis will be immediately brought to the attention of the data depositor.

CITATION REQUIREMENTS

Use of the dataset must be acknowledged using a citation which would include:

- the Identification of the Primary Investigator
- the title of the survey (including country, acronym and year of implementation)
- the survey reference number
- the source and date of download

National Bureau of Statistics. Nigeria General Household Survey, Panel (GHS-Panel) Wave 5 2023-2024. Dataset downloaded from [source] on [date].

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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_2023_GHSP-W5_v01_M

PRODUCERS

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

DATE OF METADATA PRODUCTION

2024-11-18

DDI DOCUMENT VERSION

Version 01 (November 2024)

Data Dictionary

Data file	Cases	Variables
secta_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section Cover. This section captures household-level information. The dataset includes household identifiers, enumerator and supervisor identifiers, the date and time of the interview, questions to determine whether the household is engaged in agricultural activities, and observation notes recorded by the enumerator during the interview.	5067	35
sect1_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1 (Household Roster). This section captures a roster of individuals living in the household, including their relationship to the household head, gender, year of birth, age, marital status, spouse identification, religion, parental status, and details for new members such as the date and reason for joining the household, as well as migration information.	32009	122
sect1a_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1A (Migration Past 12 Months). This section captures individual-level information. This section dataset contains the migration experiences of current household members over the past 12 months, including the reasons for migration, destinations, and purposes of their absence.	27421	57
sect1b_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1B (Migration Past 10 Years). This section captures individual-level information. This dataset contains information on the migration experiences of current household members over the past 10 years, excluding any migration episodes from the past 12 months that have already been reported in Section 1A.	27421	44
sect1ca_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1C (Absentees, question 0a). This section captures household-level information. This dataset includes a filter variable that identifies households with members who have moved away.	4771	7
sect1c_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1C (Absentees, questions 2-17). This section collects information on former household members who have migrated within or outside the country in the past 10 years and are not current household members.	304	34
sect1d_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1D (Migration Aspirations). This section records individual-level information on migration desires, plans, and unsuccessful attempts among household members aged 15 years and older.	27421	58
sect1e_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 1E (Remittances). This section records individual-level information on remittances received, both from abroad and within Nigeria.	27421	22
sect3_plantingw5.dta Data collected through Post Planting Household Questionnaire Section 3 (Health). This section records individual-level information on general health status, healthcare utilization and costs, functioning and disability status, and the use of bed nets.	27421	64
sect4a_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 4A (Labour). This section records individual-level information on labor market participation over the past 7 days, including temporary absences, job search activities, and wage work (covering benefits, work hours, and payment).	27421	135
sect4b_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 4B (Work Activities). This section records individual-activity level information on the work activities of household members over the past 12 months.	712946	41

sect5a1_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 5A (Savings and Insurance, questions 1-7). This section records individual-level information on savings practices and financial practices.	27421	22
sect5a2_plantingw5.dta Data collected through Post Planting Household Questionnaire Section 5A (Savings and Insurance, questions 16-17c). This section records household-level information on insurance coverage.	4771	23
sect5b_plantingw5.dta Data collected through Post Planting Household Questionnaire Section 5B (ICT). This section records individual-level information on access to mobile phones and Internet usage.	27421	26
sect5c1_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 5C (Credit, questions 1, 23 and 24). This section records household-level information on attempts to borrow money, including reasons for not doing so.	4771	19
sect5c2_plantingw5.dta Data collected through Post Planting Household Questionnaire Section 5C (Credit, questions 2b-22). This section records household-loan level information on credit history including loans received, loans pending, and loan refusals.	683	42
sect6a_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 6A (Meals away from home). This section records household-meal level information on the value of food consumed outside the home during the past 7 days.	42939	10
sect6b_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 6B (Food Consumption). This section records household-food item level information on the quantity and value of food consumed within the household during the past 7 days, as well as the quantity and value of food purchased during the past 30 days.	529470	26
sect6c_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 6C (Aggregate Food Consumption). This section records household-food item level information on the number of days the household consumed each food group item during the last 7 days.	52481	11
sect7a_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 7 (Non-Food Expenditure, questions 1-2). This section records household-nonfood item level information on non-food expenditure during the last week.	23855	9
sect7b_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 7 (Non-Food Expenditure, questions 3-4). This section records household-nonfood item level information on non-food expenditure during the last month.	224237	9
sect7c_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 7 (Non-Food Expenditure, questions 5-6). This section records household-nonfood item level information on non-food expenditure during the last 12 months.	305344	9
sect8_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 8 (Petrol). This section records household-level information on the experience of buying petrol over the past 30 days, including the quantity purchased, the cost, issues faced during the purchase, and reasons for buying it. It also captures awareness of the government's petrol subsidy program and support for its reform.	4771	29
sect9_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 9 (Food Security). This section records household-level information on food security status of the household during the last 30 days/last 12 months.	4771	45

sect10_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 10 (Household Assets). This section records household-asset level information on durable goods currently possessed by the household.	200382	25
sect11_plantingw5.dta Data collected through Post-Planting Household Questionnaire Section 11 (Other Household Income). This section records household-income level information on miscellaneous income received by the household.	33397	15
sect11a_plantingw5.dta Data collected through Post-Planting Agriculture Questionnaire Section Cover. This section captures household-level information. The dataset includes household identifiers, enumerator and supervisor identifiers, the date and time of the interview, questions to determine whether the household is engaged in agricultural activities.	4771	21
sect11a1_plantingw5.dta Data collected through Post-Planting Agriculture Questionnaire Section 11A1 (Plot Roster). This section captures a roster of all plots owned and/or managed by the household, farmer estimated area, GPS measured area, GPS measured location of the plot, decision maker of the plot.	9232	23
sect11b1_plantingw5.dta Data collected through Post-Planting Agriculture Questionnaire Section 11B (Land Inventory). This section records plot-level information on plot acquisition, tenure (legal title, ownership document), rental arrangement, sharecropping arrangement, use rights (collateral, inheritance).	9232	196
sect11c1_plantingw5.dta Data collected through Post Planting Agriculture Questionnaire Section 11C1 (Household Labour, questions 0-0a). This section records household-level information on household labour that worked on the plot.	3345	8
sect11c1a_plantingw5.dta Data collected through Post Planting Agriculture Questionnaire Section 11C1 (Household Labour, questions 1a-1d). This section records individual-plot level information on household labour that worked on the plot. Includes information on amount of time spent by each person.	34923	17
sect11c1b_plantingw5.dta Data collected through Post Planting Agriculture Questionnaire Section 11C2 (Hired and Exchange Labour). This section records plot-level information on hired and free/exchange labour that worked on the plot. Includes information on amount of time spent by each person-type and payments made to hired labour.	4112	64
sect11e1_plantingw5.dta Data collected through Post Planting Agriculture Questionnaire Section 11E (Seed Acquisition, questions 1-15). This section asks about the acquisition of the seeds that were used to plant the crops cultivated on the household PLOTS during this agricultural season. Information is captured at the SEED TYPE level – improved or traditional/local.	8210	41
sect11e2_plantingw5.dta Data collected through Post Planting Agriculture Questionnaire Section 11E (Seed Acquisition, questions 16-17). This section records household-level information on seed transportation costs.	3314	8
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sectc2_plantingw5.dta Data collected through Post Planting Community Questionnaire Section C2 (Food Prices). This section records prices of food items in the community.	56277	17
sectc3a_plantingw5.dta Data collected through Post Planting Community Questionnaire Section C3 (Labour, questions 1-2b). This data records the activities for which individuals in this community hire labor.	507	10
sectc3b_plantingw5.dta Data collected through Post Planting Community Questionnaire Section C3 (Labour, questions 2-12a). This data records the labour hired for agricultural activities by famers in the community.	4085	19
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sectc4b_plantingw5.dta Data collected through Post Planting Community Questionnaire Section C4 (Land Prices and Credit, questions 4a-4d). This data records land prices.	507	11
sectc4c_plantingw5.dta Data collected through Post Planting Community Questionnaire Section C4 (Land Prices and Credit, questions 5-16). This data records how individuals in the community obtain credit.	2028	17
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sect3c_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 3C (Time Use). This section records individual-level information on the amount of time household members spend doing various daily activities including paid work, caring for children, domestic chores, and so on in the last 24 hours prior to the visit.	10241	112
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sect4a_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 4A (Labour). This section records individual-level information on labor market participation over the past 7 days, including temporary absences, job search activities, and wage work (covering benefits, work hours, and payment).	25662	134
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sect5a_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 5A (Meals away from home). This section records household-meal level information on the value of food consumed outside the home during the past 7 days.	9512	10
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sect5c_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 5C (Aggregate Food Consumption). This section records household-food item level information on the number of days the household consumed each food group item during the last 7 days.	56580	11
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sect6b_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 6B (Non-Food Expenditure, questions 3-4). This section records household-nonfood item level information on non-food expenditure during the last month.	221605	10
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sect8b_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 8 (Non-Farm Enterprises, questions 2a-12b, 13a-30). This section records household-NFE level information on enterprises/activities characteristics and operating status, loan, stock, costs and profits.	3436	80
sect8c_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 8 (Non-Farm Enterprises, questions 12b-12d). This section records individual-NFE level information on the number of months spent working in the nonfarm enterprise.	3814	28
sect8d_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 8D (Non-Farm Enterprises, questions 33-38). This section records household-level information on constraints to starting, operating, and growing a nonfarm enterprise (NFE).	4715	20
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sect10_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 10 (Food Consumption Shocks). This section records household-level information on the effects of external conditions on a household's normal food consumption practices.	4715	54

sect11a_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 11 (Safety nets, questions 0-1a). This section records household-level information on assistance received from institutions.	4715	11
sect11b_harvestw5.dta Data collected through Post Harvest Household Questionnaire Section 11 (Safety nets, questions 2-9). This section records household-program level information on the characteristics of the assistance received from institutions.	1720	44
sect12_harvestw5.dta Data collected through Post-Harvest Household Questionnaire Section 12 (Economic Shocks). This section records household-shock level information on economic shocks affecting the household and coping mechanism adopted by the household.	136735	20
sectaa_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section Cover. This section captures household-level information. The dataset includes household identifiers, enumerator and supervisor identifiers, the date and time of the interview, questions to determine whether the household is engaged in agricultural activities.	4717	14
secta1_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A1 (Plot Roster). This section follows up on the use of land listed in post- planting visit, farmer estimated area, GPS measured area, GPS measured location of the plot, decision maker of the new plots (i.e. added since post-planting visit)	9176	112
secta2a_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A2A (Household Labor). This section records individual-plot level information on household labour that worked on the plot. Includes information on amount of time spent by each person.	33250	19
secta2b_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A2B (Hired and Exchange Labor). This section records plot-level information on hired and free/exchange labour that worked on the plot. Includes information on amount of time spent by each person-type and payments made to hired labour.	3434	70
secta3i_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A3i (Field Crop Harvest). This section records household crop-level information on timing of harvest, quantity of harvested crops, estimated value, and expected harvest.	10071	47
secta3iii_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A3iii (Tree and Permanent Crop Harvest). This section records household crop-level information on timing of harvest, quantity of harvested crops, and estimated value.	483	26
secta3ii_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A3ii (Crop Disposition). This section records household crop-level information on sale of unprocessed crops, processing of crops, sale of processed crops, other crop disposition.	7184	63
sectaphl1_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section PHL1 (Post-Harvest Labour - Household). This section records household crop-level information on Household labour that worked on post-harvest activities of the harvested crops. Includes information on amount of time spent by each person.	40354	19
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secta4_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A4 (Agricultural Capital). This section records household-level information on ownership and value of agricultural machinery and tools owned by the household.	67592	17

secta5b_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section A5B (Extension Services). This section records household-level information on services provided by various source of agricultural advice (government and non-government). Includes frequency of visits and usefulness of the information provided.	50745	29
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secta12_harvestw5.dta Data collected through Post-Harvest Agriculture Questionnaire Section 12 (Digital Farming Information). This section records household-level information on the farmers access, use, and experience with digital farming services in the rainy season.	1860	219
sectc_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section Cover. This section records community identifier variables, enumerator and supervisor identifiers, date and time of interview.	510	10
sectc1_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C1 (Respondents Characteristics). This data records This section records respondent characteristics. Includes position in the community and education level.	3202	17
sectc2a_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C2 (Labour, questions 1-2b). This data records the activities for which individuals in this community hire labor.	508	10
sectc2b_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C2 (Labour, questions 3-12b). This data records the labour hired for agricultural activities by famers in the community.	4191	20
sectc3_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C3 (Social Norms). This data records the appreciation of prevailing social norms.	508	33
sectc4_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C4 (Changes). This data records the changes in the community compared to 3 years ago.	15240	9
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sectc6b_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C6B (Expectations on Climate Extremes and Past Experience). This data records farmer's expectations, approaches to reducing impact and previous experiences.	2032	57
sectc8_harvestw5.dta Data collected through Post Harvest Community Questionnaire Section C8 (Food Prices). This section records prices of food items in the community.	56388	15

Download related resources

Questionnaires

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Household Questionnaire

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Household Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename GHS-Panel W5 - PP Household Questionnaire.pdf

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Agriculture Questionnaire

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Agriculture Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename GHS-Panel W5 - PP Agriculture Questionnaire.pdf

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Community Questionnaire

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Community Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename GHS-Panel W5 - PP Community Questionnaire.pdf

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Harvesting Visit, Household Questionnaire

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Harvesting Visit, Household Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename GHS-Panel W5 - PH Household Questionnaire.pdf

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5

(2023-2024) Post-Harvesting Visit, Agriculture Questionnaire

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Harvesting Visit, Agriculture Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename GHS-Panel W5 - PH Agriculture Questionnaire.pdf

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Harvesting Visit, Community Questionnaire

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Harvesting Visit, Community Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
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Reports

Nigeria General Household Survey-Panel (Wave 5) 2023-2024, Tracking Nigerian Households to Understand Their Resilience Over Time, Summary of Key Findings

Title Nigeria General Household Survey-Panel (Wave 5) 2023-2024, Tracking Nigerian Households to Understand Their Resilience Over Time, Summary of Key Findings
 Author(s) Nigerian National Bureau of Statistics Supported by the World Bank Living Standards Measurement Study (LSMS)
 Country Nigeria
 Language English
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 Author(s) Nigerian National Bureau of Statistics Supported by the World Bank Living Standards Measurement Study (LSMS)
 Country Nigeria
 Language English

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Title Nigeria General Household Survey-Panel (Wave 5) 2023-2024, Tracking Nigerian Households to Understand Their Resilience Over Time, Data Snapshot Series No. 2: Dietary Diversity in Nigeria
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Nigeria General Household Survey-Panel (Wave 5) 2023-2024, Tracking Nigerian Households to Understand Their Resilience Over Time, Data Snapshot Series No. 1: Early Childhood Development in Nigeria

Title Nigeria General Household Survey-Panel (Wave 5) 2023-2024, Tracking Nigerian Households to Understand Their Resilience Over Time, Data Snapshot Series No. 1: Early Childhood Development in Nigeria
 Country Nigeria
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Technical documents

Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Supervisor Manual

Title Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Supervisor Manual
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Date 2023-07
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Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Interviewer Manual

Title	Nigeria General Household Survey - Panel (GHS-Panel) Wave 5 (2023-2024) Post-Planting Visit, Interviewer Manual
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Other materials

Nigeria Living Standards Survey 2022-23 and General Household Survey - Panel 2023-24, Reference Photographs for Food Consumption and Agricultural Production

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