

Nigeria - General Household Survey, Panel 2018-2019

National Bureau of Statistics (NBS)

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Identification

SURVEY ID NUMBER

NGA_2018_GHSP-W4_v03_M

TITLE

General Household Survey, Panel 2018-2019

SUBTITLE

Wave 4

ABBREVIATION OR ACRONYM

GHS-Panel 2018/19

COUNTRY

Name	Country code
Nigeria	NGA

STUDY TYPE

Living Standards Measurement Study [hh/lsmis]

SERIES INFORMATION

The Nigeria General Household Survey panel component (GHS-Panel) is part of a larger, regional project in Sub-Saharan Africa to improve agricultural statistics. This panel study is the result of a partnership between NBS, the Federal Ministry of Agriculture and Rural Development (FMA&RD), the National Food Reserve Agency (NFRA), the Bill and Melinda Gates Foundation (BMGF) and the World Bank (WB). The GHS-Panel is a nationally representative survey of approximately 5,000 households.

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

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 2018/19 is the fourth round of the survey with prior rounds conducted in 2010/11, 2012/13, and 2015/16. GHS-Panel households were visited twice: first after the planting season (post-planting) between July and September 2018 and second after the harvest season (post-harvest) between January and February 2019.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

- Households
- Individuals
- Agricultural plots
- Communities

Version

VERSION DESCRIPTION

Version 03: Edited, anonymized dataset for public distribution

VERSION NOTES

Version 02 updates:

- Two data files (NGA_HouseholdGeovars_Y4.dta and NGA_PlotGeovars_Y4.dta) were added
- Variables in Section A3ii (Crop Disposition) went through additional cleaning and were updated

Version 03 updates:

- Consumption expenditure aggregate data (totcons_final.dta) was added
- Two datasets (secta_plantingw4.dta and secta_harvestw4.dta) were updated with weight variable

Scope

NOTES

The 2018-19 Nigeria General Household Survey-Panel (GHS -Panel, Wave 4) covered the following topics:

HOUSEHOLD

- Household identification including geographic area identification information
- Household roster
- Education
- Labor (all individuals 5 years and above)
- Time Use
- Saving and insurance
- ICT, mobile phone banking
- Credit
- Household assets
- Health
- Remittances
- Non-farm enterprises and income generating activities
- Meals away from home (past 7 days)
- Food expenditure (past 7 days)
- Non-food expenditure (past 7 days /30 days recall/ six months recall)
- Aggregate food consumption
- Food security
- Housing
- Other household income
- Safety nets
- Economic shocks

AGRICULTURE

- Household identification including geographic area identification information
- Plot roster
- Land inventory
- Household labor
- Hired and exchange labor
- Planted field and tree crops
- Input use on plot
- Input acquisition
- Seed acquisition
- Animal Holdings
- Animal costs
- Animal power and dung sales
- Milk production
- Egg production
- Extension service
- Crop harvest
- Tree and permanent crop harvest
- Crop disposition
- Post harvest labor
- Agricultural capital
- Fishing

COMMUNITY (Post Planting and Harvest)

- Community identification
- Respondent characteristics
- Food prices
- Labor
- Land prices and credit

- Community infrastructure and transportation
- Community organizations
- Community resource management
- Community changes
- Community key events
- Community needs, actions and achievements

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	Role
World Bank	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	GovNGA	Funded the study

Sampling

SAMPLING PROCEDURE

The original GHS-Panel sample of 5,000 households across 500 enumeration areas (EAs) and was designed to be representative at the national level as well as at the zonal level. The complete sampling information for the GHS-Panel is described in the Basic Information Document for GHS-Panel 2010/2011. However, after a nearly a decade of visiting the same households, a partial refresh of the GHS-Panel sample was implemented in Wave 4.

For the partial refresh of the sample, a new set of 360 EAs were randomly selected which consisted of 60 EAs per zone. The refresh EAs were selected from the same sampling frame as the original GHS-Panel sample in 2010 (the “master frame”). A listing of all households was conducted in the 360 EAs and 10 households were randomly selected in each EA, resulting in a total refresh sample of approximated 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 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 the 6 geopolitical Zones. The systematic selection ensured that the distribution of EAs across the 6 Zones (and urban and rural areas within) is proportional to the original GHS-Panel sample. Interviewers attempted to interview all households that originally resided in the 159 EAs and were successfully interviewed in the previous visit in 2016. This includes households that had moved away from their original location in 2010. In all, interviewers attempted to interview 1,507 households from the original panel sample.

The combined sample of refresh and long panel EAs consisted of 519 EAs. The total number of households that were

successfully interviewed in both visits was 4,976.

DEVIATIONS FROM THE SAMPLE DESIGN

While the combined sample generally maintains both national and Zonal representativeness of the original GHS-Panel sample, the security situation in the North East of Nigeria prevented full coverage of the Zone. Due to security concerns, rural areas of Borno state were fully excluded from the refresh sample and some inaccessible urban areas were also excluded. Security concerns also prevented interviewers from visiting some communities in other parts of the country where conflict events were occurring. Refresh EAs that could not be accessed were replaced with another randomly selected EA in the Zone so as not to compromise the sample size. As a result, the combined sample is representative of areas of Nigeria that were accessible during 2018/19. The sample will not reflect conditions in areas that were undergoing conflict during that period. This compromise was necessary to ensure the safety of interviewers.

WEIGHTING

Two sets of weights were constructed for two different types of analysis. The first set of weights are those for the combined wave 4 sample. They can be used for cross-sectional analysis for the full GHS-Panel wave 4 sample (refresh plus long panel sample). The second set of weights are designed for longitudinal/panel analysis using the long panel sample only. These longitudinal weights can be used for analysis that seeks to track dynamics within long panel households across the 4 waves of the GHS-Panel. When calculating both weights, only households successfully interviewed in both visits of Wave 4 were considered.

The cross-sectional weights were constructed in three stages:

1. Base weights were calculated according to the inverse probability of selection for each household in the sample. In its simplest form, this weight reflects the two-stage design and thus is the product of the probability that the EA was selected from the frame and the probability that the household was selected within the EA.
2. The base weights were then adjusted for non-response within the EA (the ratio of households successfully interviewed and households selected).
3. The weights were calibrated to reflect the distribution of the underlying population. The 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) according to population predictions from the 2006 Census and (2) reflect the total number of persons as estimated in the (weighted) Wave 3 sample of the GHS-Panel. The calibration in (1) was performed to maintain consistency with the calibration methodology adopted in previous rounds of the GHS-panel.
4. Lastly, outlier weights were trimmed with a lower bound of 400 and an upper of 50,000.

As of December 4, 2019, the longitudinal weights were still being prepared. Further documentation on their construction will be added here once they are released.

The cross-section weights can be found in the cover page data files for both the post-planting (secta_plantingw4.dta) and post-harvest (secta_harvestw4.dta). The variable name in both data files is wt_wave 4.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2018-07	2018-09	Post-Planting
2019-01	2019-02	Post-Harvest

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTORS

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

Questionnaires

QUESTIONNAIRES

The GHS-Panel Wave 4 consists 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 provides information on demographics; education; health (including anthropometric measurement for children); labor; food and non-food expenditure; household nonfarm income-generating activities; food security and shocks; safety nets; housing conditions; assets; information and communication technology; and other sources of household income. Household location is geo-referenced in order to be able to later link the GHS-Panel data to other available geographic data sets.

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

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

The Household Questionnaire is 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 collects different information during each visit, but for the same plots and crops.

Data Processing

DATA EDITING

CAPI: For the first time in GHS-Panel, the Wave four 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 4 using the CAPI software, Survey Solutions. The Survey Solutions software was developed and maintained by the Survey Unit within the Development Economics Data Group (DECDG) at the World Bank. Each enumerator was given tablets 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 4 was highly automated. Each field team was given a mobile modem allow for internet connectivity and daily synchronization of their tablet. This ensured that head office in Abuja has access to the data in real-time. Once the interview is completed and uploaded to the server, the data is first reviewed by the Data Editors. The data is 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 is generated following the running of the Stata dofile on the raw dataset. Information contained in the excel error files are communicated back to respective field interviewers for action by the interviewers. This action is 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

Name	Affiliation	Email
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

Nigeria National Bureau of Statistics. General Household Survey, Panel (GHS-Panel) 2018-2019. Dataset downloaded from www.microdata.worldbank.org on [date].

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_NGA_2018_GHSP-W4_v03_M

PRODUCERS

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

DATE OF METADATA PRODUCTION

2021-02-16

DDI DOCUMENT VERSION

Version 03 (October 2021). The following datasets and document were updated:

- Consumption expenditure aggregate data (added)
- Two datasets (secta_plantingw4.dta and secta_harvestw4.dta) were updated with weight variable
- Basic Information Document / BID (updated)

Data Dictionary

Data file	Cases	Variables
sect1_plantingw4 Data collected through Post Planting Household Questionnaire, Section 1 (Roster)	30346	53
sect3_plantingw4 Data collected through Post Planting Household Questionnaire, Section 3 (Labor)	27607	131
sect3b_plantingw4 Data collected through Post Planting Household Questionnaire, Section 3B (Time Use)	27597	32
sect3q38_plantingw4 Data collected through Post Planting Household Questionnaire, Section 3 (Labor) and question 38	5049	13
sect4a1_plantingw4 Data collected through Post Planting Household Questionnaire, Section 4A (Saving and Insurance)	27607	47
sect4a2_plantingw4 Data collected through Post Planting Household Questionnaire, Section 4A (Saving and Insurance) and question 17 (type of insurance household had the past 12 months)	5051	29
sect4b_plantingw4 Data collected through Post Planting Household Questionnaire, Section 4B (ICT - Mobile Phone Banking)	27607	20
sect4c1_plantingw4 Data collected through Post Planting Household Questionnaire, Section 4C (Credit) and question 1	5052	7
sect4c2_plantingw4 Data collected through Post Planting Household Questionnaire, Section 4C (Credit) and questions 2, 4, 7, 8, 19, 11, 18 to 27	844	36
sect4c3_plantingw4 Data collected through Post Planting Household Questionnaire, Section 4C (Credit) and questions 16 and 17	4281	13
sect5_plantingw4 Data collected through Post Planting Household Questionnaire, Section 5 (Household Assets)	181800	23
sect7a_plantingw4 Data collected through Post Planting Household Questionnaire, Section 7A (Meals Away from Home)	45441	9
sect7b_plantingw4 Data collected through Post Planting Household Questionnaire, Section 7B (Food Expenditure)	555060	26
sect8a_plantingw4 Data collected through Post Planting Household Questionnaire, Section 8 (Non-Food Expenditures - past 7 days)	25235	9
sect8b_plantingw4 Data collected through Post Planting Household Questionnaire, Section 8 (Non-Food Expenditures - past 30 days)	151410	9
sect8c_plantingw4 Data collected through Post Planting Household Questionnaire, Section 8 (Non-Food Expenditures - past 6 months)	206927	9
sect9_plantingw4 Data collected through Post Planting Household Questionnaire, Section 9 (Food Security)	5047	49
sect11_plantingw4 Data collected through Post Planting Household Questionnaire, Section 11 (Housing)	5047	106
aux_plantingw4 Post Planting - interview time details	5064	71
sect11a_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11A (Plot Roster)	5070	10

sect11b1_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11B1 (Land Inventory)	11076	227
sect11b1q10_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11B1 (Land Inventory), question 10	1067	15
sect11c1a_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11C1 (Household Labor)	45635	17
sect11c1b_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11C1 (Hired and Exchange Labor)	6063	64
sect11e1_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11E (Seed Acquisition)	10223	40
sect11e2_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11E (Seed Acquisition), questions 12 and 19	3462	8
sect11f_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11F (Planted Crops)	15363	47
sect11i_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11I (Animal Holdings)	50673	69
sect11j_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11J (Animal Costs)	3877	60
sect11k1_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11K1 (Animal Power and Dung)	3877	11
sect11k2_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11K2 (Milk Production)	2514	28
sect11k3_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11K3 (Egg Production)	1575	20
sect11l1_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11L1 (Extension Services)	45420	10
sect11l2_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11L2 (Extension Source)	52990	22
sectc_plantingw4 Data collected through Post Planting Community Questionnaire, Community Identification and Date of Interview	514	9
sectc1_plantingw4 Data collected through Post Planting Community Questionnaire, Section C1 (Respondent Characteristics)	3174	14
sectc2_plantingw4 Data collected through Post Planting Community Questionnaire, Section C2 (Food Prices)	57054	14
sectc3a_plantingw4 Data collected through Post Planting Community Questionnaire, Section C3 (Labor), questions 1 and 2	514	9
sectc3b_plantingw4 Data collected through Post Planting Community Questionnaire, Section C3 (Labor), questions 3 and 12	4290	18
sectc4a_plantingw4 Data collected through Post Planting Community Questionnaire, Section C4 (Land Prices and Credit), questions 1 to 3	3598	10

sectc4b_plantingw4 Data collected through Post Planting Community Questionnaire, Section C4 (Land Prices and Credit), question 4	514	10
sectc4c_plantingw4 Data collected through Post Planting Community Questionnaire, Section C4 (Land Prices and Credit), questions 5 to 16	2056	16
sect2_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 2 (Education)	26557	60
sect3a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 3 (Labor), questions 1 to 24	26557	120
sect3b_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 3 (Labor), questions 50 to 51	4980	14
sect4a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 4 (Health)	26556	69
sect6_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 6 (Remittances)	19017	65
sect9a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 9 (Non-farm Enterprises), questions 1 to 8.	4979	16
sect9b_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 9 (Non-farm Enterprises)	3919	91
sect9c_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 9 (Non-farm Enterprises), question 13	4777	27
sect9d_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 9 (Non-farm Enterprises), questions 29 to 30	4979	19
sect10a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 10A (Meals Away from Home)	44811	9
sect10b_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 10B (Food Expenditures)	547360	26
sect10c_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 10B (Aggregate Food Consumption)	54769	8
sect11a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 11 (Non-Food Expenditures - past 7 days)	24895	9
sect11b_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 11 (Non-Food Expenditures - past 30 days)	149370	9
sect11c_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 11 (Non-Food Expenditures - 6 months)	204139	9
sect11d_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 11 (Non-Food Expenditures - 12 months)	84643	9
sect12_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 12 (Food Security)	4979	40

sect13_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 13 (Other Household Income)	19916	14
sect14a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 14 (Safety Nets), question 1a	4979	12
sect14b_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 14 (Safety Nets), questions 1 to 6	7050	49
sect15a_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 15A (Economic Shocks)	109538	19
aux_harvestw4 Post Harvest - interview time details	4979	83
sectaa_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Household Identification	4979	16
secta2a_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A2a (Household Labor)	16423	16
secta2b_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A2b (Hired and Exchange Labor)	5015	64
secta3i_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A3i (Field Crop Harvest)	14197	38
secta3iii_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A3iii (Tree and Permanent Crop Harvest)	1062	24
secta4_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A4 (Agricultural Capital)	59092	18
secta5b_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A5b (Extension Services)	48664	27
secta9a_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A9a (Fishing)	308	18
secta11c2_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section 11C2 (Input Use on Plot)	8293	41
secta11c3_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section 11C3 (Input Acquisition)	5816	23
secta11c3q12_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section 11C3 (Input Acquisition), question 12	4979	7
sectaphl1_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section PHL1 (Post-Harvest Labor - Household)	12492	14
sectaphl2_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section PHL2 (Post Harvest Labor - Hired and Exchange)	8765	58
sectc_harvestw4 Data collected through Post Harvest Community Questionnaire, Community Identification and Date of Interview	517	7
sectc1_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C1 (Respondent Characteristics)	3085	14

sectc2_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C2 (Community Infrastructure and Transportation)	11891	16
sectc3_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C3 (Community Organizations)	7755	15
sectc4_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C4 (Community Resource Management)	3619	19
sectc5_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C5 (Community Changes)	15510	8
sectc6_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C6 (Community Key Events)	9306	15
sectc7_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C7 (Community Needs, Actions, and Achievements)	7755	23
sectc8_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C8 (Food Prices)	57387	12
sectc9a_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C9 (Labor), questions 1, 2b and 4	1034	10
sectc9b_harvestw4 Data collected through Post Harvest Community Questionnaire, Section C9 (Labor), questions 5 to 10	4400	15
sect11a1_plantingw4 Data collected through Post Planting Agriculture Questionnaire, Section 11A (Plot Roster)	11076	19
sect1_harvestw4 Data collected through Post-Harvest Household Questionnaire, Section 1 (Household Roster)	30337	59
secta1_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A1 (Plot Roster)	10961	35
nga_householdgeovars_y4 Household geovariables.	5116	37
nga_plotgeovariables_y4	7354	6
secta3ii_harvestw4 Data collected through Post Harvest Agriculture Questionnaire, Section A3ii (Crop Disposition)	8839	62
secta_plantingw4 Data collected through Post Planting Household Questionnaire, Household Identification Information	5263	22
secta_harvestw4 Data collected through Post-Harvest Household Questionnaire, Household Identification	5025	22
totcons_final Aggregated consumption expenditure data	4976	64

Download related resources

Questionnaires

General Household Survey-Panel, Wave4 2018/19, Post-Planting Visit, Household Questionnaire

Title General Household Survey-Panel, Wave4 2018/19, Post-Planting Visit, Household Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename PP_W4_Household_Quest.pdf

General Household Survey-Panel, Wave4 2018/19, Post-Planting Visit, Agriculture Questionnaire

Title General Household Survey-Panel, Wave4 2018/19, Post-Planting Visit, Agriculture Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename PP_W4_Agriculture_Quest.pdf

General Household Survey-Panel, Wave4 2018/19, Post-Planting Visit, Community Questionnaire

Title General Household Survey-Panel, Wave4 2018/19, Post-Planting Visit, Community Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename PP_W4_Community_Quest.pdf

General Household Survey-Panel, Wave4 2018/19, Post-Harvest Visit, Household Questionnaire

Title General Household Survey-Panel, Wave4 2018/19, Post-Harvest Visit, Household Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria
 Language English
 Filename PH_W4_Household_Quest.pdf

General Household Survey-Panel, Wave4 2018/19, Post-Harvest Visit, Agriculture Questionnaire

Title General Household Survey-Panel, Wave4 2018/19, Post-Harvest Visit, Agriculture Questionnaire
 Author(s) National Bureau of Statistics (NBS) The World Bank
 Country Nigeria

Language English
Filename PH_W4_Agriculture_Quest.pdf

General Household Survey-Panel, Wave4 2018/19, Post-Harvest Visit, Community Questionnaire

Title General Household Survey-Panel, Wave4 2018/19, Post-Harvest Visit, Community Questionnaire
Author(s) National Bureau of Statistics (NBS) The World Bank
Country Nigeria
Language English
Filename PH_W4_Community_Quest.pdf

Reports

Nigeria General Household Survey-Panel, Wave 4 2018/2019

Title Nigeria General Household Survey-Panel, Wave 4 2018/2019
Author(s) Nigerian National Bureau of Statistics The World Bank
Country Nigeria
Language English

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General Household Survey - Panel, Post Planting Visit (4th Wave, July 2018), Supervisor Instruction Manual

Title	General Household Survey - Panel, Post Planting Visit (4th Wave, July 2018), Supervisor Instruction Manual
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Other materials

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