



FEDERAL REPUBLIC OF NIGERIA
NATIONAL BUREAU OF STATISTICS
ABUJA, NIGERIA

**COVID-19 NATIONAL LONGITUDINAL PHONE SURVEY
PHASE 2**

ROUND 8

INTERVIEWER MANUAL

MARCH 2023

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Introduction

Despite the closure of borders around the world and aggressive containment measures, COVID-19 continues to spread globally, and the death toll continues to rise. To contain the spread of the virus, from March 2020 to June 2020 the Nigerian government enacted a range of health and safety measures: closed borders, movement restrictions, and stringent limits on assembly resulting in the closure of schools, stores, markets, and other institutions essential to the social fabric of life in the country. As the country fights with this unprecedented health crisis, Nigeria was simultaneously hit by another economic crisis driven by the sharp decrease in oil prices. In 2020 and 2021, Nigeria saw its highest surge in inflation of food prices in almost two decades.

Since government-imposed social distancing practices are increasingly becoming common to fight the spread of COVID-19, these measures severely limit the use of traditional, face-to-face interviews in population-based surveys to address the data needs regarding responses to and socio-economic impacts of COVID-19. In response, the World Bank launched a global initiative to implement high-frequency phone surveys to track the responses to and socioeconomic impacts of COVID-19. The Bank-wide initiative was precipitated by the World Bank Group COVID-19 emergency financing to client countries and is anchored in the demand/requests from the country management units, including that of Nigeria.

From April 2020 to April 2021, the NBS successfully implemented the Phase 1 of the Nigeria COVID-19 National Longitudinal Phone Survey (NLPS). In Phase 1, the National Bureau of Statistics conducted 12 rounds of monthly phone interviews with over 1,700 households that were selected from the General Household Survey-Panel (GHS-Panel) 2018/19.

Objective

The objective of the NLPS Phase 2 is to continue monitoring the socio-economic effects of this evolving COVID-19 pandemic in real-time. These data will contribute to filling critical gaps in information that could be used by the Nigerian government and stakeholders to help design policies to mitigate the negative impacts on its population. The proposed NLPS in Nigeria will be designed to accommodate the evolving nature of the crises, including revision of the questionnaire on a bi-monthly basis.

Every two months, households will be asked a set of core questions on the key channels through which individuals and households are expected to be affected by the COVID-19. Food security, employment, access to key services, coping strategies, and non-labour sources of income are channels likely to be impacted. The core questionnaire will be complemented by questions on select topics that will rotate each month. This will provide data to the government and development partners in near real-time, supporting an evidence-based response to the crisis.

Sample Design

The GHS-Panel 2018/19 will serve as the frame for the current survey. The GHS-Panel collected phone numbers of interviewed households, making it a good frame for the current survey. Furthermore, we expect relatively high response rates from GHS-Panel households since NBS has built a strong relationship with them through multiple face-to-face interviews with the same households (between 2 and 8 interviews). In addition, using the GHS-Panel sample as the frame will allow for analysis of the long-term economic impact of the dual crises since these same households will be visited again for a fifth round of the GHS-Panel in 2023/2024.

For the Phase 2 round 8 survey, all the households that were successfully interviewed in baseline of the phase 2, excluding households that refused in previous rounds of the survey, shall be contacted and interviewed (about 2784 households). The questionnaire is designed such that the interview duration does not exceed 25 minutes.

Training

Personnel will be selected from the pool of NBS interviewers that have experience with the Survey Solutions platform and have previously conducted phone surveys. A total of 30 interviewers, 4 supervisors and 1 lead supervisor will be trained virtually (over Skype) to participate in the survey. The training shall last 2 days and shall focus on providing participants with detailed understanding of the survey and CAPI, elucidation of important concepts and questions in the questionnaire, mock interview and evaluation. A pilot will also be conducted with households retired from the GHS-Panel sample. Brief follow-up virtual trainings will be carried out on a bi-monthly basis before the start of each data collection round.

Conducting an Interview

Successful interviewing is an art and not a mechanical process and each interview is a new source of information to be made interesting and exciting. Although the art of interviewing develops with practice, there are basic principles – e.g. how to build rapport, conducting interviews etc. – which are followed. It is essential for interviewers to develop the correct attitude in carrying out interviews. Some of the essential and necessary attributes of a good interviewer are: *politeness, patience and perseverance*.

Language of Interview

The original baseline questionnaire for the Nigeria NLPS is in English and translations are available for Hausa, Igbo and Yoruba. Interviewers shall be assigned to states or regions where they speak, read, and understand the local language/dialect. It is very important not to change the meaning of the questions when you rephrase or interpret them. You should make sure that the way the question is read preserves the sense of the English question, rather than a word by word translation. If you have questions about how to phrase a question, you should ask your supervisor and refer to your notes from the training, where the phrasing of questions in local language will be discussed in detail. After reading the question, time should be allowed for the respondent to answer. If it appears the respondent did not hear the question, it should be read again, and time allowed for a response.

Respondent

The Nigeria NLPS will have ONE RESPONDENT per household. The respondent should be a selected member, a head or a knowledgeable adult member of the household. **The respondent must be a member of the household.** Unlike many other household surveys, you will not be expected to seek out other household members to interview them on their own data. The respondent may still consult with other household members as needed to respond to the questions you ask, including to provide all the necessary information on each household member (Section 2). Further instructions on identifying the appropriate respondent are provided in the following sections.

The Questionnaire

How to Read the Questions

Each question should be read clearly and exactly as presented in the questionnaire. It is also critical that the interviewer help the respondent understand the question being asked *without influencing (biasing) the respondent's answers*.

UPPER and Lower-Case Texts (CAPITAL Letters and Small Letters)

Text written in **UPPER CASE (capital) letters are instructions to the interviewer** and should not be read to the respondent. Other texts that you will see written with upper case letters are response options and codes. These also **SHOULD NOT** be read to the respondent. **Text written in lower case (small) letters SHOULD be read directly to the respondent including the response options that are written with lower case letters.**

Reference Periods

PAST 7 DAYS means the 7 days prior to the day of the interview. For example, if the interview takes place on Friday, the past 7 days are the time between the start of Friday of the prior week until the end of Thursday, the day before the interview.

PAST 12 MONTHS means the period from the same day and month one year ago until the day before the interview. For example, if the interview takes place on 20th August 2023, consider the period between the morning of 20th August 2022 until the evening of 19th August 2023, the day before the interview.

Box 1: Reference Periods

WEEK	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1					**** PAST 7 DAYS ****		
2	*****	*** PAST 7 DAYS ***	*****		INTERVIEW DAY		

Section A: Dashboard

Description: The dashboard displays all the assignments sent to you. Each assignment has its own assignment card that displays information that is important for you to organize your work. The dashboard has various tabs:

Create New: all the assignments for which you have not started an interview yet

Started: all the interviews you have already started, but not yet completed. In this survey these will be largely households you need to call back. You might have to keep notes on an extra sheet of paper or workbook to organize yourself, so you remember who you have to call back at what time.

Completed: Interviews that have been completed but not yet synchronized.

Rejected: Interviews that have been completed and submitted to the supervisor, but have been rejected for any given reason.

Instructions: You do not have to fill in anything. CROSS-CHECK that you have selected the correct assignment then tap on START NEW INTERVIEW. If you have not selected the correct household, tap on the 3 dots at the top right of the screen and go back to the dashboard.

hhid The unique household identifier. The supervisor/HQ may use this number to communicate with you about any given household.

State The state where the household is located (e.g. Kano, Ogun, Imo, Edo)

Name of head The name of the household head recorded during the previous interview.

Language The language in which the previous interview was conducted. You should only receive assignments for languages that you speak. If you received an assignment in a language you don't understand, first try to call the number and see if you can communicate with the household in English. If you can conduct interview in English, then follow the interview and submit it. If interview cannot be conducted in English, it will be reassigned to somebody else.

Section B: Interviewer Instructions and Interview Protocol

This section provides information about the approach/procedure the interviewer should follow to conduct the phone interview. Following the procedures indicated here will allow for maximum response rate and also create the rapport for future rounds of the survey with the same household.

1. **Charging the Tablet:** Ensure that the Tablet is fully charged at all times so there is no break in the interview. Given erratic power supply across the country, it is recommended that the interviewer connects the Tablet to available power source during the interview. Allowance shall be given to the interviewer to allow him/her charge the Tablet.
2. **Date and Time on the Tablet:** Also ensure that the date and time on the tablet is current.

3. **Internet or WiFi Access:** You need Internet/WiFi connection to access the server to receive assignments and send completed interviews. Thus, interviewers should ensure that they have WiFi connection and that the Tablet is connected to the WiFi. Each interviewer shall be given an allowance for internet data and a mobile router. *The interviewer must ensure that they purchase and use the SIM card that provides the best internet/WiFi connection in their area.*
4. **Log unto the server:** Each interviewer has been given unique login and password to access the server. The name of the server is <https://ngnlps.mysurvey.solutions>. Your username and password shall be provided to you by your supervisor. It is important that you keep your username and password as secure as possible.
5. **Synchronization:** The interviewer must synchronize the Interviewer Application at **least twice a day – in the morning before the start of work (interview) and in the evening after work.** Where possible, *interviewers should synchronize after completing each interview of a household.* Details on how to synchronize the SuSo Interviewer Application are provided under *Synchronization* in Section SS.
6. **Receiving Assignments and Sending Completed Interviews:** Once synchronization has been completed successfully, the interviewer will receive assignments for the households to be interviewed and possibly rejected interviews (if the interviewer has previously sent completed interviews to the server and those interviews have errors) on his/her dashboard. Completed interviews that have been marked as completed on the Interviewer's tablet shall be sent to the server.
7. **Commence an Interview:** To start an interview, open the assignment corresponding to the household you want to interview. Once opened, review the assignment carefully to ensure that you are using the correct assignment for the household.
8. **Dial Phone Numbers:** Dial any of the displayed phone number(s) (possibly multiple times) until someone picks up. Once someone picks up, follow the procedure documented in the Interview Information section.
9. **Conduct the Interview:** Interview the respondents on all applicable sections of the questionnaire. All applicable questions and sections must be asked before completing the interview.
10. **Complete the Interview:** Once you have finished the interview with the respondent, please review to ensure all applicable questions/sections have been answered. Then mark the interview as **Complete**, following the guidance in section SC below.
11. **Synchronize Again:** Once the interview is marked as *Complete*, synchronize the Interviewer Application.

Section C: Survey Phone Process & Etiquette

Description: This section explains how interviewers should conduct themselves during a survey phone interview. The purpose is to ensure interviewers maintain the highest form of cordiality and discipline when carrying out phone interviews, to get successfully completed surveys.

BEFORE THE CALL

There are several things you need to have ready before you even start dialling a number to start an interview. You must make sure you are in an environment that is conducive for your calls, so there should be no disturbance around you. You should also make sure the equipment you will be using for the interview process- your phone and tablets – **are in working order and ensure that you have adequate airtime and data.** Phone interviews require you to be very attentive, otherwise you might miss something, so it is important that you have everything prepared before you begin. Specifically:

- **Make sure you can get as much privacy as possible.**
- **Inform members of your household of what you are about to do, so you are not disturbed. If possible, get a private room. Write boldly on a piece of paper: DO NOT DISTURB, and place it on the door. It is important to minimize distractions, so your respondent does not become bored or frustrated and hang up.**
- **Make sure you have your tablet ready, fully-charged and open to the first household you will interview**
- **Check the volume on your phone. Do a test with a friend to make sure you can be heard and you can hear clearly. You don't want to miss anything the respondent says because your volume is too low.**
- **Have a clock in front of you, and time yourself; so you can pace your questions**

INITIATING THE CALL

Once you start dialling a number, you **MUST BE PREPARED** to speak. This is why you should have had everything in place before you start dialling. You don't want to keep the answerer waiting on the phone once they pick up, your full attention should be on the call at all times.

- **DO NOT** be distracted by your environment
- **DO NOT** keep the answerer waiting

IDENTIFYING INTERVIEW RESPONDENT

You are provided with different numbers to call for each household. In your tablet you will find number(s) for household members and possibly a number for a reference person, who is a non-household member. You must remember that you need to speak to a member of the household whose name appears on your tablet, which should preferably be the head of the household or at least an adult member (15 years or older) of the household. The person who answers the call, might not be either one of these persons so you will need to convince them to connect you with that person, especially if they are of a different household.

Remember to be ready to respond once the answerer picks up. Begin with:

“Good morning/afternoon/evening Sir/Madam. My name is (First name and Last name). I work for the National Bureau of Statistics (NBS). NBS is carrying out a phone survey in Nigeria. The

purpose of the study is to examine the impact of and responses to national and global crisis in the country.”

[pause and continue]

“I am trying to reach (Household head FULL Name) or any other adult living with (Household head FULL Name). Who am I speaking to please?”

When the answerer tells you his or her name, you will know if it is your target respondent you are speaking to. If it is not the target respondent, then you ask very politely if the target respondent is available to take the call. Follow the directions and protocols you have been trained on to complete the ‘Interview Information’.

If the answerer is not a member of the household, then you will need to convince the person (likely the reference person) to either provide a number you can call to directly speak to a member of the household or be willing to take their phone to the household, so you can speak to your target respondent or another adult member of the target household.

“Could you give me their number or visit them so I can call them using your phone? It is really important for me to be able to speak to them”

You may need to coax the reference person to take the phone to the household if they do not have a number to give you. Using words like “I would be grateful”, “If you would be so kind”, “It would greatly help if you could...”. There is no need to beg, just ask with some humility that will encourage the reference person to go out of their way to do what you need them to do. If the reference person (answerer) is unwilling to provide a number or leave their home, after you have attempted to convince them to, then DO NOT push further. Simply thank them for their time and follow the protocols you have been trained on.

When you have your target respondent on the phone, follow through with the rest of the ‘Interview Information’ questions as directed in your training and in this manual.

Please review the etiquettes below to provide some guidance when you are on the phone with anyone:

- **Speak clearly and confidently. Take brief pauses if reading a long sentence**
- **Keep your voice tone at an appropriate level and maintain that level**
- **Take your time to read out each question slowly.**
- **DO NOT interrupt the respondent**
- **DO NOT engage the respondent in political discussions or discussions that are not related to the survey**
- **Be sure to address whoever picks up the phone with respect, even a child.**
- **Never refer to the person on the other end of the line by simply saying their first or last name, always include a title e.g. Mr. Gbenga, Ms. Hauwa, Mrs. Sumbo. Alternatively, you can say “sir” or “ma” or “madam”**
- **DO NOT chew gum or eat food while on the phone**
- **Maintain a high degree of professionalism at all times; remember you are representing the National Bureau of Statistics**
- **When you have completed the interview, DO NOT hang up on the respondent; let the respondent hang up first.**
- **Stress on the importance of the survey to avoid and minimize the number of refusals**

SECTION 1: Interview Information

In this round, different households will be exposed to different modules. All households will answer the sections of Household Roster, Access to Health Services, Employment and Expectations on Climate Extremes and Past Experience. Additionally, 50% of the sampled households will answer the section of Subjective Welfare, while the other 50% of the sampled household will answer the sections on Prices (Petrol, Food and Transportation).

Description: This is where you will record data about the interview itself (metadata) that will be used to keep track of fieldwork progress, including the number of call attempts made to each household.

Instructions: The phone numbers of the household head, three other household members, and a reference person will be displayed on the screen. The interviewer should call any of the numbers multiple times until someone picks up. Specifically, the interviewer must first call the phone number(s) of the HEAD of household, followed by the other household members, and then the reference person.

S1Q0 This is a question to list every call attempt. For each call attempt you should list the next number. For the first one you write 1, for the second one 2, etc. Do not replace already existing attempts with a new number, but always list a new one. It does not really matter if numbers are sequential. It is only for you to recognize individual calls. For EACH attempt, you have to list a new number, even if you are calling the same number multiple times. For each attempt listed here, a subsection ATTEMPTS will open up.

ATTEMPTS

S1Q1 Select the phone number that you are attempting to call. A text will open up below telling you which person this number belongs to, if they are a member of the household or the reference person, and what their relationship with the head is. You will also see information on the household, including the household head name, up to 4 household members followed by a number indicating how many more members there are (if any), the state, LGA and town name. TRY NUMBERS FROM TOP TO BOTTOM, i.e. for the first attempt, the first number should be called. You might need to call the same number again in a second or third attempt or move on to the next numbers.

S1Q2 Record the time just before dialing

S1Q3 Indicate YES if someone is picking up the phone number you just called. Indicate NO, NOBODY ANSWERING if it is ringing, but nobody is answering. Let it ring for the maximum time before selecting this option. Select NO, NUMBER DOES NOT EXIST if it is not ringing. Double CHECK you have called the correct number before selecting this option. Only valid numbers have been included, this option should be rare. Select NO, PHONE IS SWITCHED OFF if you call the number and hear a message that the number is currently switched off.

S1Q4 Read the text as it appears on your screen.

Hello, my name is _____ and I work for National Bureau of Statistics (NBS). NBS is carrying out a phone survey in Nigeria. The purpose of this study is to examine the impact of and responses to national and global crises in the country.

**I am trying to reach [NAME OF PHONE OWNER] or any other adult living with [HEAD NAME]?
Who am I speaking to please?**

S1Q5 Record YES if you are able to SPEAK WITH PREVIOUS RESPONDENT OF THE HOUSEHOLD, NO if the person who answers is not the previous respondent (usually another household member or the reference person), and CANNOT UNDERSTAND THEIR LANGUAGE if you cannot communicate well enough with the respondent to conduct the interview.

S1Q5A Indicate who you are speaking to – A HOUSEHOLD MEMBER other than the previous respondent, or a REFERENCE PERSON.

S1Q5B If the person that picked up the phone is a household member other than the previous respondent, ask them to kindly give the phone to the previous respondent so you can talk to them. Select the applicable outcome from the list of options. Do not forget to add any new number they give you to the NUMBERS roster.

- If the answerer says they are the previous respondent or gives the phone to the previous respondent, select YES (option 1) and continue to S1Q7
- If the answerer says, NO, but they can give you an alternative number to reach the previous respondent, select option 2. Record the new number in the roster.
- If the answerer says, NO, thank them for their time and hang up. Select option 3. Attempt to reach the previous respondent through another number
- If the answerer says YES, but you should call back at a different time, select option 4 and continue to S1Q11A
- If the answerer says the previous respondent will not be available to be interviewed this round, select option 5 and continue to S1Q5C.

S1Q5C If the previous respondent is not available, ask and record an explanation for why they are not able to be interviewed.

S1Q5D Ask the person you are speaking to if there is another adult member of the household that can be interviewed.

S1Q6 Is only asked if you do not speak to a household member. Try to reach the household through them, either by them giving you a number of a household member that you can call, or by them being physically in the same place at a moment when you can call back and conduct the interview with the HOUSEHOLD (never the reference person) member. If you select NO, DON'T KNOW THE HOUSEHOLD or NOT, CAN'T/WON'T CONNECT TO THE HOUSEHOLD, then the household will not be interviewed, the supervisor may check the case. Select YES, PHONE NUMBER -> RECORD IN NUMBERS if they can give you a number to call. Note down the number in the subsection NUMBERS, together with the details. You can click on the link below the question to jump to the section.

S1Q7 Interviewer continue introducing yourself and the survey by reading the displayed text. Make sure you read and/or interpret the text such that you don't lose its original meaning.

We would like to invite you to participate in this survey. The survey questions are related to health services, employment, prices, subjective welfare and climate events.

The interview should last about 25 minutes. We ask you to be as honest and open as possible. The survey will not be used to determine if your household is eligible to receive any assistance from the government. Any personal information you share with us will be kept strictly confidential until the study is completed according to applicable national laws and will be only shared with the World Bank for research and statistical purposes. Your personal information will also be used to contact you for future rounds of the survey. At that point, you will be asked for your consent to be interviewed again.

If at any point there are any questions you do not feel comfortable answering, you can choose not to answer them. You can also choose to stop the interview at any point. This call will not cost you any airtime. To thank you for your participation, we will also transfer airtime to your phone.

If you have any questions about this survey or about your personal information, you can contact us at XXXX (Mr. XXXX).

Do you agree to participate?

- S1Q8** Select YES if they have agreed to be interviewed, and NO, REFUSED if otherwise. If the household refuses, try to CONVINCED them but DO NOT FORCE them to participate. It is very important that we interview the selected households. Record NO, NOT NOW, if the household is not willing to be interviewed now, but if you can call back later.
- S1Q9** Select the name of the person or respondent that gave consent to be interviewed. Ensure that the respondent/person should be either the head of household or an ELIGIBLE adult member of the household. If the person is a new member to the household, then you must first take steps to add the person to the household roster before continuing with the interview.
- S1Q10** If the respondent was busy to commence the interview with you, request if he/she is willing to reschedule to a later date/time. Select YES if the respondent was willing to reschedule the interview to a later date/time, and NO if otherwise.
- S1Q11a&b** Indicate the date and time that the respondent agrees to be interviewed or when the reference person will be with the household so you can call. Use the calendar displayed to enter the date for the rescheduled interview. You will have to keep note of this outside Survey Solutions on a sheet of paper to organize yourself.

PHONE NUMBER ROSTER

- S1Q12A** The question lists all the numbers available for a household. The numbers with a lock have been preloaded and cannot be edited. Add new numbers to the list if you are given new numbers for the household.
- S1Q12** Write down the name of the person that the listed phone number belongs to. You can edit the name for existing numbers if you find out that it is not correct.
- S1Q13** Is the person that the phone number belongs to a household member or not. Select YES if yes, NO if it is a or a non-household member including a reference person. You can edit this question for existing numbers if you find out that it is not correct.
- S1Q14** Write the relationship of the non-household member or the reference person to the HOUSEHOLD HEAD
- S1Q15** Select the relationship of the household member to the HOUSEHOLD HEAD

SECTION 2: Household Roster Update

Description: This section serves to make a full list of all current household members, by accounting for all household members reported during the previous visit and adding any new household members.

Definition of Household: In this survey, a HOUSEHOLD is defined as a person or group of persons who USUALLY SLEEP in the same dwelling and take their meals together and recognize the same person(s) as their head. Usually, they either were part of the household for at least 6 of the 12 months preceding the interview or are current members.

It is important that the interviewer helps the respondent to know who is considered a household member and who is not. FAMILY AND HOUSEHOLD ARE NOT NECESSARILY THE SAME. The household may include NON-RELATIVES such as live-in workers. If you change respondents during the interview, BE SURE TO EXPLAIN whom you are talking about when you say household.

INCLUDE IN HOUSEHOLD:

- Persons identified as household head even if they did not spend 6 of the past 12 months in the household
- New-born children, persons that have just married and joined the household, or anyone who recently moved into the household, e.g. adopted children, new live-in worker
- Students and seasonal workers who spent less than 6 of the past 12 months in the household if they did NOT live as part of another household

EXCLUDE FROM HOUSEHOLD:

- Guests, even if relatives, who are staying for less than 6 months or who normally live in another household and are expected to return to a different household
- Family members that maybe stay in the same dwelling or compound, but do not normally eat with the household

Instructions: *The section will be pre-filled with household members identified and recorded in the last phone interview.* You will create a COMPLETE LIST OF ALL CURRENT household members by accounting for all the PRE-FILLED members and adding any people that have joined the household since the last visit. You will do this in 3 steps:

1. For all PRE-FILLED members, confirm whether they are currently household members.
2. List CURRENT household members that are not on the pre-filled list.
3. ONCE you have listed ALL new members, fill in their details in S2Q5 – S2Q8
4. If the pre-filled head of household is no longer a member of the household, identify the new head and update the relationship to the new head for all members in S2Q9.

START TIME Tap the start time to record interview starting time of this section

S2Q0A Ask the respondent if any member of their household since the last time they were interviewed (mention the date) **has left the household**. Select YES, if a household member has left and continue to S2Q3.

- S2Q0B** This question opens up if NO is selected in S2Q0A. Ask the respondent if any new member **has joined their household** since the last time they were interviewed (mention the date). Select YES, if a new member has joined and proceed to add the details of the new member to the household roster.
- S2Q1** The question will be prefilled with all the names of household members that were identified and recorded during the last interview. Add the NAMES of ALL current household members that are not already on the list. Before recording new members, DOUBLE CHECK that they are not already on the list but are spelled differently. You can delete names of NEWLY ADDED members (e.g. if you accidentally recorded a person who does not meet the member conditions), but you CANNOT DELETE PRE-FILLED MEMBERS. When you complete this question, you MUST have ALL CURRENT household members listed. ANY PRE-FILLED MEMBERS in the list that are no longer household members will also be listed - they will be filtered out in the following questions.
- You must give a UNIQUE name to every household member. Record FIRST NAME and SURNAME; if this is not enough to distinguish members from each other, then a called name (nickname), Sr./Jr., or a middle name to distinguish persons.
- S2Q3** The question is only open for PRE-FILLED members. Record YES if the person is currently a member of the household, i.e. normally eats and sleeps within the household. There are different reasons why the person may no longer be a member of the household: MEMBER may have moved to another household for various reasons, may be absent for a long time for various reasons, might have passed away, or may have been incorrectly recorded as a household member in any of the previous visits. Select NO in any of those cases.
- S2Q4** Asked only when MEMBER is no longer a household member. Select the MAIN reason if there is more than one reason.
- S2Q5** Do NOT try to guess the sex of the household member from the name provided to you. This can lead to mistakes. Even in cases where you think that the name would most likely be a male's or a female's name, let the respondent CONFIRM the sex. This question is for newly listed members.
- S2Q6** Also only for newly listed members. Record the AGE IN COMPLETED YEARS, do not round up. If the member is 54 years at the time of the interview and will turn 55 the next day, you must record 54, being the age at the time of the interview Also, only for newly listed members.
- S2Q7A** If the MEMBER captured as head of household from the previous round, is no longer the head of household, select NO and continue to S2Q9.
- S2Q7** Record the relationship of MEMBER to the HOUSEHOLD HEAD. If the respondent is not the head of the household, make sure that you record the relationship of MEMBER to the household head, NOT the relationship to the respondent.
- HEAD - The member who makes key decisions in the household and whose authority is acknowledged by other members. NOTE the key decision maker may not necessarily be the oldest member.
- SPOUSE - formally married or partner by mutual consent
- OWN CHILD - biological child of head (can be from another spouse)
- STEP-CHILD - biological child of spouse from a previous union/marriage

ADOPTED CHILD - children that are not biological children of either head or head's spouse

GRANDCHILD – biological children of the head's (own, step, or adopted) children

BROTHER/SISTER - person with at least one parent shared with the head

NIECE/NEPHEW – a daughter/son of a brother/sister to the head

BROTHER/SISTER-IN-LAW - formally married or partner by mutual consent of the brother or sister of the spouse

PARENT – father or mother of the head

PARENT-IN-LAW - parent of the head's spouse

SON-IN-LAW/DAUGHTER-IN-LAW – person who is formally married to biological child of the head

DOMESTIC HELP (RESIDENT) - person that works for the household (e.g. servant, guard, cook, baby-sitter, etc.) and eats and lives with the household

OTHER RELATION (SPECIFY) – person who is related to the head but whose relation is not specified in any category above should be indicated here and specify the type of relationship to the head

OTHER NON-RELATION (SPECIFY) – person who is not related to the head and not specified in any non-relation category above should be specified here

S2Q8 Select the reason why MEMBER joined the household since our last visit. Check with the respondent and select the most appropriate response. Select MISTAKENLY NOT REPORTED OR FORGOTTEN LAST VISIT if MEMBER was already a household member during the previous interview, but has not been recorded for any reason; DISPLACEMENT DUE TO CONFLICT (MILITANCY/ INSURGENCY) if MEMBER relocated to the household for any reasons concerning security or crisis, such as a terrorist attack; SHARED ACCOMMODATION if MEMBER joined the household primarily for the purpose of sharing the housing cost.

S2Q9 If the prefilled head of the household is reported to no longer be a member of the household in S2Q3, then this question will be asked of all prefilled members to identify the new head of the household and update the relationship of all members to this new head.

SECTION 5F: ACCESS TO HEALTH SERVICES

Description: The objective of this section is to collect data on households' access to health services; it asks about the household's needs for medical attention, challenges faced in accessing care, costs of care, and perceived satisfaction with care.

Instruction: Where applicable, you MUST remind the respondent to answer about the household in general and not about only his/her personal experience specifically. The reference period is "past 4 weeks" for the health questions.

S5FQ3 Ask if the respondent or others in their household NEEDED any health services (treatment or consultation) **in the past 4 weeks** WHETHER THERE WAS ILLNESS OR NOT. Select YES if the respondent or others in their household needed medical services in the past 4 weeks and NO if otherwise.

Note the three key points for this question: (i) needed any health service (ii) whether there was an illness or not (iii) in the past 4 weeks.

DO NOT reword the question by asking – “Did you receive any health service in the past 4 weeks”, as there is a difference between need and receive. A respondent/HH may have needed a service but were not able to receive it. We want to identify these respondents and record the main reason for this (in S5FQ6).

DO NOT reword the question by asking – “Were you or anybody in your HH sick in the past 4 weeks?”, the question says whether they were sick or not. A respondent may have needed a preventive care visit (e.g., regular check-up, immunization, vaccination, ante-natal care), we also want to capture such preventive health care needs/visits.

DO NOT reword the question by asking – “Did you go to the hospital in the past 4 weeks?”. The hospital is not the only place of care that we are interested in. Health services received in other places such as pharmacy, chemist, respondent’s home, religious facility, traditional medicine home etc. (see options list in Q7) should be captured. Keep this in mind when asking and probing in this section.

DO NOT include any events outside the reference period of past 4 weeks.

S5FQ4 Ask for the type of health service(s) or care that members of the household needed in the past 4 weeks. **DO NOT READ OPTIONS aloud. Probe and SELECT ALL THAT APPLY.**

COVID-19 RELATED SERVICES – all services including screening/diagnostic tests, vaccinations, treatment

FAMILY PLANNING - all services related to prevention or spacing of pregnancy.

VACCINATION SERVICES (NON-COVID) - all child vaccinations – excluding the COVID-19 vaccines.

MATERNAL HEALTH/PREGANCY CARE - all health services related to pregnancy, including antenatal care, childbirth, and postnatal care.

NON-COVID OUTPATIENT HEALTH CARE FOR HOUSEHOLD MEMBERS LESS THAN 5 YEARS OLD - all outpatient health services for all persons UNDER 5 YEARS (60 MONTHS) of age related to child health, excluding vaccination, but including child illness, malnutrition care, and annual/regular well visits NOTE- YOU SHOULD ONLY SELECT THIS OPTION IF THE PATIENT(S) DID NOT REQUIRE ADMISSION/OVER-NIGHT STAY IN THE HEALTH FACILITY.

NON-COVID OUTPATIENT HEALTH CARE FOR HOUSEHOLD MEMBERS 5 YEARS AND OLDER - all outpatient health services for all persons AGED 5 YEARS AND OLDER related to adult health, except family planning and maternal health/pregnancy care. NOTE: YOU SHOULD

ONLY SELECT THIS OPTION IF THE PATIENT(S) DID NOT REQUIRE ADMISSION/OVER-NIGHT STAY IN THE HEALTH FACILITY.

EMERGENCY ADMISSIONS/ INPATIENT CARE (NON-COVID) – all inpatient health services including both emergency (unplanned) and non-emergency (planned) admissions.

OTHER HEALTH SERVICES - any other need medical service not specified in the above.

S5FQ4B For each different service selected in Q4, ask for the household member(s) who needed the service. Select ALL THAT APPLY.

S5FQ5 For each different service selected in Q4, ask if the respondent or the member of their household was ABLE TO GET/ACCESS them during the past 4 weeks. Record YES/NO accordingly.

S5FQ6 For each different service the respondent or a member of their household was not able to get/access in the past 4 weeks (Q5=NO). Ask for the MAIN reason why the respondent or the member of their household were not able to get/access [SERVICE] in the past 4 weeks. Probe and select the MAIN reason if there are multiple reasons for non-accessibility. DO NOT READ OPTIONS.

S5FQ7 For each different service the respondent or a member of their household was able to get/access in the past 4 weeks (Q5=YES), ask the respondent where they received the [SERVICE]. DO NOT READ OPTIONS, select the appropriate response.

HOSPITAL – health care institution providing specialized in-patient and out-patient care health services.

CLINIC/HEALTH POST/PRIMARY HEALTH CARE – health environments with a very limited number of beds with limited curative and preventive care resources normally assisted by health workers or nurses.

PHARMACY – a retail facility that sells both prescription and over-the-counter medicines and are overseen by licensed pharmacists. This does not include kiosks where a pharmacist is not available. One may have a prescription or ask the pharmacist to prescribe medication.

CHEMIST SHOP (DRUG SHOP) – a lower-tier retail outlet or kiosk, with no pharmacist on staff, that sells over-the-counter drugs, chemical products and household remedies (also known as licensed chemical sellers, chemist, patent and proprietary medicine vendors, accredited drug distribution outlets, etc.)

MATERNAL AND CHILD HEALTH POST (MCH) – a facility that concerns health status of mother and children.

CONSULTANT'S HOME – medical practitioner's home.

FAITH BASED HOME – a health facility that is being run by religious body e.g Hamadiyah health centre, catholic hospital, etc.

OTHER (SPECIFY) – any other classification not stated above and includes over-the-counter purchases in kiosks through self-prescription.

Note: There are different types of health facilities (HF) in the options list. It is very important that you probe effectively to select the correct type of HF where the respondent/HH received the care.

Bear in mind that in rural settings, people mostly have access to CLINIC/HEALTH POST/PRIMARY HEALTH CARE and MCH POST. However, if a person lives in a rural area, do not automatically assume that they received the care in the same locality (i.e a clinic/health post), there are scenarios where people travel to the city to get specialist care, or they may have travelled to the city for other reasons and accessed a hospital there. You should always probe to clarify.

Note that some people use chemist/pharmacy interchangeably, so probe to clarify the right response using the criteria listed above.

S5FQ8 For each different service the respondent or a member of their household needed in the past 4 weeks and was able to access, ask if the respondent or any member of their household had to pay out of their own pocket fees to use this [SERVICE] in the past 4 weeks. Include borrowing because the household needs to repay but exclude gifts. Select YES or NO accordingly.

S5FQ9A For each different service the respondent indicated they or a member of their household had to pay out of their own pocket fees (Q8=YES), ask how much the household paid for **examination/medical visits**. These are direct medical fees, whether outpatient or inpatient, and include costs related to consultation, tests, laboratory, x-rays, admissions/bed, treatment, surgery, and registration, EXCLUDING DRUGS. RECORD accordingly.

S5FQ9B For each different service the respondent indicated they or a member of their household had to pay out of their own pocket fees (Q8=YES), ask how much the household paid for **prescription drugs**. Record the costs for Prescription Drugs (drugs recommended by a health professional). Non-prescription drugs expenditures should be collected on S5FQ9E.

This includes any drugs purchased from hospital, chemist shop, pharmacy, etc. (REGARDLESS OF THE PLACE OF PURCHASE) for each SERVICE. For example, in the event that a respondent went to a clinic for back pain and was given a prescription for drugs by his physician; if he bought the drugs from a chemist/pharmacy OUTSIDE the clinic, this cost of drugs should be captured under “Prescription Drugs” when calculating the cost for the service he accessed at the clinic.

S5FQ9E For each different service the respondent indicated they or a member of their household had to pay out of their own pocket fees (Q8=YES), ask how much the household paid for **non-prescription drugs**. Record the costs for Non-prescription Drugs (obtained without health professional recommendation). **Prescription drugs expenditures should be collected in S5FQ9B.**

This includes any drugs purchased from hospital, chemist shop, pharmacy, etc. (REGARDLESS OF THE PLACE OF PURCHASE) for each SERVICE.

S5FQ9C For each different service the respondent indicated they or a member of their household had to pay out of their own pocket fees (Q8=YES), ask how much the household paid for **transportation**.

If the household used private vehicle, ask to estimate the cost of fuel. If they were transported for free, record zero.

Note: You should calculate the cost for all the persons that took/accompanied the respondent/HH member to the facility to receive the service, provided that the cost was paid for by a HH member. DO NOT calculate the transport cost for only the person(s) who required the service. This cost should include both journeys, that means the expenditures related to arriving to the health facility and the expenditures related to returning from the facility.

S5FQ9D For each of the health services the respondent indicated the household had to pay out of their own pocket fees (Q8=YES), ask how much the household paid for **other expenses**. These include direct medical costs that are not user fees (i.e., cost for items required for the service/treatment that were purchased by the patient and not included in the bill provided by the service provider), such as purchase of medical equipment (crutches, bands, gloves etc.) and traditional medicine, or indirect medical costs that are not transport related, such as feeding.

Note the following for S5FQ9A to S5FQ9D:

- (a) If a respondent provides an unusually low or large amount, probe further to clarify that it is not an error; and after you have verified that it is not an error, add a comment explaining the reason for the unusual figure.
- (b) If a respondent reports the same cost for 2 or more items, for example, a respondent says he paid ₦1,000 for examination and ₦1,000 for drugs, you should probe to clarify that it is not an error. Sometimes this happens because the respondent is lumping the costs together, let them know that you want the cost for each item separated. If you confirm that it is not an error, note this in the comment.
- (c) Be careful to correctly categorize costs into the appropriate section, for example do not calculate bed/admissions cost under “Other expenses” or calculate other expenses under examination /medical visits.
- (d) Record DON'T KNOW if the respondent doesn't know. However, you should only record DON'T KNOW if the respondent doesn't know because it was another household member who received the SERVICE, or they insist that they cannot remember the exact figure or provide an estimate after you have probed sufficiently.

S5FQ10 Is asked if Q5 is YES (could get [SERVICE]). For each of the health service the respondent indicated that their household was able to access in the past 4 weeks, ask how satisfied they were with the service. Select DON'T KNOW if the respondent does not know because it was another household member who received the SERVICE.

Note: DO NOT ask “Were you satisfied or not satisfied”, or “Were you very satisfied or not satisfied”, that is very unsatisfactory. This is a Likert scale question; we want to measure the level of satisfaction /dissatisfaction. It is important to READ OUT ALL the options and select the appropriate response.

SECTION 6: EMPLOYMENT

Description: This section asks about INCOME-GENERATING activities of the respondent and the household. The module is structured based on the respondent's employment status during the previous round interview. Three possible cases shall be implemented in this module.

- **Case 0:** applies to those who were not respondents during the previous round interview.
- **Case 1:** applies to those who were working during the previous round interview.
- **Case 2:** applies to those who were not working during the previous round interview.

In what follows, we provide contextual explanations of questions in employment module. While most of the questions will be applicable in all cases, there are some which might be applicable to a particular case. Where applicable, we highlight the case in which specific questions are applicable.

S6Q1 The reference period is LAST WEEK (i.e., Monday to Sunday of the week before the interview date). Select YES if the person has done any of the following last week, even if only for one hour. You will likely need to probe to determine the answer, as some respondents may not immediately understand if the activity they have done qualifies as a YES.

Work for pay includes... *Worked for a wage, salary or any other pay. Payment includes all forms of remuneration – incl. wage, salary, tips, commissions – paid in cash or in-kind or with deferred payment. This includes persons working for pay for someone else, in a dependent relationship, for example as employees or paid apprentices, including casual, informal, and part-time employees. Agricultural work for others – e.g. for a wage, in-kind payment, or exchange of goods and services – is included here.*

Any kind of business includes... *The person has worked in a non-farm family business (e.g. as craftsman, hairdresser, shopkeeper, making and selling of food, medical practice, etc.) managed or operated by them or any other household member. This refers to any kind of family business activity the person is involved in to earn an income in the form of profits, in cash, or in kind, even if the business was not making a profit or was incurring a loss by the time of the interview.*

Farming includes... *Family farming, livestock, or fishing activities. The person has done any farming related work on land owned or rented by members of this household, or any livestock-related work with animals owned by members of the household or any fishing-related work (incl. shellfish collection, aquaculture etc.).*

Any other activity to generate income... *Any other type of income generating activity not included on the previous categories.*

S6Q1A This question is asked to those who did not work last calendar week (Q1=NO). Ask if they have a job, business, or family farm from which they were absent last week, to which they expect to return. Record YES/NO accordingly.

S6Q1B In the case of respondents that have a job, business, or family farm to return to, ask when they expect to return to this job and select the appropriate option. DO NOT READ OUT OPTIONS.

Definitions: *ONCE COVID-19 RESTRICTIONS ARE LIFTED – these means that the respondent was not able to work last week because of restrictions related to COVID-19. DO NOT SELECT this option if the restriction was for any other reason.*

S6Q1C Ask the respondent why they did not work last calendar week. DO NOT READ OUT OPTIONS; select the most appropriate response based on what the respondent reports as the MAIN reason he/she did not work last week.

S6Q3A This question is about job search and is asked to those who did not work in the last week and have no job or family business or family farm to return to. Ask if they did anything to find a paid job or start a new business in the **last 4 weeks**. Select YES or NO accordingly. Note the reference period of 4 weeks, any action taken outside of the past 4 weeks does not apply.

S6Q3B This question is asked only if Q3a is YES (did something to find a paid job or start a business). Select the MAIN action that the respondent took in the last 4 weeks to find a job or start a business. DO NOT READ OUT OPTIONS.

S6Q4A This question is asked to those who worked during the last week (Q1=1) or those who did not work last week but have a job, farm, business that they are planning to return to (Q1A=1). The description of the job that the respondent reported they were doing during the last interview will be prefilled and displayed in the question for them to verify if it is the same job they did in the last week or the same one they were absent from last week but are planning to go back to.

S6Q5A Is asked only if Q4a is NO (different job from last interview). Ask the respondent to describe the primary activities or tasks performed in their main work/job during the last week; and for those who didn't work last week (Q1A=1), ask them to describe the primary activities or tasks they usually perform in the main work/job they were absent from last week but are planning to go back to.

The main job is the one where they usually work the highest number of hours (even if they were temporarily absent last week). If the respondent worked more than one job/activity, refer to the one they spent the most time working on.

Make sure to write a SHORT AND CLEAR DESCRIPTION of the primary activity IN ENGLISH. Note: For non-farm enterprises, provide sufficient details of the specific type of goods and services that the enterprise/business provides.

S6Q5B INTERVIEWER: select the sector in which the respondent works in. Be careful when categorizing respondent's work into the appropriate sector. DO NOT READ OUT THE OPTIONS.

S6Q6 This question refers to the type of relationship between the respondent and whom they worked for. The question is asked for all those who worked last week or who have a work/job that they plan to return to. It refers to the same work the respondent reported in Q5A and Q5B.

Read the question together with the options. READ ALOUD ALL the options and select the appropriate option

In your own non-farm business: The person works on their own account, excluding household farming activities. They hold a "self-employment" type of job and may or may not have employees working for them.

In a non-farm business operated by a household or family member: The person participated in any activity to support the operation of a non-farm business activity of a household member or a family member living elsewhere.

In a family farm, growing crops, raising livestock or fishing: The person participated in any activity to support the operation of a family farm, livestock rearing or fishery

As an employee for a private company or another individual (not household member): The person holds a job with a written or oral contract which gives them a basic pay that is not directly dependent on the revenue of the place where they work.

As an employee for the government: The person holds a job with a written contract with local, regional, or national government.

As an apprentice, trainee, intern: The person holds a job on a temporary basis to acquire workplace experience or skills.

S6Q6A This question is asked to those who worked in agriculture during the last week or to those whose work they are planning to go back to are in agriculture. Ask the respondent what all the family products the respondent worked on are intended for. READ OUT ALL options and select the applicable answer.

The option “Only for sale” means that the output produced or expected from the respondent’s agriculture activities (farming/livestock/fisheries) are intended for sale ONLY. On the other hand, “Only for family consumption” means the products from the respondent’s agriculture activities are intended for their family consumption ONLY. The third option should be selected if the output is intended for both family consumption and sale, no matter the shares allocated to each

S6Q8B1 Record here the TOTAL number of hours the respondent worked on their main job last week. Where necessary, help the respondent to estimate. For partial hours (e.g. 1 hour 30 minutes), enter the decimal (1.5 hours). Do not include the time used to commute to and from work.

Questions S6Q9 to S6Q12 are on transportation to the workplace. The questions are asked to only those who worked last week or those who did not work last week but have an income-generating activity that they are planning to return to (Q1=1 or Q1A=1). If the respondent did not work last week or does not have an income-generating activity that they are planning to return to, the rest of this section is skipped.

S6Q9 Ask the respondent if they used any **paid** transportation service to travel to their work place in the **last month**? Select YES or NO accordingly. Note the reference period of last month. You should select YES only if the respondent paid for the transport service, if the respondent says they used their own vehicle or commuted for free, select NO.

S6Q10 Is asked only if Q9 is YES (used paid transportation to workplace in the last month). Ask the respondent for the mode (type) of transportation that was used in the **last trip** to their work place. DO NOT READ OUT OPTIONS.

S6Q11 Ask the respondent for how much they paid in total for last trip to their workplace using the [mode of transportation selected in Q10]. Record the Naira amount or DON’T KNOW if the

respondent does not know. Note: Record the TOTAL amount for only the one-way trip to the workplace, DO NOT include the cost of returning.

- S6Q12** The purpose of this question is to know if the price of transportation increased, stayed the same or decreased in the last month. READ OUT the options in lower case and select the applicable answer. Select DON'T KNOW if the respondent does not know.

SECTION 5G: PETROL PRICES

Description: The objective of this section is to collect data on the current price of PETROL and challenges that households have faced buying PETROL.

This section will be asked to 50% of the sampled households. If the household has been selected for this section, CAPI will display this section.

- S5GQ0** Select YES, if the household has ever bought petrol.

- S5GQ1** Ask when the most recent purchase of petrol was made **by any member of the household**. DO NOT READ out the options. If the respondent says, "2 weeks ago", this means it was longer than 7 days but within the last 30 days, so you would select option 2.

- S5GQ2** This question only opens if either option 1 or option 2 is selected in S5GQ1 (i.e someone in the household bought petrol in the past 30 days). Ask the respondent if in the **past 30 days**, they have encountered any of the listed difficulties when buying petrol.

Read out the options, select YES/ NO for each option before reading the next option. Note that the household may have purchased petrol at multiple times during the past 30 days, and it is possible that their experiences were different with every purchase. We want to capture all the difficulties they encountered for all the times the household purchased petrol in the last 30 days. Probe to clarify where necessary.

- S5GQ3** Ask how many LITRES of petrol was purchased the **last time** the household bought petrol. Enter the number in the space provided.

- S5GQ4** Ask how much was paid in total for the quantity of petrol bought in S5GQ3. Enter Naira amount.

- S5GQ5** The purpose of this question is to know if the price of petrol increased, decreased or stayed the same in the last month. Select the respondent's option. Read the options, except for DON'T KNOW.

SECTION 5H: FOOD PRICES

Description: The objective of this section is to collect data on the current prices of common food items.

This section will be asked to 50% of the sampled households. If the household has been selected for this section, CAPI will display this section.

- S5HQ1** The objective of this question is to learn of the current availability of the different food items either in the respondent's community or in a community nearby. If the respondent knows that

the item is for sale, but they do not know the price of the item, the response to this question should still be YES.

S5HQ2 Select YES if the respondent knows the current price of the items selected in S5HQ1 in their community or a nearby community's market, even if they have not purchased the item. Otherwise, select NO.

S5HQ5 This question opens if YES is selected in S5HQ2. (i.e. they know the price of the food item. Ask them what is the UNIT/SIZE for which they know the current price of the food item. Select from the list. The list is exhaustive for each food item, and only the applicable unit/size combos will appear for each item.

Note: DO NOT restrict the respondent to a particular unit/size, firstly let them provide the unit/size they are most familiar with. If the unit/size is not in the list, ask them to describe the unit/size in comparison to any of the commonly known unit/sizes in the list. You should then select a unit/size from the list that corresponds to their description.

S5HQ6 For the items that the unit/size was reported in S5HQ5, ask the respondent to provide the current price of the item.

S5HQ7 The purpose of this question is to know if the price of the food item increased, decreased, or stayed the same in the **last month (30 DAYS)**. READ OUT the options, except for DON'T KNOW.

SECTION 5I: TRANSPORTATION PRICES

Description: The objective of this section is to collect data on the current prices of different types of transportation to common destinations.

This section will be asked to 50% of the sampled households. If the household has been selected for this section, CAPI will display this section.

S5IQ1 Ask if any member of the household used a paid transportation service to travel to the nearest market, job, and place of worship in the last 30 days. Select YES or NO.

S5IQ2 Ask what mode (type) of transportation was used to travel to each destination that received a YES response in S5IQ1, the last time it was visited. DO NOT READ out the options. Select the transportation used for the most recent time that the household member made the trip.

S5IQ3 Ask how much the household paid for the last trip made to the destination with mode of transportation selected in S5IQ2. Enter the Naira amount. Note: Record the TOTAL amount for only the one-way trip to the destination, DO NOT include the cost of returning.

S5IQ4 The purpose of this question is to know if the price of transportation to the destination with the mode selected in S5IQ2 has increased, decreased, or stayed the same in the last month. Select the respondent's option.

SECTION 11C: SUBJECTIVE WELFARE

Description: The objective of this section is to collect data on the subjective (self-reported) welfare level of the household i.e their assessment of their standard of living ranging from food consumption, housing,

clothing, health care and overall level of happiness. How people feel about their welfare can impact their health, mortality, lifestyle, economic behaviour etc., which in turn impacts on economic growth. Subjective welfare measures are recognized as an alternative method of measuring living standards, and should be considered alongside the objective indicators of living standards for more effective economic monitoring and better-informed investments in social progress.

Instruction: For Questions 1 to 4 the reference period is the **past one month**, be sure to read out the correct reference period and where necessary probe further to clarify that the response provided is in accordance with the specified timeline.

This section is SUBJECTIVE and therefore you MUST accept the responses provided by the RESPONDENT. You must never question a response provided by a respondent in this section.

For Questions 1 to 4, you MUST remind the respondent to answer about the household in general and not about only his/her personal experience specifically. Questions 5 & 6 are directed at the respondent specifically.

The majority of the questions are Likert scale questions. It is important to READ OUT ALL THE OPTIONS before asking the respondent to select the appropriate response and be careful when making selections.

This section will be asked to 50% of the sampled households. If the household has been selected for this section, CAPI will display this section.

INTERVIEWER READ OUT: Now I'd like to ask you some questions on the welfare of your household. This information would help us understand the sentiments and standard of living of the population.

S11CQ1 Ask the respondent which of the following is true concerning their household's food consumption over the past one month. READ OUT the options and select the appropriate response.

NOTE: 'ADEQUATE' MEANS NO MORE OR NO LESS THAN WHAT THE RESPONDENT CONSIDERS TO BE THE MINIMUM CONSUMPTION NEEDS OF THE HOUSEHOLD.

S11CQ2 Ask the respondent which of the following is true concerning their household's housing over the past one month. READ OUT the options and select the appropriate response.

S11CQ3 Ask the respondent which of the following is true concerning their household's clothing over the past one month. READ OUT the options and select the appropriate response.

S11CQ4 Ask the respondent which of the following is true concerning the standard of health care that their household received over the past one month. READ OUT the options and select the appropriate response.

S11CQ5 Ask the respondent how they consider themselves to be living considering their current level of household income. This is to understand how the respondent rates his/her current standard of living. READ OUT the options and select the appropriate response.

S11BQ6 This question is asking the respondent to rate their overall happiness taking all aspects of their life together such as health, work, finances, relationships, etc. READ OUT the options and select the appropriate response.

SECTION 14: EXPECTATIONS ON CLIMATE EXTREMES AND PAST EXPERIENCE

Description: This section asks on expectations about occurrence of climate extreme events in the upcoming agricultural season i.e., how likely the respondent thinks that a specific event will occur, the related expected impacts and risk mitigation strategies. It also inquires about previous experiences regarding the realization and impacts of climate extreme events as well as on perceived changes in the frequency of occurrence of these events and in the surrounding environment. How farmers perceive climate and future weather influences their behaviour and decisions with respect to agricultural production activities (choice of crops and inputs, adoption of certain practices, etc.) with direct consequences on productivity outcomes.

This section will be collected only for households that are planning to cultivate any crops in the upcoming agricultural season (i.e., the 2023/2024 agricultural season) and for respondents who will be directly involved in the decision making regarding any of the plots that the household will cultivate during this season. This will be determined at the onset of the section through two filter questions (see below for detailed explanation). If the household and respondent are selected for this section based on answers to initial filter questions, CAPI will display this section.

Instruction: Pay attention to how frequently the reference period changes in this section. For example, some questions refer to the upcoming agricultural season while a few others ask about the past. Be sure to read out the correct reference period and where necessary probe further to clarify that the response provided is in accordance with the specified timeline.

Be also aware that the level of reporting changes in this section. The first question on general risk attitude (Q0) is asked at the level of the respondent. Then, after the initial filter questions, the section includes a roster of events and questions are asked for EACH CLIMATE/WEATHER EVENT depending on the skip pattern (S14Q1-S14Q9). Finally, the last question (Q10) is asked for ALL CLIMATE/WEATHER EVENTS combined.

This section is SUBJECTIVE and therefore you MUST accept the responses provided by the RESPONDENT. You must never question a response provided by a respondent in this section. However, you can probe further to clarify any discrepancies between responses.

DO NOT read out the option “DO NOT KNOW”; it is in upper case. Probe sufficiently before selecting this option, ensure the respondent understands that you are asking them to provide a response and determine the most appropriate answer based on their understanding and personal experiences. Where applicable, remind the respondent that, in order to provide answers, they should think about the plots the household usually cultivate and for which they take decisions (alone or jointly with other household members).

Some of the questions in this section are Likert scale questions. It is important to READ OUT ALL THE OPTIONS before asking the respondent to select the appropriate response and be careful when making selections.

S14Q0 This question aims at determining what the generic orientation of the respondent is towards taking or avoiding a risk when deciding how to proceed in life situations where outcome is uncertain. It directly asks the respondent to make a global assessment of their willingness to take risks in life using a scale from 0 to 10 where 0 means "Not at all willing to take risks" and 10 means "Very willing to take risks". Make sure that the respondent understands that they can use any numbers between 0 and 10 to indicate where they place themselves on the scale, depending on whether they are inclined to avoid risks (i.e., 0 or in the neighbourhood of 0), or take risks (i.e., 10 or in the neighbourhood of 10).

S14Q0A This is the first filter question for the section. If the household is not planning to cultivate any crops during the **upcoming 2023/2024 agricultural season**, the rest of this section is skipped. Select YES if the household is planning to cultivate any crops in the upcoming agricultural season and ask the next filter question. NOTE that this is not restricted to the cultivation of seasonal crops, but it concerns all types of crops including those that the household may cultivate on a continuous basis.

S14Q0B This is the second filter question for the section. This question aims at determining whether the respondent will be a decision maker for any of the plots that the household is planning to cultivate during the **upcoming 2023/2024 agricultural season**. Decision makers are those who take decisions on how to use the plot, what crops to grow, when to plant and harvest, and what inputs to use. NOTE that these decisions can be taken alone or jointly with other household members, and regardless of the respondent owning or not the plot(s). If the respondent will not be involved in taking decisions on any of the household's plot, the rest of this section is skipped.

INTERVIEWER READ OUT: Now I'd like to ask you some questions related to the occurrence of extreme climate events in the upcoming 2023/2024 agricultural season. We'd like to understand farmers' expectations, approaches to reducing impact and previous experiences.

S14Q1 Ask the respondent to think about the **upcoming 2023/2024 agricultural season** and how likely it is, in their opinion, that the specific extreme climate event will occur during the upcoming season. NOTE that this is regardless of whether they think the event will affect them and/or their household. READ OUT THE OPTIONS and select the appropriate response.

S14Q2 The question aims to understand how the respondent has formed their expectation about the occurrence of the specific extreme climate event in the upcoming agricultural season. For example: they received a warning, or they learned from weather forecasts, or their assessment might be based on personal experience or the experience of other farmers in previous seasons. DO NOT READ OUT THE OPTIONS, select only one option that corresponds to the answer given by the respondent.

S14Q3 This question is asked only if the respondent reported that the specific extreme climate event is extremely likely or likely or neither likely nor unlikely to occur during the upcoming agricultural season (S14Q1=3, 4 or 5). READ OUT ALL OPTIONS and select YES or NO or DON'T KNOW for each one as applicable. Remind the respondent that they should answer based on

what they expect will happen in the upcoming agricultural season in case the specific extreme climate event occurs.

- S14Q4** This question is asked only if respondent answered YES to one or more options asked in S14Q3 for the specific climate extreme event. READ OUT THE OPTIONS and select the appropriate response. You can provide examples to help the respondent in understanding the question using the answer provided in S14Q3. For example, if the respondent said that they expect damages or losses to crop harvest and food stocks due to floods that are likely to happen in the upcoming agricultural season, do they think they are in a position to limit these damages and losses? And if yes, to what extent? For example, they could take precautionary measures to reduce the consequences of floods on their plots without which the damages and losses to the harvest would be even higher.
- S14Q5** This question is asked only if the respondent reported that the specific extreme climate event is extremely likely or likely or neither likely nor unlikely to occur during the upcoming agricultural season (S14Q1=3, 4 or 5). Explain to the respondent that these actions can concern agricultural production choices such as planting crops later or use specific crop varieties or soil and water conservation practices, etc. but also other coping or risk management strategies adopted by the household such as they or any other member of the household starting a new job or business to diversify income or migrating out of the community for short periods of time (e.g., off-season) to work. Ask the respondent to list up to three actions following the order in which they have been or will be taken, starting with one that was or will be taken first). DO NOT READ OUT THE OPTIONS, select all options based on the answer given by the respondent.
- S14Q6** This question asks about the **last time** the respondent and their household experienced the specific climate extreme event. Only the YEAR in 4-digit must be recorded. If the respondent says that they never experienced the event, record NEVER EXPERIENCED.
- S14Q7** This question is asked only if respondent reported that they have ever experienced the specific extreme climate event (S14Q6≠ NEVER EXPERIENCED). READ OUT ALL OPTIONS and select YES or NO or DON'T KNOW for each one as applicable.
- S14Q8** This question asks about the **past 5 years** and how frequently during this period the respondent and their household experienced the specific climate extreme event, regardless of whether the event produced any negative consequences for them. READ OUT THE OPTIONS and select the appropriate response. The years here are intended as calendar years with the current year excluded. So, the reference period for this question is 2018–2022. You can help the respondent frame the answer by counting during how many years out of the total past 5 years they have experienced the specific climate extreme event (note that it does not matter if the event happened only one time or multiple times in a year). For example, if the respondent says that they have experienced floods in 2020 and 2021, this means 2 years out of 5 which corresponds to option 3-Sometimes.
- S14Q9** This question aims at capturing the perceived changes in the frequency of occurrence of the specific extreme climate event. Ask the respondent to think about the whole period they have been living in their current community and whether they have noticed that in the last few years the specific extreme climate event has been happening more often or less often or with about the same frequency compared to the past. READ OUT THE OPTIONS and select the appropriate response.
- S14Q10** This question inquires on whether the respondent has noticed any specific changes in agricultural and environmental related conditions as well as in migration trends since they have

been living in their current community. READ OUT ALL OPTIONS and select YES or NO or DON'T KNOW for each one as applicable.

SECTION 12: Result of the Interview

Description: This needs to be completed for EVERY interview file, even if you were not able to reach the household to conduct an interview. Some of the questions are interviewer questions and are NOT to be read out to the respondent. Read/ask the respondent only the questions written in lowercase.

INTERVIEWER READ OUT: **Thank you very much for your participation in this survey! I will be transferring 1000 Naira credit to your phone shortly as a thank you for your time today. I may try to contact you in the future for another short interview. Before you go, I have a couple of questions to help in case I need to contact you in the future.**

- S12Q1** Ask if the current phone number that you are speaking to the respondent on is the best number they can be reached on in the future. Select option 1, if the current number is the best number, and option 2 if another number is the best number.
- S12Q2** Select the phone number from the list of numbers displayed. If the respondent's preferred number is not in the displayed list, please go back to the NUMBERS roster and add the number to it. Then return here and select that number accordingly.
- S12Q3** Ask and indicate the day of the week that will be appropriate to reach out to the respondent in the future. Note that you cannot select ANY DAY and a specific day of the week.
- S12Q4** Indicate the time of day that will be most appropriate to reach out to the respondent in the future.

After this, read the displayed text to the respondent and thank them

READ OUT: **That's it for now. Thank you very much for answering all my questions. I will transfer 1000 Naira to you after this call. If you have any questions about the survey you can call XXXX.**

- S12Q5** Record the FINAL RESULT of the interview. The list of answer options is filtered based on the answers in the INTERVIEW INFO Section.

For interviews where you were given consent, response options are:

COMPLETE for interviews that were completed normally, i.e. you managed to answer all questions and sections.

PARTIALLY COMPLETE for interviews that were started, but were not fully completed for whatever reason. These interviews will contain unanswered questions.

- S12Q6** This question, directed to the interviewer, is activated if the interview result is PARTIALLY COMPLETE. Indicate YES if the interview could be completed if another interviewer tries to reach out to the respondent later.
- S12Q7** This question, directed to the interviewer, is activated if the interview result is PARTIALLY COMPLETED, DON'T KNOW HOUSEHOLD, or REFERENCE PERSON CAN'T CONNECT TO HOUSEHOLD. Provide detailed reason for the interview result.

- S12Q8** This question, directed to the interviewer, is activated if the interview result is DON'T UNDERSTAND LANGUAGE of the respondent. Type in the language that you believe the respondent speaks.
- S12Q9** This question, directed to the interviewer, is activated if the interview result is COMPLETE or PARTIALLY COMPLETE. Select the MAIN respondent for this interview from the displayed list.
- S12Q10** This question, directed to the interviewer, is activated if the interview result is COMPLETE or PARTIALLY COMPLETE. Indicate the language that you conducted the interview in. Specify the language if not in the displayed list of languages.
- S12Q11** This question, directed to the interviewer, is activated if the interview result is COMPLETE. Confirm the phone number that you ultimately reached the respondent on.
- S12Q12** Indicate YES if you have general notes about the interview that you want to convey to your supervisor, and NO if otherwise.
- S12Q13** Type the notes/observations here. Be concise, but detail as much as you can.
- S12Q14** Tap to record the end time for the whole interview.