

_____ Respondent Code

Informed consent

Sir (Madam),

Hello, my name is _____ and I work for Innovations for Poverty Action (IPA). IPA is conducting a study to learn about the economic conditions and the quality of life in households in Eastern and Volta regions. In doing this research, we are aiming to gather information that will improve services to farmers. There will be no direct benefit to yourself from participating in the survey. Your participation is completely voluntary. If you agree to participate in this study, we will ask you questions about your household, your education, your health, and your economic activities. Answering the questions will take about two hours. At the conclusion of the survey, we will give you a small gift of soap as compensation for your time.

You do not have to participate if you do not want to. If you decide to participate you can refuse to answer any question. You may always interrupt me to demand additional explanations or even to stop the interview. However, there is no risk to you from participating.

The answers you provide will only be accessible to the research team, and will not be shared with any other organization. Your name as well as all other information that concerns your identity will not be accessible to anyone besides the researchers and those who asked for this study, will never be used to harm or penalize you in any way, and will never show up in a public report.

Information you give in this survey will not affect your entitlement to receive any benefits in the future.

If you have any further questions you may contact the research organization at the address or telephone number below:

Innovations for Poverty Action (IPA), Osu PMB 57, Accra, Ghana
Telephone Number: +233 (0)20 714 7831

If you think that I've answered all of your questions about this study, tell me, do you agree to participate in this interview? /_____/ 1: Respondent says yes; 2: Respondent says no

Main Respondent Name

Respondent Signature/Thumbprint

WE WOULD LIKE TO MAKE A COMPLETE LIST OF HOUSEHOLD MEMBERS: A household is defined as a person or a group of persons, who live together in the same house or compound and share the same house-keeping arrangements and recognise one person as the head. In general, a household consist of a man, his wife, children and some other relatives or a house help who may be living with them. However, it is important to remember that members of a household are not necessarily related (by blood or marriage) because non-relatives (e.g. house helps) may form part of a household.

Now, I would like you to give me the names of all the members of the household.

We would like the names of all people who were members of the household for **at least three months in the past 12 months**. And if the head of the household or his spouse(s) have any other biological children under the age of 18, we would also like the names of those children as well. [INTERVIEWER: START WITH THE RESPONDENT, THEN THE HEAD OF THE HOUSEHOLD, THE WIFE/WIVE(S) OF THE HOUSEHOLD HEAD, CHILDREN AND OTHER ADULTS AND THEN THE OTHER HOUSEHOLD MEMBERS. MAKE SURE TO LIST ALL PERSONS IN THE HOUSEHOLD, INCLUDING THE PRIMARY RESPONDENT].

| MEMBER ID | B.1 | B.2 | B.3 | B.4 | B.5 | B.6 | | B.7 | B.8 | B.9 | B.10 | B.11 | B.12 | B.13 | B.14 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--|-----|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------|
| | LIST THE PRIMARY RESPONDENT AS HOUSEHOLD MEMBER NUMBER 1 MAKE A COMPLETE LIST OF ALL CONCERNED BEFORE GOING TO QUESTIONS 4-14 FORMAL NAME | SEX 1=Male 2=Female | RELATIONSHIP TO HOUSEHOLD HEAD (SEE CODE BOOK) | During the past 12 months, how many months did [NAME] live here? WRITE 12 IF ALWAYS PRESENT OR IF AWAY LESS THAN A MONTH AND SKIP TO B.6 MONTHS | If [NAME] has not stayed for 12 months, what is the main reason for absence? (SEE CODE BOOK) | How old is [Name]? LIST YEAR AND MONTH IF <5 YEARS; OTHERWISE, JUST COMPLETED YEARS. YEAR MONTH | | | What is [NAME'S] primary occupation? (SEE CODE BOOK) | What is [NAME'S] Marital Status? 1. Never Married >> B.12 2. Consensual Union 3. Married Monogamously 4. Married Polygamously 5. Separated >> B.12 6. Divorced >> B.12 7. Widowed >> B.12 IF NOT MARRIED, PROBE. IF LIVING WITH PARTNER, SELECT OPTION 2 | Does [NAME'S] spouse live in the household? [ASK FOR RESPONDENTS WHO ARE MARRIED OR IN A CONSENSUAL UNION] 1=Yes 2=No >> B.12 | SPOUSE'S ID [IF MORE THAN ONE SPOUSE IS A MEMBER, GET ID OF THE FIRST SPOUSE] | Does [NAME'S] mother or father live in the household? 1 =MOTHER AND FATHER 2=MOTHER ONLY 3=FATHER ONLY>>B.14 4 =NEITHER MOTHER NOR FATHER >>NEXT LINE | MOTHER'S ID MEMBER ID | FATHER'S ID [IF FATHER LIVES IN THE HOUSEHOLD] MEMBER ID |
| | PRIMARY RESPONDENT: | | | | | | | | | | | | | | |
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TO BE ANSWERED FOR PRIMARY RESPONDENT, PRIMARY RESPONDENT SPOUSE(S), HOUSEHOLD HEAD, AND HOUSEHOLD HEAD SPOUSE(S) ONLY.

| | C.1 | C.2 | C.3 | C.4 | C.5 | C.6 | C.7 | C.8 | |
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| MEMBER ID | Was [NAME] born in this district? 1=Yes >> C.3 2=No | In what region/country was [NAME] born? 1. Western, 2. Central, 3. Greater. Accra, 4. Volta, 5. Eastern, 6. Ashanti, 7. Brong Ahafo, 8. Northern, 9. Upper East, 10. Upper West, 96. Other ECOWAS, 97. Africa other than ECOWAS, 98. Outside of Africa | How many years in total has [NAME] lived in this district? RECORD '100' IF SINCE BIRTH IF <1 YEAR, RECORD '000' | To what ethnic group does [NAME] belong? [WRITE-IN] | Code of this ethnicity (SEE CODEBOOK) | Has [Name] ever held a political or traditional office? 1=YES 2=NO >> NEXT LINE | Which is the main Office? [SEE CODES AT RIGHT] | Does (Name) still hold this office? 1=YES 2=NO | POLITICAL 1=Member of parliament 2=District chief executive 3=Assembly man/woman 4=Unit Committee Member 5=National Political Office (Minister, Deputy Minister etc=) TRADITIONAL 6=Paramount Chief 7=Sub-chief 8=Queen Mother 9=Head of Family -Ebusupanyin 10=Chief's Elders/ Linguist 11=Other Palace Officials 12=Community Spiritual Head -555=Other (specify) |
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ANSWER FOR ALL HOUSEHOLD MEMBERS 5 YEARS AND OLDER

| | D.1 | D.2 | D.3 | D4 | D5 | D.6 | D.7 | GRADE LEVEL CODES: 01=None; 02=Pre-school; 11=P1; 12=P2; 13=P3; 14=P4; 15=P5; 16=P6; 17=JSS1; 18=JSS2; 19=JSS3; 20=M1; 21=M2; 22=M3; 23=M4; 24=SSS1; 25=SSS2; 26=SSS3; 27=SSS4; 28= 'O' level 29= 'A' level 30= Polytechnic 31=Training College 32= University 33= Medical Training institution -555=Other (specify) |
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| MEMBER ID | Has [NAME] ever attended school? 1=Yes 2=No >> D.6 | What was the highest grade successfully completed? [SEE CODES AT RIGHT] | Did [NAME] attend school / college at any time during the past 12 months? 1=Yes 2=No >>D.6 | Did [NAME] miss any school days during the last month of the term [JULY] when the school was open? 1=Yes 2=No >> D.6 | If so, how many days of school did [NAME] miss during the last month of the term [JULY]? | Can [NAME] read or write a sentence in a Ghanaian language? 1= Unable to Read or Write 2=Read Only 3=Able to Read and Write | Can [NAME] read or write a sentence in English? 1= Unable to Read or Write 2=Read Only 3=Able to Read and Write | |
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ALL HOUSEHOLD MEMBERS

| MEMBER ID | E.2 | E.3 | E.4 |
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| | During the past 30 days, did [NAME] suffer from any illness or injury? 1= Yes 2= No >> NEXT PERSON | For how many days did [NAME] suffer due to illness or injury during the past 30 days? | For how many days did [NAME] have to stop doing [NAME]'s usual activities due to illness or injury during the past 30 days? <i>VALUE SHOULD BE LESS THAN OR EQUAL TO E.3</i> |
| | | DAYS | DAYS |
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We would like to ask some questions about all the land for which the household had use or ownership rights during 2012 Major Cropping Season (April 2012-September 2012) to the present. Please include all residential, commercial, and mixed use plots, as well as land belonging to this household that was rented or lent out to another household or company. Note, if you have your house and a farm on the same piece of land, we will count the area with the house as one parcel, and the area with the farm as a separate parcel.

| PARCEL ID | F.1 | F.2 | F.3 | F.4 | F.5 | F.6 | F.7 | F.8 | F.9 | F.10 | F.11 |
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| | Parcel Name COMPLETE THIS COLUMN FOR ALL PARCELS THEN ASK COLUMN 2-11 FOR EACH PARCEL BEFORE GOING TO THE NEXT PARCEL. | Brief Description of the Location | What is the size of this parcel? 1=Hectares 2=Acre | | Who has the ownership/ use rights to this parcel? RECORD UP TO 2 MEMBER OR NON-MEMBER IDs | | Is the primary purpose of this parcel agricultural, residential, or commercial? 1=AGRICULTURAL 2=RESIDENTIAL >> NEXT LINE 3=COMMERCIAL >> NEXT LINE 4=OTHER (SPECIFY) >> NEXT LINE | Who is the primary cultivator of this parcel during the 2013 major season [APR-SEPT 2013]? RECORD 96 IF FALLOW RECORD THE MEMBER ID or NON-MEMBER ID | Who was the primary cultivator of this parcel during the 2012 major season [APR-SEPT 2012]? RECORD 96 IF FALLOW RECORD THE MEMBER ID or NON-MEMBER ID | Is this parcel located in the [Kpong or Weta] Irrigation Scheme? 1=Yes 2=No >> NEXT PARCEL | GHANA IRRIGATION DEVELOPMENT AUTHORITY NUMBER [RECORD '-888' IF THE GIDA NUMBER IS NOT KNOWN] SECTION / BRANCH CANAL |
| | | | QTY | UNIT | 1 | 2 | | | | | |
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Parcel level information: Please transcribe, in the same order from Section F, the names of **all parcels** owned or used from the 2012 Major Cropping Season (April 2012-September 2012) to the present. **Please include all residential, commercial, and mixed use plots**, as well as land belonging to this household that was rented or lent out to another household or company.

| | | OWNED PARCELS | | | | | | | |
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| | G.1 | G.2 | G.3 | G.4a | G.4b | G.5 | G.6a | G.6b | G.7 |
| PARCEL ID | PARCEL NAME | INTERVIEWER: Which household member answered the questions for this parcel? [PUT MEMBER ID] | Location: How many minutes does it take to travel by foot from the homestead to this parcel? | How did the primary cultivator obtain the right to use this parcel? 1=Allocated Free 2=Inherited>> G.5 3=Purchased >> G.5 4=Hire-in/Sublet-in >> G.19 -555=Other (Specify) | If Allocated Free, what qualifies [NAME] to be allocated this land? 1. Government irrigation scheme allocation 2. Member of lineage 3. Member of village 4. Friend of owner 5. Employee of owner 6. Primary Cultivator's spouse owns it 7. Primary Cultivator's spouse rents it -555. Other (specify) | What year did [NAME] first begin to use / received possession of this land ? RECORD '-222' IF HOUSEHOLD HAS ALWAYS HAD THE LAND | Who can sell the land? RECORD UP TO 2 MEMBER IDs IF "NO PERSON," PUT "-111" | | |
| | | MEMBER ID | MINUTES | | | | MEMBER ID 1 | MEMBER ID 2 | GHC |
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| PARCEL ID | G.8a | G.8b | G.9 | G.10 | G.11 | G.12 | G.13 | G.14 | G.15 | G.16a | G.16b | G.17 | G.18a | G.18b |
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| | INTERVIEWER CHECK: Is any part of this parcel used for agricultural purposes? 1=YES 2=NO>> NEXT PARCEL | Was this parcel given out to someone outside the household (e.g. rented/ sharecropped/ allocated) during the Major and Minor Seasons of 2012? (answer Yes if parcel was cultivated by someone outside the household during the Major or Minor Seasons of 2012, but has now been returned) 1=Yes >> G.10 2=No | If you were to hire-out this parcel of land today, how much could you hire it out for over 12 months (one major and one minor season)? >>G.28 | For how many consecutive years has this land been leased out, sharecropped or rented? | | | How much time is remaining on the current contract? | What type of contract is the current use agreement? 1=Fixed Rent >> G.18 2=Sharecrop 3=No Payment >> G.28 -555=Other (Specify) | During the Major and Minor Seasons of 2012, did your household provide any (free) inputs to the sharecrop tenant for use on this parcel? 1=Yes 2=No >>G.17 | What was the value of the (free) inputs that your household provided to the tenant for use on this parcel during the Major and Minor Seasons of 2012? 1=For Year 2=For Major Season 3=For Minor Season | | What proportion of the crops from this parcel were given to your household by the tenant during the Major and Minor Seasons of 2012? 1=None 2=Two-thirds or more, 67% (2/3) 3=One-half, 50% (1/2) 4= One-third, 33% (1/3) 5=One-fourth, 25% (1/4) 6=One-fifth or less, 20% (1/5) | During the Major and Minor Seasons of 2012, what was the total value of rent that your household received toward this land (please include the value of any in-kind payments, as well as the value of any rent that is still owed to you)? >> G.28 1=For Year 2=For Major Season 3=For Minor Season | |
| | | | GHC | YEARS | MONTHS | YEARS | MONTHS | | | GHC | PERIOD | | GHC | PERIO |
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| PARCEL ID | SUBLETED-IN PARCELS (IF G.4=4) | | | | SHARECROP (IF G.22=2) | | | | | | | |
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| | G.19 | G.20 | G.21 | G.22 | G.23 | G.24a | G.24b | G.25 | G.26 | G.27 | G.28 | |
| | INTERVIEWER CHECK: Is any part of this parcel used for agricultural purposes? 1=YES 2=NO>> NEXT PARCEL | How much time remains on the current hire/sublet agreement? | | What was the sublet agreement? 1=Fixed Rent >> G.26 2=Sharecrop 3=No Payment >> G.28 | During the Major and Minor Seasons of 2012, has the landlord provided any inputs for the land? 1=Yes 2=No >>G.25 | What was the value of the inputs that the landlord provided during the Major and Minor Seasons of 2012? 1=For Year 2=For Major Season 3=For Minor Season | | What proportion of the crops went to the landlord during the Major and Minor Seasons of 2012? 1=None 2=Two-thirds or more, 67% (2/3) 3=One-half, 50% (1/2) 4= One-third, 33% (1/3) 5=One-fourth, 25% (1/4) 6=One-fifth or less, 20% (1/5) | How much was the rental payment during the Major and Minor Seasons of 2012 (please include the value of any in-kind payment, as well as the value of any rent that you are still owing)? ANSWER "-222" IF RENTED-OUT ONLY FOR MAJOR SEASON OF 2013 | | | What soil/ land quality is this parcel? 1= Good 2= Fair 3= Poor |
| | YEARS | MONTHS | | | GHC | PERIOD | | GHC | PERIOD | | | |
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| | G.29 | G.30 | G.31 | G.32 | G.33 | G.34 | G.35 | G.36 | G.37 |
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| PARCEL ID | In general, what is the slope of this parcel? 1=Flat 2=Slight Slope 3=Moderate Slope 4=Steep Slope | What is the soil type? 1= Sand 2=Loam 3=Light Clay 4=Heavy Clay 5= Gravely 6=Clay Loam 7=Sandy Loam 8=Other Mixed | What is the main source of water to this parcel? 1=Irrigated 2=Rain-fed >> G.34 3=Swamp/wetland>> G.34 | Does this parcel have irrigation sub-laterals? 1=Yes 2=No >> G.34 | Have you cleaned the irrigation sub-laterals in the past 6 months? 1=YES 2=NO | What type of erosion control/water harvesting facilities are on this [PARCEL]? READ ANSWERS LIST UP TO TWO STRUCTURES. IF NONE, RECORD "1" IN BOTH 1=No erosion control 2=Terraces 3=Erosion control bunds 4=Gabions / Sandbags 5=Vetiver grass 6=Tree belts 7=Water harvest bunds 8=Drainage ditches -555=Other (Specify) | | What was the most recent year/ agricultural season in which the parcel was left fallow? IF NEVER WRITE '-111' >>NEXT PARCEL | How many consecutive years in total was the parcel left fallow this last time? IF LESS THAN 1 YEAR WRITE '00' |
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We would like to ask about all crops, including feeding stuff (fodder leaves, grass, etc.), perennial crops (fruits, etc.) and fallow land which were farmed by your household IN THE 2012 MAJOR SEASON (from APRIL 2012 to SEPTEMBER 2012). Start with a parcel, field and the main crop in the field and then ask for crops intercropped with the main crop. And move on to the next crop in the parcel. If the field is intercropped, the total field area should be entered in QUESTION H.2 for each crop.

| P A R C E L | F I E L D | CROP NAME | CROP CODE [SEE CODE BOOK] | Which household member answered the questions for this crop? [PUT MEMBER ID] | H.1 | H.2 | | H.3 | H.4 | H.5 | H.6 | H.7 | | H.8 | H.9 | H.10 | | H.11 | | H.12 | H.13 | H.14 | H.15a | | H.15b | | H.16a | | H.16b | |
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| | | | | | CROPPING SYSTEM 1=Pure stand 2=Inter-cropped | TOTAL AREA OF FIELD PLANTED 1=Hectares 2=Acre | If intercropped, [H1=2] what percentage of intercropped area was under this crop? | | What type of seed did you use on this field? 1= Traditional 2= Improved | If rice crop, what type of seed did you use? 1=Togo Marshall 2=Jet3 3=Jasmine 4=Perfume Rice 5=Aman Kwatia 6=Tox -555=Other (Specify) | What was the quantity of seeds you used on this field? [SEE CODE BOOK] | Did you purchase any seeds/seedlings for this crop? 1=Yes 2=No >>H.14 | What was the quantity of seeds purchased? [SEE CODE BOOK] | How much did you pay including the value of in-kind payments for all purchased seeds and seedlings used on this field? | Where did you buy most of this seed? 1= Government/ LC 2= Private trader in local market/ village 3= Private trader in district market 4= Fellow farmer 5= Neighbor/ Relative -555= Other (specify) | Method for planting during the last completed season 1=Transplanting 2=Direct Seeding/ Broadcasting | Who decides what and how much to plant on this field? [RECORD UP TO 2 MEMBER IDS] | Who mainly makes decisions about inputs – that is, seeds, fertilizer, chemicals and machinery – purchase and use for this [FIELD]? [RECORD UP TO 2 MEMBER IDS] | MEMBER ID 1 | MEMBER ID 2 | MEMBER ID 1 | MEMBER ID 2 | | | | | | | | |
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| | | I.5a | I.5b | I.6 | I.7 | I.8 | I.9 | I.10 | I.11 | I.12 | |
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| P A R I C D E L | F I E L D | Who in the household decides what to do with the output harvested from this [CROP]? RECORD UP TO 2 MEMBER IDs | | Did you receive any advance payment (in cash or kind) for this crop before the crop was harvested? 1=YES 2=NO | Did you take out any loan (in cash or kind) using this crop as collateral before the crop was harvested? 1=YES 2=NO | Excluding any payment received before the harvest, how many weeks after the harvest did you receive payment for the first batch? [RECORD '-111' IF COMPLETE PAYMENT RECEIVED BEFORE HARVEST] | How much was spent on transport (including transport to the drying floor, mill, storage area, and market)? (IF NOTHING WAS SPENT ON TRANSPORT, RECORD 0] | What was the primary mode of transport? 1=CARRYING 2=TRACTOR 3=PICK-UP 4=CAR 5=MOTOR BIKE -555=OTHER (SPECIFY) | What percentage of the [...] harvested during the 2012 Major Season did you lose or waste after harvest? IF NO LOSS, RECORD '00' AND SKIP TO I.13 | What was the main reason for the loss or zero output? 1= Insects 2= Rodents 3= Flood 4=Drought 5=Disease 6= Stolen 7=Too young to bear any fruit 8=Weed Infestation -555=Other (specify) | |
| | | | MEMBER ID 1 | MEMBER ID 2 | | | WEEKS | GHC | | % | |
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We would now like to ask you about the 2012 Major Season.

| | | J.7 | J.8 | J.9 | J.9a | J.10 | J.11 | J.12 | J.12a |
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| P A R T I C I P A N T | F I E L D | Inorganic/chemical fertilizers | | | | | | | |
| | | Did you use any NPK/Activia on the parcel/field? 1=Yes 2=No >> J.10 | What was the quantity used? 1=25KG BAG 2=50KG BAG -555=OTHER (SPECIFY) | | Where did you purchase most of this NPK/ACTIVIA? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) | Did you use any Urea on the parcel/field? 1=Yes 2=No >> J.13 | What was the quantity used? 1=25KG BAG 2=50KG BAG -555=OTHER (SPECIFY) | | Where did you purchase most of this Urea? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) |
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We would now like to ask about the 2012 Major Season.

| | | J.13 | J.14 | | J.15 | J.15a | J.16 | J.17 | J.18 | | J.19 | J.19a | | | | |
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| P A R I C D E L | F I E L D | Did you use any Amonia on the parcel/field? 1=Yes 2=No >> J.16 | What was the quantity used? 1=25KG BAG 2=50KG BAG -555=OTHER (SPECIFY) | | Where did you purchase most of this Amonia? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) | Did you use any other fertilizer on the parcel/field? 1=Yes 2=No >> J.20 | What was the main other type of fertilzier used? 1=MARP -555=OTHER (SPECIFY) | What was the total quantity [ALL OTHER FERTILIZER TYPES] used? | | Where did you purchase most of this other fertilizer? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) | | | | | | |
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We would now like to ask you about the 2012 Major Season.

| | | J.20 | J.21 | J.22 | J.23 | J.23a | J.24 | J.25 | J.26 | J.27 |
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| P A R I E L | F I E L D | Herbicides | | | | insecticides | | | | |
| | | Did you use any herbicides on the parcel/field? 1=Yes 2=No >> J.24 | What was the main type used? 1=Propanil 2=Solito 3=24-D 4=Basagran 5=Corn Dust 6=Run Up 7=HORIZON PLUS; 8=STAMP 9=ORESOP PLUS 10=STUNPFM -555=Other (Specify) | What was the total quantity [ALL TYPES] used? 1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=LITER 4=CAP -555=Other (Specify) | Where did you purchase most of this herbicide? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) | Did you use any insecticides on the parcel/field? 1=Yes 2=No>>28 | What was the main type used? Insecticide: 1=Karate 2=Cypermethrin 3=Eforia 4=CONTROLLER 5=BOOST EXTRA 6=DURSBAN 4E 7=POWER 8=SEMETOE -555= OTHER (SPECIFY) | What was the total quantity of insecticides [ALL TYPES] used? 1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=LITER 4=CAP -555=OTHER (SPECIFY) | QTY | UNIT |
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We would now like to ask you about the 2012 Major Season.

| P A R T I C I P A N T I D E N T | F I R M T Y P E | J.27a | J.28 | J.29 | J.30 | | J.31 | J.31a |
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| | | Where did you purchase most of this insecticide? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) | Did you use any fungicides on the parcel/field? 1=Yes 2=No>>J.32 | What was the main type used? 1=Mancozeb 2=Amistar Top 3=Topsin M 4=TRYMANGOR 5=QUANTIZIP 6=SULPHUR 80 -555=OTHER (SPECIFY) | Fungicides | | Where did you purchase most of this fungicide? 1=PRIVATE INDIVIDUAL 2=PRIVATE FIRM 3=COOPERATIVE 4=GOVERNMENT -555=OTHER (SPECIFY) | |
| | | | | | What was the total quantity [ALL TYPES] used? 1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=LITER 4=CAP -555=Other (Specify) | QTY | | UNIT |
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We would now like to ask about the 2012 Major Season.

| | | J.32 | J.33 | J.34 | J.35 | J.36 | J.37 | J.38 | J.39 |
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| P A R I C D E L | F I I E D L D | NOTE: FOR THE PURPOSE OF THIS SECTION, CHILD IS DEFINED AS 10-17 YEARS OLD | LAND PREPARATION AND PLANTING | | | | | | |
| | | | How many labor-days of household labor (including exchange labor) were used for land preparation, planting and transplanting during the 2012 Major Season? | | | | How many labor-days of hired labor were used for clearing or weeding before planting, seeding/nursery, planting and transplanting during the 2012 Major Season? | | |
| | | MEN | WOMEN | MALE CHILD | FEMALE CHILD | MEN | WOMEN | MALE CHILD | FEMALE CHILD |
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We would now like to ask you about your household during the 2012 Major Season.

| | | J.40 | J.41 | J.42 | J.43 | J.44 | J.45 | J.46 | J.47 |
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| | | FIELD MANAGEMENT AFTER PLANTING | | | | | | | |
| P A R I C D E L | F I E L D | How many labor-days of household labor (including exchange labor) were used for field management (weeding after planting, fertilizer and pesticide applications, irrigation, scaring, etc.) during the 2012 Major Season? | | | | How many labor-days of Hired labor (including exchange labor) were used for field management (weeding after planting, fertilizer and pesticide applications, irrigation, scaring, etc.) during the 2012 Major Season? | | | |
| | | MEN | WOMEN | MALE CHILD | FEMALE CHILD | MEN | WOMEN | MALE CHILD | FEMALE CHILD |
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We would now like to ask you about the 2012 Major Season.

| | | J.48 | J.49 | J.50 | J.51 | J.53 | J.54 | J.55 | J.56 |
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| | | HARVESTING | | | | | | | |
| P A R I C D E L | F I E L D | How many labor-days of Household labor (including exchange labor) were used on harvesting of crops (including preparation of threshing ground, threshing and transportation of output) during the 2012 Major Season? | | | | How many labor-days of hired labor were used on harvesting of crops (including preparation of threshing ground, threshing and transportation of output) during the 2012 Major Season? | | | |
| | | MEN | WOMEN | MALE CHILD | FEMALE CHILD | MEN | WOMEN | MALE CHILD | FEMALE CHILD |
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TO BE ADMINISTERED TO PRIMARY RESPONDENT ONLY

| Lii.1 | Lii.2 | Lii.3 | Lii.4 | Lii.5 | Lii.6 | Lii.7 | Lii.8 |
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| For how many years has [PRIMARY RESPONDENT] continuously cultivated rice? | Do you or workers engaged by you take any specific precaution for application of chemicals for rice cultivation (such as fertilizer, herbicide, insecticide, and fungicide)? 1=YES 2=NO >>Lii.5 | If yes, which precaution? 1=Gloves 2=Masks 3=Protective clothes 4=Hats 5=Boots -555=Other (Specify) [LIST UP TO 2] | | Do you store any chemicals (fertilizer, herbicide, insecticide, fungicide)? 1=YES 2=NO >> Lii.7 | If yes, where do you keep them? 1=At home, out of children reach 2= Open space 3= Stored in the courtyard 4= Left in the plot -555=Other | During any agricultural activities and within the last year have you, or the people working with you, experienced any workplace illnesses/injuries? 1=YES 2=NO>>NEXT SECTION | If yes, please describe (WRITE IN) |
| YEARS | | A | B | | | | |
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Networks: Name the three individuals other than household members with whom you discuss rice cultivation the most.

| | M.1 | M.2 |
|---|-----------------------------------------|---------------|
| | NAME [RECORD NON-MEMBER INFORMATION] | NON-MEMBER ID |
| 1 | | _ _ _ _ |
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Now we would like to ask you some questions about **all paid work off the family farm or household enterprise** that members of your household have done during the past 12 months. This work includes both main and other supplementary wage employments.

ASK FOR ALL HOUSEHOLD MEMBERS

| MEMBER ID | N.1 | N.2 | N.3 | N.4 | N.5 | | N.6 | N.7 | N.8 | N.9 | CODE FOR N.4 1=Salaried private for-profit firm employee 2=Agricultural laborer for other HHs – rice 3=Agricultural laborer for other HHs – not rice 4=Buying and selling –farm inputs 5=Buying and selling – rice crops 6=Buying and selling – non-rice crops 7=Buying and selling – other (SPECIFY) 8=Drying rice 9=Transportation 10=Rental of farm machinery 11=Rental of non-farm machinery 12=Skilled trade (specify) 13=Paid childcare provider -555=OTHER (SPECIFY) |
|-----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | INTERVIEWER: Which household member answered the questions for this Member? [PUT MEMBER ID] | During the past 12 months, has [NAME] worked off the family farm or household enterprise for which [NAME] was paid? 1=YES 2=NO»NEXT PERSON | During the past 12 months, what was [NAME'S] main paid job? i.e. describe the work (duties and tasks) he/she spent the most time doing during the past 12 months. | Describe the kind of trade, service, or industry that this work is connected with? SEE CODES AT RIGHT | What is the total amount of time from the past to the present that [NAME] has been doing this work? | YEARS | MONTHS | How much did [NAME] or will [NAME] receive for all this other work done [FOR MAIN JOB] during the past 12 months, including payment in the form of goods or services? If not yet paid, what payment does [NAME] expect? | How much did [NAME] do any other paid work in the last 12 months off the family farm or outside of the household enterprises? 1= Yes 2=No»»NEXT PERSON | How much did [NAME] or will [NAME] receive for all other work done during the past 12 months, including payment in the form of goods or services? | |
| 1 | | | | | | | | | | | |
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Now we would like to ask you some information about the trades, businesses, professional services and other non-farm self-employed activities (including rental of agricultural machinery) of all the members of your household. Note that this section refers to all non-farm income generating activities run by any member of the household.

0a. During the past 12 months, has any member of your household operated any non-farm, income-generating enterprise? For example, has any one operated his/her own business, shops, trade service, self-employed artisans or other independent profession (whether it is currently operational or not)?

1=YES
2=NO»SECTION>>END

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| ENTERPRISE ID | O.1 | O.2 | O.3 | O.4 | O.5 | O.6 | O.7 | O.15 | O.16 | |
|---------------|-------------|---------------|---------|---------|---------|---------|---------|------|--------|-----|
| | DESCRIPTION | INDUSTRY CODE | ID CODE | ID CODE | ID CODE | ID CODE | ID CODE | YEAR | MONTHS | GHC |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
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| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |

P0. Has any member of your household raised or owned livestock, poultry or any other domesticated animal during the last 12 months?

- 1. Yes
- 2. No >> NEXT MODULE

|__|

| | P.1 | P.2 | P.3 | P.4 | P.5 | P.6 |
|----|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------|
| | A. During the last 12 months, has any member of your household raised or owned any [...]? 1= Yes 2= No >> NEXT ANIMAL | B. How many of [...] are owned by your household now? Number owned now (present at your farm or away) | How many [...] do you have for yourself? | How many [...] does your spouse / do your spouses have? | How many [...] do other household members have? | D. What is the current value of these animals, if you sold all of them today? |
| | | NUMBER | NUMBER | NUMBER | NUMBER | GHC |
| 1 | Bulls and Oxen | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 2 | Cows and Heifer | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 3 | Calves | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 4 | Sheep | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 5 | Goats | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 6 | Pigs | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 7 | Chickens | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 8 | Ducks | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 9 | Turkey | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 10 | Other Poultry | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 11 | Donkeys/Mules | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 12 | Grasscutter | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 13 | Rabbits | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 14 | Other animals | _ _ _ _ | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |

HOUSEHOLD PHYSICAL ASSETS

| | Q.1 Does your household own any [...]? 1=Yes 2=No >> NEXT LINE | Q.2 B. Number | Q.3 F. Current value of all together | Q.4 D. Have you purchased any over the last 12 months? 1 = Yes 2 = No >> NEXT LINE | Q.5 E. Amount spent the last 12 months? |
|-----------------------|-------------------------------------------------------------------------|------------------|-----------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|
| Farm Assets | | | GHC | | GHC |
| 1 Hoe | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 2 Axe | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 3 Rake | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 4 Shovel | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 5 Pick(-axe) | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 6 sickle/reaping hook | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 7 harrow | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 8 tiller | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 9 water pump | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 10 irrigation pipe | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 11 cutlass | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 12 trailer / cart | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 13 spraying machine | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 14 Tractor | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 15 Plough | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |

HOUSEHOLD PHYSICAL ASSETS

| | Q.1 Does your household own any [...]? 1=Yes 2=No >> NEXT LINE | Q.2 B. Number | Q.3 F. Current value | Q.4 D. Have you purchased any over the last 12 months? 1 = Yes 2 = No >> NEXT LINE | Q.5 E. Amount spent the last 12 months? |
|-----------------------------------|-------------------------------------------------------------------------|------------------|-------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|
| Durable Goods | | | GHC | | GHC |
| 1 Beds | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 2 Mattresses, | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 3 Wardrobes | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 4 Tables | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 5 Chairs | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 6 Sewing Machine | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 7 Stove (kerosene, electric, gas) | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 8 Refrigerator/Freezer | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 9 Fan | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 10 Radio | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 11 Radio Cassette | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 12 Box- Iron | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 13 Electric iron | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 14 Bicycle | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |
| 15 Motorcycle | _ | _ _ | _ _ _ _ | _ | _ _ _ _ |

HOUSEHOLD PHYSICAL ASSETS

| | Q.1 Does your household own any [...]? 1=Yes 2=No >> NEXT LINE | Q.2 B. Number | Q.3 F. Current value | Q.4 D. Have you purchased any over the last 12 months? 1 = Yes 2 = No >> NEXT LINE | Q.5 E. Amount spent the last 12 months? |
|----------------------------------------------------------------|-------------------------------------------------------------------------|------------------|-------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|
| | | | GHC | | GHC |
| 16 TV | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 17 VCR/DVD Player | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 18 Lanterns/ gas lights | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 19 Buckets | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 20 Electric Power Generator | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 21 Water pump/ cans | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 22 Car (include all non-working cars) | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 23 Truck/ bus (include value of all non-working trucks/busses) | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 24 Torches | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| Other Personal Assets | | | | | |
| 25 Cell phone | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |
| 26 Cloth | _ | _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ |

HOUSING CHARACTERISTICS

MAIN RESPONDENT HOUSEHOLD MEMBER ID |__|__|

Now we would like to ask you about your housing conditions: all the rooms and all separate building used by your household members.

| R.1 | R.2 | R.3 | R.4 | R.5 | R.6 | R.7 | R.8 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is the tenure status of your dwelling? <div style="border: 1px solid black; padding: 5px;"> 1=OWNED 2=RENTED 3=DWELLING PROVIDED BY EMPLOYER 4=DWELLING PROVIDED FREE OF CHARGE 5=APPROPRIATION/SQUATTING 6=TEMPORARY CAMP OR SETTLEMENT -555=OTHER (SPECIFY) </div> | How many rooms does this household occupy? COUNT LIVING ROOMS, DINING ROOMS, BED ROOMS & KITCHEN, BUT NOT BATHROOMS & TOILET | What is the main material used for roofing your main dwelling? <div style="border: 1px solid black; padding: 5px;"> 1=Palm Leaves / Raffia / Thatch Wood 2=Wood 3=Corrugated Iron Sheets 4=Cement/Concrete 5=Asbestos/ Slate 6=Roofing Tiles 7=Mud Bricks / Earth 8=Bamboo -555=Other (Specify) </div> | What is the main construction material of your exterior wall? <div style="border: 1px solid black; padding: 5px;"> 1-Mud/Mud Bricks 2=Wood/Bamboo 3=Metal Sheet/ Slate/Asbestos 4=Stone 5=Burned Bricks 6=Cement/ Sandcrete Blocks 7=Landcrete 8=Thatch 9=Cardboard -555=Other (specify) </div> | What is the main material used for the floors of the dwelling? <div style="border: 1px solid black; padding: 5px;"> 1=Earth / Mud / Mud Bricks 2=Wood 3=Stone 4=Burnt Bricks 5=Ceramic/ Marbel / Tiles 6=cement 7=Terrazzo -555=Other (Specify) </div> | What is the type of functioning toilet that is used in your household? <div style="border: 1px solid black; padding: 5px;"> 1=FLUSH TOILET (W.C) 2=PIT LATRINE 3=PAN/BUCKET 4=KVIP 5=PUBLIC TOILET (FLUSH/ BUCKET/ KVIP) 6=TOILET IN ANOTHER HOUSE 7=NO TOILET FACILITY (BUSH, BEACH) -555=OTHER (SPECIFY) </div> | What is the main source of drinking water for your household? <div style="border: 1px solid black; padding: 5px;"> 1=INDOOR PLUMBING 2=INSIDE STANDPIPE 3=WATER TRUCK/TANKER SERVICE 4=WATER VENDOR 5=PIPE IN NEIGHBORING HOUSEHOLD 6=PRIVATE OUTSIDE STANDPIPE/TAP 7=BOREHOLD 8=PROTECTED WELL 9=UNPROTECTED WELL 10=RIVER/STREAM 11=RAIN WATER / SPRING 12=DUGOUT / POND/ LAKE / DAM -555=OTHER (SPECIFY) </div> | What is the main source of lighting in your dwelling? <div style="border: 1px solid black; padding: 5px;"> 1=ELECTRICITY (MAINS) 2=KEROSENE LAMP 3=GAS LAMP 4=CANDLES/Torches/ (flashlights) 5=FIREWOOD 6=GENERATOR 7=solar energy -555=OTHER (SPECIFY) </div> |
| _ _ _ _ | _ _ _ | _ _ _ _ | _ _ _ _ | _ _ _ _ | _ _ _ _ | _ _ _ _ | _ _ _ _ |

| | Si.1 | Si.2a | Si.2b | Si.2c | Si.3 | Si.4a | Si.4b | Si.4c |
|---|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|
| | In the last 18 months, did you personally try to borrow money from [SOURCE]? 1=YES>>Si.3 2=NO | Why didn't you ask for a loan from this source? SELECT MAIN TWO REASONS IN ORDER OF IMPORTANCE 1=NO NEED: HAVE ENOUGH OWN RESOURCES 2=LACK OF COLLATERAL 3=TOO EXPENSIVE (THE INTEREST RATE IS TOO HIGH) 4=THE REPAYMENT PERIOD IS TOO SHORT 5=FEAR OF LOSING COLLATERAL 6=BELIEVED WOULD BE REFUSED (FEAR OF BEING REJECTED) 7=DO NOT WANT HARASSMENT 8=DO NOT LIKE TO BE INDEBTED 9=THE [SOURCE] DOES NOT EXIST IN MY AREA 10=ALREADY TOO INDEBTED 11= DO NOT KNOW WHERE TO APPLY -888=I DON'T KNOW HOW -555=OTHER (SPECIFY) | | | In the last 18 months, did any other member of your household try to borrow money from [SOURCE]? 1=YES >> NEXT LINE 2=NO | Why didn't any other member of your household ask for a loan from this source? SELECT MAIN TWO REASONS IN ORDER OF IMPORTANCE 1=NO NEED: HAVE ENOUGH OWN RESOURCES 2=LACK OF COLLATERAL 3=TOO EXPENSIVE (THE INTEREST RATE IS TOO HIGH) 4=THE REPAYMENT PERIOD IS TOO SHORT 5=FEAR OF LOSING COLLATERAL 6=BELIEVED WOULD BE REFUSED (FEAR OF BEING REJECTED) 7=DO NOT WANT HARASSMENT 8=DO NOT LIKE TO BE INDEBTED 9=THE [SOURCE] DOES NOT EXIST IN MY AREA 10=ALREADY TOO INDEBTED 11= DO NOT KNOW WHERE TO APPLY -888=I DON'T KNOW HOW -555=OTHER (SPECIFY) | | |
| | | 1 | 2 | SPECIFY | | 1 | 2 | SPECIFY |
| 1 | FORMAL Bank | _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | |
| 2 | SEMIFORMAL (Micro Finance Institution, NGOs (including faith based service cooperatives/ associations) | _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | |
| 3 | INFORMAL (Moneylender, family or friends outside of your household or friends, Rosca/e.g: rotative savings, Trader) | _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | |

DETAILS OF LOAN APPLICATIONS

We would like to ask you about the details of all loan applications (approved or not) to informal, semi-formal, and formal sources **during the past 18 months BY ANY MEMBER OF YOUR HOUSEHOLD.**

Sii.1.CHECK THE ANSWERS IN SECTION Si: IS THERE A 'YES' (CODE 1) ANSWER TO QUESTION Si.1 or Si.3? 1=YES 2=NO>> NEXT SECTION

IF YES, PLEASE GIVE DETAILS OF ALL LOAN APPLICATIONS BY ANY MEMBER OF YOUR HOUSEHOLD, ALONE OR JOINTLY WITH OTHER MEMBERS OR NONMEMBERS OF THE HOUSEHOLD.

| L O A N N U M B E R | Sii.2 | | | Sii.3 | | Sii.4 | Sii.5 | Sii.6 | Sii.7 | Sii.8 | Sii.9 | Sii.10 | Sii.11 | Sii.12 |
|------------------------------------------------|---------------------------------------------------------------------------------------------------|-------|-------|----------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------|
| | PER 1 | PER 2 | PER 3 | MONTH | YEAR | | | GHC | | | | GHC | GHC | GHC |
| | Which member of your household (including yourself) applied for this loan? | | | When was the application for this loan made? | | What is the source of this loan? 1=State bank 2=Private bank 3=Cooperative 4=Moneylender 5=Trader 6=Relative / neighbor / friend 7=Govt agency 8=NGO 9=Business firm 10=Employer 11=Community epicenter 12=exporter/ outgrower scheme 13=Non Bank Financial institution -555=other (specify) | For what main purpose was the loan applied for? 1=AGRICULTURAL LAND 2=OTHER LAND 3=FARM TOOLS AND EQUIPMENT PURCHASE 4=FARM TOOLS AND EQUIPMENT LEASE 5=AGRICULTURAL INPUTS (INCLUDING LABOR) 6=LIVESTOCK 7=BUSINESS 8=HOUSING 9=VEHICLE 10=FOOD/GOODS FOR HOUSEHOLD 11=EDUCATION 12=HEALTH 13=CEREMONIES (WEDDING, FUNERRALS, ETC.) -555=OTHER (SPECIFY) | How much did you or you jointly with others ask for from this source? IF IN-KIND, GIVE THE ESTIMATED CASH VALUE. | Would you have liked to apply for a larger loan from this source under the same terms and conditions? 1=YES 2=NO» Sii.9 | Why did you not ask for more? 1=LACK OF COLLATERAL 2=TOO EXPENSIVE (THE INTEREST RATE IS TOO HIGH) 3=THE REPAYMENT PERIOD IS TOO SHORT 4=FEAR OF LOSING COLLATERAL 5=BELIEVED WOULD BE REFUSED (FEAR OF BEING REJECTED) 6=DO NOT WANT HARASSMENT 7=DO NOT LIKE TO BE INDEBTED 8=ALREADY TOO INDEBTED -555=OTHER (SPECIFY) | What is the status of the loan application? 1=FULLY APPROVED 2=PARTIALLY APPROVED 3=REJECTED » NEXT LINE 4=NOT YET DECIDED» NEXT LINE | What is the principal amount of this loan (i.e., the amount you actually borrowed)? | What is the total amount to be paid to the lender when the loan is fully repaid? | What is the outstanding loan amount? |
| | COPY THE ID CODE OF THE PERSON WHO APPLIED FOR LOAN OR ASKED FOR MONEY. IF JOINTLY COPY BOTH IDS. | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |

Now we would like to ask you about the details of all loans taken out BY ANY MEMBER OF YOUR HOUSEHOLD from semi-formal and informal financial institutions before the last 18 months that are still outstanding.

Siii.1. Did anyone in your household take out a loan before the last 18 months that is still outstanding? 1=YES 2=NO>> NEXT SECTION

IF YES, PLEASE GIVE DETAILS OF ALL LOANS TAKEN OUT BEFORE THE LAST 18 MONTHS THAT ARE STILL OUTSTANDING [DO NOT INCLUDE LOANS RECORDED IN THE PREVIOUS SECTION]

| L O A N N U M B E R | Siii.2 | | | Siii.3 | Siii.4 | Siii.5 | Siii.6 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| | PER 1 | PER 2 | PER 3 | | GHC | | LOAN ID |
| | Which member of your household (including yourself) took out this loan? <div style="border: 1px solid black; padding: 5px; width: fit-content;">COPY THE ID CODE OF THE PERSON WHO APPLIED FOR LOAN OR ASKED FOR MONEY. IF JOINTLY COPY BOTH IDS.</div> | | | What is the source of this loan? <div style="border: 1px solid black; padding: 5px;">1=STATE BANK 2=PRIVATE BANK 3=COOPERATIVES 4=GOV AGENCY 5=NGO 6=MICROFINANCE INSTITUTION 7=EMPLOYER 8=BUSINESS FIRM/TRADER 9=MONEYLENDER 10=RELATIVE 11=FRIEND/NEIGHBOR 12=IKIBINA -555=OTHER (SPECIFY)</div> | What is the outstanding loan amount? | Did you take out any additional loan from this source in the past 18 months (TOP UP)? 1=YES 2=NO >> NEXT LINE | LIST THE ID OF THIS LOAN FROM THE PREVIOUS SECTION |
| O.1 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.2 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.3 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.4 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.5 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.6 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.7 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.8 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.9 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |
| O.10 | _ _ | _ _ | _ _ | _ _ _ _ | _ _ _ _ | _ | _ _ |

| Siv.1 | Siv.2 | Siv.3 | Siv.4 | Siv.5 | Siv.6 | Siv.7 |
|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Has anyone borrowed money from a member of your household in the last 18 months ? 1=YES 2=NO >> Siv.5 | If yes, how many loans did household members give out in the last 18 months ? | What was the total principal amount of these loans (i.e., the amount actually borrowed)? <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> IF IN-KIND, GIVE THE ESTIMATED CASH VALUE. </div> | What is the total outstanding amount of these loans (including interest)? <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> IF IN-KIND, GIVE THE ESTIMATED CASH VALUE. </div> | Has anyone borrowed money from a member of your household more than 18 months ago that has not yet been repaid? 1=YES 2=NO >> NEXT SECTION | If yes, how many loans did household members give out more than 18 months ago that have not yet been repaid? | What is the total outstanding amount of these loans given out more than 18 months ago (including interest)? |
| | | GHC | GHC | | | GHC |
| _ | _ _ | _ _ _ _ _ | _ _ _ _ _ | _ | _ _ | _ _ _ _ _ |

INCOME FROM PRIVATE TRANSFER

Ti.1. Is there anyone who does not currently live in this household from whom your household has received money or goods in the past 12 months **THAT YOUR HOUSEHOLD WILL NOT PAY BACK** (excluding pensions and social grants)? [For example, relatives working elsewhere, or children of household members, relatives or neighbors?]

1=YES
2=NO » NEXT SECTION



IF YES TO QUESTION 1, PLEASE GIVE DETAILS BELOW.

| T R A . C O D E | Ti.2 | Ti.3 | | | Ti.4 |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------|
| | What are the names of the persons who sent assistance to this household during the past 12 months? <div style="border: 1px solid black; padding: 5px; width: fit-content;">WRITE DOWN ALL THE NAMES BEFORE GOING THE FOLLOW UP QUESTIONS. IF THE RESPONDENT DOESN'T WANT TO GIVE NAMES, THEN RECORD -999</div> | To which member of the household did [NAME] send money or goods, i.e. who are the three MAIN persons in this household who received the money or good? <div style="border: 1px solid black; padding: 5px; width: fit-content;">COPY THE ID CODE OF THE THREE MAIN PERSON WHO RECEIVED MONEY OR GOODS.</div> | | | What was the total amount received by household members from [NAME] in the past 12 months, including the value of all payments in-kind? |
| | | NAMES | PER 1 | PER 2 | |
| 1 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 2 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 3 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 4 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 5 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 6 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 7 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 8 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 9 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |
| 10 | | _ _ _ | _ _ _ | _ _ _ | _ _ _ _ _ _ _ |

TRANSFERS OUT OF THE HOUSEHOLD FOR FREE

Tii.1. During the past 12 months, has any member of your household provided money or goods to persons who are not members of your household? For example, children or relatives living elsewhere, or to other people?

1=YES
2=NO»SECTION

| |
|---|
| _ |
|---|

IF YES TO QUESTION 1, PLEASE GIVE DETAILS BELOW.

| | Tii.2 | Tii.3 | Tii.4 |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| O u t I D | What are the names of all the people to whom members of your household have sent assistance in the past 12 months? | Which member of your household sent money to [NAME]? | What was the total amount sent to [NAME] by household members in the past 12 months, including the value of all payments in-kind? |
| | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>WRITE DOWN ALL THE NAMES BEFORE GOING TO THE FOLLOW UP QUESTIONS.</p> <p>IF THE RESPONDENT DOESN'T WANT TO GIVE NAMES, THEN RECORD -999</p> </div> <p>NAMES</p> | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>COPY THE ID CODE OF THE PERSON WHO SENT MONEY OR GOODS.</p> </div> <p>MEMBER ID</p> | GHC |
| 1 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 2 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 3 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 4 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 5 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 6 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 7 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 8 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 9 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |
| 10 | | _ _ _ _ | _ _ _ _ _ _ _ _ _ |

OTHER INCOME:

V1. Does any member of your household receive income from another source, such as pension, assistance from government or NGO ...?

1=Yes

2=No>> NEXT SECTION

| |
|---|
| _ |
|---|

| | V.2 | V.3 | V.4 |
|-----------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Member ID | If Yes, how much did this member receive in the last 12 months? | Was this a lump sum or monthly payment? 1=Lump Sum 2=Monthly Payment 3= Both | From which main source was this income received 1=PENSION 2=ASSISTANCE FROM GOVERNMENT 3=ASSISTANCE FROM NGOs -555=OTHER (SPECIFY) |
| | GHC | | |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |
| _ _ | _ _ _ _ _ | _ _ | _ _ _ _ _ |

DECISION MAKING

| W.1 | | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| S.No. | In this household, who makes decisions on the following items? 1=Me 2=My spouse 3=My spouse and I decide together 4=My spouse and I decide on our own 5=Someone else (describe) 6=Decide some other way (describe) -888=Don't know -999=Refused to answer -222=NOT APPLICABLE | IF 5 OR 6, DESCRIBE |
| 1 | Buy food | _ _ _ _ _ _ _ |
| 2 | Buy clothes | _ _ _ _ _ _ _ |
| 3 | Buy durable items | _ _ _ _ _ _ _ |
| 4 | House repairs | _ _ _ _ _ _ _ |
| 5 | Spend respondent's earned income | _ _ _ _ _ _ _ |
| 6 | Spend respondent's spouse's earned income | _ _ _ _ _ _ _ |
| 7 | Send a child to school | _ _ _ _ _ _ _ |
| 8 | Bring a child to the doctor | _ _ _ _ _ _ _ |
| 9 | Visit respondent's relatives | _ _ _ _ _ _ _ |
| 10 | Visit respondent's spouse's relatives | _ _ _ _ _ _ _ |

| W.2 | W.3 | W.4 | W.5 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Think about how you are currently spending money. Do you and [NAME OF 1ST SPOUSE] agree on what to spend your money on often, sometimes, rarely, or never?" RECORD -222 IF RESPONDENT DOES NOT HAVE SPOUSE OR CONSENSUAL UNION 1=Often 2=Sometimes 3=Rarely 4=Never | Think about how much of your income you use for savings and investments.. Do you and [NAME OF 1ST SPOUSE] agree on the amount you save and invest often, sometimes, rarely, or never? 1=Often 2=Sometimes 3=Rarely | Think about how much you spend on special goods for yourself (i.e. hairdos, sweets, alcohol, meals out, etc.). Do you and [NAME OF 1ST SPOUSE] agree on the amount of money you spend on these goods often, sometimes, rarely, or never? 1=Often 2=Sometimes 3=Rarely 4=Never | Think about how much [NAME of 1st SPOUSE] spends on special goods for yourself (i.e. hairdos, sweets, alcohol, meals out, etc.). Do you and [NAME OF 1ST SPOUSE] agree on the amount of money [NAME of 1st SPOUSE] spends on these goods often, sometimes, rarely, or never? RECORD -222 IF RESPONDENT DOES NOT HAVE SPOUSE OR CONSENSUAL UNION 1=Often 2=Sometimes 3=Rarely 4=Never |
| _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ | _ _ _ _ _ _ _ |

CHILD CARE

| W.6 | W.7 | W.8 | W.9 | W.10 | W.11 | W.12 | W.13 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------|
| How many hours per week do you spend doing household chores - cooking, cleaning, washing, childcare, etc.? Do NOT include hours spent on household businesses or farming. | ARE ANY MEMBERS OF THIS HOUSEHOLD 10 YEARS OF AGE OR YOUNGER? 1=YES 2=NO >> NEXT SECTION | How many hours per week do you spend caring for <u>this household's children</u> who are age 10 or younger? | Of these, how many hours per week do you spend caring for <u>your children</u> who are age 10 or younger? | Do you have someone who helps you care for YOUR children who are age 10 or younger? 1=YES 2=NO >> NEXT SECTION | How many hours per week does this person / these people spend caring for YOUR children who are age 10 or younger? | How much do you pay for this care? 1=PER DAY 2=PER MONTH | |
| HOURS | | HOURS | HOURS | HOURS | HOURS | GHC | UNIT |
| _ _ _ _ | _ | _ _ _ _ | _ _ _ _ | _ _ | _ _ _ _ | _ _ _ _ _ | _ _ |

EXPENDITURES**EXPENDITURES 7 DAYS**

| Item | Over the past 7 days did your household purchase or pay for any [...]? | How much did your household pay for this [...] in total over the past 7 days? |
|------|------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| code | 1=Yes 2=No>>Next Item | GHC |
| 1 | Alcohol for men | _ _ _ _ _ _ _ |
| 2 | Alcohol for women | _ _ _ _ _ _ _ |
| 3 | Dried tobacco, cigarettes for men | _ _ _ _ _ _ _ |
| 4 | Dried tobacco, cigarettes for women | _ _ _ _ _ _ _ |
| 5 | Barber service for men | _ _ _ _ _ _ _ |
| 6 | Hair dressing for women | _ _ _ _ _ _ _ |
| 7 | Call credit for men | _ _ _ _ _ _ _ |
| 8 | Call credit for women | _ _ _ _ _ _ _ |
| 9 | Mineral drinks for men | _ _ _ _ _ _ _ |
| 10 | Mineral drinks for women | _ _ _ _ _ _ _ |
| 11 | Food consumed in chop bars | _ _ _ _ _ _ _ |

EXPENDITURES 12 MONTHS

| Item | Over the past 12 months did your household purchase or pay for any [...]? | How much did your household pay for this [...] in total over the past 12 months? |
|------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| code | 1=Yes 2=No>>Next Item | GHC |
| 1 | Adult male clothing | _ _ _ _ _ _ _ |
| 2 | Adult female clothing | _ _ _ _ _ _ _ |
| 3 | Children clothing (excluding school uniforms) | _ _ _ _ _ _ _ |
| 4 | Adult male footwear | _ _ _ _ _ _ _ |
| 5 | Adult female footwear | _ _ _ _ _ _ _ |
| 6 | Children footwear | _ _ _ _ _ _ _ |
| 7 | Jewelry and ornaments | _ _ _ _ _ _ _ |

READ: Now, I will read some sentences and then ask you whether you agree or disagree with them. Remember, there are no right and wrong answers; I just want to know what you think

READ: How much do you agree with the following statements? Would you strongly agree, agree, NEUTRAL, disagree, or strongly disagree? Remind the reference respondent of the answer choices for each question. Use translation dictionary. Only a SINGLE answer is possible for each question.

| | ENUMERATOR: PLEASE MARK AN 'X' IN THE APPROPRIATE COLUMN. | Strongly Agree (1) | Agree (2) | Neutral (3) | Disagree (4) | Strongly Disagree (5) |
|----|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|-------------|--------------|-----------------------|
| 1 | I plan tasks carefully. | _ | _ | _ | _ | _ |
| 2 | I make up my mind quickly. | _ | _ | _ | _ | _ |
| 3 | I save regularly. | _ | _ | _ | _ | _ |
| 4 | I look forward to returning to my work when I am away from work. | _ | _ | _ | _ | _ |
| 5 | I can think of many times when I persisted with work when others quit. | _ | _ | _ | _ | _ |
| 6 | I continue to work on hard projects even when others oppose me. | _ | _ | _ | _ | _ |
| 7 | I like to juggle several activities at the same time. | _ | _ | _ | _ | _ |
| 8 | I would rather complete an entire project every day than complete parts of several projects. | _ | _ | _ | _ | _ |
| 9 | I believe it is best to complete one task before beginning another. | _ | _ | _ | _ | _ |
| 10 | It is difficult to know who my real friends are. | _ | _ | _ | _ | _ |
| 11 | I never try anything that I am not sure of. | _ | _ | _ | _ | _ |
| 12 | A person can get rich by taking risks. | _ | _ | _ | _ | _ |
| 13 | It is important for me to do whatever I'm doing as well as I can even if it isn't popular with people around me. | _ | _ | _ | _ | _ |
| 14 | Part of my enjoyment in doing things is improving my past performance. | _ | _ | _ | _ | _ |
| 15 | When a group I belong to plans an activity, I would rather direct it myself than just help out and have someone else organize it. | _ | _ | _ | _ | _ |
| 16 | I try harder when I'm in competition with other people. | _ | _ | _ | _ | _ |
| 17 | It is important to me to perform better than others on a task. | _ | _ | _ | _ | _ |
| 18 | I enjoy planning things and deciding what other people should do. | _ | _ | _ | _ | _ |
| 19 | I find satisfaction in having influence over others. | _ | _ | _ | _ | _ |
| 20 | I like to have a lot of control over the events around me. | _ | _ | _ | _ | _ |
| 21 | The most important thing that happens in life involves work. | _ | _ | _ | _ | _ |
| 22 | My family and friends would say I am a very organized person. | _ | _ | _ | _ | _ |
| 23 | In uncertain times I usually expect the best. | _ | _ | _ | _ | _ |
| 24 | If something can go wrong for me, it will. | _ | _ | _ | _ | _ |
| 25 | I'm always optimistic about my future. | _ | _ | _ | _ | _ |
| 26 | I hardly ever expect things to go my way. | _ | _ | _ | _ | _ |
| 27 | I rarely count on good things happening to me. | _ | _ | _ | _ | _ |
| 28 | Overall I expect more good things to happen to me than bad. | _ | _ | _ | _ | _ |

ARITHMETIC AND SHORT TERM MEMORY TEST

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------|---------------|---------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| ENUMERATOR : READ - THANK YOU FOR YOUR RESPONSES SO FAR. I'M NOW GOING TO ASK YOU A FEW MENTAL MATH PROBLEMS. | 1 | 2 | 3 | 4 | ENUMERATOR: READ - I'D NOW LIKE TO PLAY A GAME DESIGNED TO MEASURE YOUR SHORT TERM MEMORY. IT IS NOT A TEST OF INTELLIGENCE. LISTEN CAREFULLY AS I SAY SOME NUMBERS. WHEN I FINISH, YOU SHOULD REPEAT THEM BACK TO ME IN THE SAME ORDER I SAID THEM TO YOU. FOR EXAMPLE, IF I SAY 7866, you say 7866. OR IF I SAY 1112, YOU SAY? [WAIT FOR RESPONSE]. I WILL READ EACH SET OF NUMBERS ONLY ONCE SO BE CAREFUL TO PAY ATTENTION THE FIRST TIME. IF YOU MISS WHAT I'VE SAID, JUST TRY YOUR BEST TO REPEAT WHATEVER YOU HEARD. | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | |
| | What is 20 minus 13? | What is 200 plus 500? | What is 3 multiplied by 6? | What is 400 divided by 10? | | ENUMERATOR: READ: 3-8-6. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: READ: 6-1-2. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: R: IS THE ANSWER TO K5 and K6 BOTH NO? | ENUMERATOR: R: READ: 3-4-1-7. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: R: READ: 6-1-5-8. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: IS THE ANSWER TO Q8 and Q9 BOTH NO? | ENUMERATOR: READ: 8-4-2-3-9. DID THE RESPONDENT ANSWER CORRECTLY? | 1=Yes 2=No | 1=Yes 2=No | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | | | | | | | | | | | |
| ENUMERATOR : READ: 5-2-1-8-6. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR : IS THE ANSWER TO K11 and K12 BOTH NO? | ENUMERATOR : READ: 3-8-9-1-7-4. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR : READ: 7-9-6-4-8-3. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR : IS THE ANSWER TO K14 and K15 BOTH NO? | ENUMERATOR:READ: 5-1-7-4-2-3-8. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR:READ: 9-8-5-2-1-6-3. DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: READ: NOW WE'LL DO THE SAME THING, EXCEPT THIS TIME I'LL READ THE DIGITS FORWARD AND YOU REPEAT THEM TO ME BACKWARDS. FOR EXAMPLE, IF I SAY 501, YOU SAY 105. OR IF I SAY 5678? [WAIT FOR RESPONSE]. I WILL READ EACH SET OF NUMBERS ONLY ONCE SO BE CAREFUL TO PAY ATTENTION THE FIRST TIME. IF YOU MISS WHAT I'VE SAID, JUST TRY YOUR BEST TO REPEAT WHATEVER YOU HEARD. | ENUMERATOR: R: READ: 2-5. (ANS: 5-2). DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: R: READ: 3-6. (ANS: 6-3). DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: R: IS THE ANSWER TO K19 and K20 BOTH NO? | ENUMERATOR: READ: 5-7-4. (ANS: 4-7-5.) DID THE RESPONDENT ANSWER CORRECTLY? | 1=Yes 2=No | 1=Yes>>19 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes>>19 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes 2=No |
| | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | | | | | | | |
| ENUMERATOR : READ: 2-5-9. (ANS: 9-5-2.) DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR : IS THE ANSWER TO K22 and K23 BOTH NO? | ENUMERATOR : READ: 7-2-9-6. (ANS: 6-9-2-7.) DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR : READ: 8-4-9-3. (ANS: 3-9-4-8.) DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR : IS THE ANSWER TO K25 and K26 BOTH NO? | ENUMERATOR:READ: 4-1-3-5-7. (ANS: 7-5-3-1-4.) DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR:READ: 9-7-8-5-2. (ANS: 2-5-8-7-9.) DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: IS THE ANSWER TO K28 and K29 BOTH NO? | ENUMERATOR: R: READ: 1-6-5-2-9-8. (ANS: 8-9-2-5-6-1.) DID THE RESPONDENT ANSWER CORRECTLY? | ENUMERATOR: R: READ: 3-6-7-1-9-4. (ANS: 4-9-1-7-6-3.) DID THE RESPONDENT ANSWER CORRECTLY? | | | | | | | | | | | | | |
| 1=Yes 2=No | 1=Yes>>Next Module 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes>>Next Module 2=No | 1=Yes 2=No | 1=Yes 2=No | 1=Yes>>Next Module 2=No | 1=Yes 2=No | 1=Yes 2=No | | | | | | | | | | | | | |
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