



Economic Growth Center (EGC),
Yale University
&
Institute of Statistical, Social & Economic Research (ISSER),
University of Ghana, Legon

GHANA SOCIO-ECONOMIC PANEL SURVEY

HOUSEHOLD INSTRUMENT
Wave 2(2013-2014)

Part A

Region:

E.A. #:

District:

HH ID:

Interviewer:

Supervisor ID:



HOUSEHOLD INFORMATION

Date:

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1. Locality -----

2.EAs No:

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3. Head of Household: -----

4. Household No:

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7. Location of household: -----

8. Interviewer

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ID:9.Supervisor ID:

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Section 1 – Household Background

(To be asked of HH head or most knowledgeable person on each subject)

Part A: Consent Form

Part B1: Future Contact Information

Part B2: Household Roster

Part B3: Consent for All Household Members 26 and Younger

Part C: Checklist of Completed Modules

Part D: Background Information

Part E: Employment

- i. Main Occupation Last 7 Days
- ii. Secondary Occupation Last 7 Days
- iii. Non-Employees Last 7 Days

Part F: Education

- i. General Education
- ii. Educational Career
- iii. Literacy And Apprenticeships

Part G: Migration

- i. Immigration
- ii. Migration History

Part A: Consent Form

Title of the Study: Socioeconomic Panel Surveys in Ghana.

Research Partners: Yale Economic Growth Center, Institute of Statistical, Social and Economic Research (ISSER) at the University of Ghana

My name is _____. I am from the Institute of Statistical, Social and Economic Research at the University of Ghana. I am collecting data for a research study to see how the lives of individuals and households in Ghana are affected by the process of economic change. You have been chosen randomly as one of the participants for this study in Ghana. We expect that the results from this survey will help the Ghanaian government as well as other governments in low-income countries and international organizations to develop policies and procedures that improve the lives of people.

Because many parts of your lives are likely to have been affected by economic change, if you agree to participate in this study we will ask you many detailed questions about such things as who lives in your household, your education and health, your children and others in the household, employment and sources of income, the types and amounts of goods you buy, possible disputes in the village that you are aware of, and your sense of the problems in the village as well as the role of various organizations in remedying those problems. The health questions include history of medical care you have received, your use of methods to prevent pregnancy and mental health. We will also obtain measures of your children's height and weight and will provide them with simple tests to assess their knowledge and skills. [For women only: You will also be asked questions about your previous pregnancies; including care you received before giving birth, live births, stillbirths and aborted births, as well as questions about your use of contraceptives.]

If you choose to take the survey, you are free to refuse to answer any of the questions that may make you uncomfortable and you also have the option to end the interview at anytime. You can stop me at anytime to clarify the questions or ask me to repeat something if you don't understand. We will work with you to find convenient times for us to meet about seven times over the next few weeks. The question sessions will last for about 1-2 hours at a place of your comfort and convenience. Because we are interested in long term changes in your household and your community we will try to re-contact you every 3 years for at least 10 years, even if you move, to conduct follow-up surveys. We realized that your time is valuable and that it may not be easy for you to devote this much time to our survey. We would like you to know that your participation is greatly appreciated and is extremely valuable to the success of our efforts to develop better policies and procedures to improve the lives of Ghanaians and people in other low-income countries.

Your participation in this study will not affect you in anyway as the study is solely for research purposes. The answers you provide will be stored securely in the offices of ISSER and Yale University and confidentiality will be maintained at all times. Your name and any other identifying information will be accessible only to the researchers and will never appear in any sort of report that might be published.

Your decision to participate or not participate will not affect you. You can contact the research organization that has hired us to conduct this survey at the address below with any problems or questions you may have:

Robert Osei Darko at the Institute of Statistical, Social and Economic Research University of Ghana, Legon: 0302 501182

Or you may contact the Principal Investigator of the study:

Christopher Udry at the Yale Economic Growth Center, 27 Hillhouse Avenue, New Haven, CT 06511, USA, (+001) (203) 432-3637

If you think I have answered all your doubts and questions about this study and have received a satisfactory answer, please sign or make a thumb imprint if you **consent** to participate in the study. Your participation in this study is completely voluntary. We are very grateful if you participate. Do you agree to participate in the study?

Yes _____ No _____

Signature (thumbprint if respondent is not a literate) _____ Date: _____

Name _____ HHMID _____

Signature of the Enumerator: _____ Date: _____

Part B1: Future Contact Information

Enumerator: please remind the household that it will be interviewed multiple times over the next 15 years, and thus having a way to contact them in the future is critical to the success of the survey. We are going to ask them for two people who can be contacted in the future should the family move from the village.

0: If you left this place, who would be the most likely people to know where you are?

	Contact 1	Contact 2
1. Name of contact people		
2. Relationship to you		
3. Where do these people currently live?		
1. Name of community	1. _____	1. _____
2. Name of region	2. _____	2. _____
4. Phone numbers of these people		
5. How best would we be able to contact these people? (Pls. <i>feel free to give as many options as necessary</i>) e.g. Contact address, landmarks, street numbers, nicknames etc		

Section 0 and 1B2-ROSTER

S01b2: After locating the household by the interviewer:

To the interviewer-

Have you read all of the consent and privacy information to the household head and made sure they understand their rights? 1.....Yes 5.....No

Has an adult household member given consent for you to interview the household? 1.....Yes 5.....No

What is the main Language spoken in the home?

01 English	08 Nzema	15 Frafra/ Gruni	24 Gonja
02 French	09 Ga	16 Kassene Nankana	25 Kusasi
03 Asante	10 Danqme	17 Daabani	26 Ahanta
04 Fanti	11 Ewe	18 Wali/ Daqari	27 Assin/ Asen
05 Akuapem	12 Guan	19 Sissala	28 Hausa
06 Kwahu	13 Buli	20 Kokomba	29 Sefwi
07 Brong/ Banda	14 Mamprusi	22 Nanumba	95 Other

For the Split households and moved households:

How many times has this household moved since we last spoke to you in 2010? Number of times.....

0. Are you happy with your life? 1.....Yes 5..... No 3..... Head is not present

(Instructions: You must ask this question to the household head only, not another household member. If you complete the entire survey but did not put either 'yes' or 'no' here you will be made to come back).

Part B2: Household Roster

Notes on definition of a household appear to remind the interviewer.

Read: First, we will ensure that the list of the people we have from the last round of collection is correct, and then we can add any new people who are now members of the household. I will read you the names and nicknames of people we already have on our list, and you can correct any mistakes and let us know if the person is still a member of the household. After we have gone through the list from the last round, you can add new members to the list.

The following people were listed as members of your household the last time we visited. (please which name is this person first name, which name is this person's last name (family name)? Are the nicknames we have for this person correct, if not correct them?

For this document, only two fields for household members (ID 1 and 2) are assumed for simplicity.

ID	Name (Both names of the person)	Q1-First Name	Q2-Last Name	Q3-Nicknames (Old nickname, editable)	Fixed name (Created automatically by combining first name and last name)	Q4-Is Name male or female? 1.male 5. female	Q5-Is name still a member of the household? 1.Yes (next person) 5.No
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ID	Q6-For what reason is Name no longer considered a member of the household? 1....Moved for work 2....Moved for school 3....Moved to live with relatives 4....Death of caregiver(s) residing in this household 5....Death of person living outside this household 6....Person died >>(move to next person) 7....Marriage 8....Pregnancy 9....Set up new household 10...To follow other family members 11...Break-up of household 12...Gave birth 14. Became ill 15. Recovered from illness 16. Should not have been listed last time, never lived here 95.Other Specify...	Q7-For how long has NAME not been a member of this household? 1...<6 months 2....6-12 months 3... more than12 months	Q8-Who did NAME go to live with? 1....With other family members in SAME community (next person) 2..With NON-family members in SAME community (next person) 3.. With family members outside this community 4...With NON family members OUTSIDE this community	Q8b What is the location NAME moved to? What Region and District (Interviewer press SPACEBAR to open the selection window and select Region and district
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Q9-Are there any more members of your household who were not included in this list? 1. Yes.....5 No.....

ID (continue from last ID number for old members, assuming two members in last round, start from 3)	Q10-First Name	Q11-Last Name	Q12-Nicknames	Fixed name (Created by combining first name and last name)	Q13-Is Name male or female? 1. male 5. female	Q14-Why did NAME join this household? 1....Moved for work 2....Moved for school 3....Moved to live with relatives 4...Death of caregiver residing in former household 5...Death of person living in this household 7...Marriage 8....Pregnancy 10..Followed other family members 11...Break-up of former household 12.....Gave birth 13...Born(new baby) 14. Became ill 15...Recovered from an illness 16. Should have been listed last time. Left out by mistake 95...Other Specify	Q15-For how long has NAME been a member of this household? 1...<6 months 2....6-12 months 3... more than12 months	Q16-Who was NAME living with before he/she moved here? 1.... With other family members in SAME community(next person) 2..With NON-family members in SAME community(next person) 3..With family members outside this community 4...With NON family members OUTSIDE this community	Q16b What is the location NAME moved to? What Region and District (Interviewer press SPACEBAR to open the selection window and select Region and district)
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After each new household member, question 9 (Q9-Are there any more members of your household who were not included in this list? 1. Yes..5 No) is asked again until, a 'No' answer is reached.

Q17. Who is the head of this household? Name.....ID.....

Q18. Which household member gave consent for the interview? Name.....ID.....

Now we ask for more detailed information about the members of your household.

Name (ID)	Gender	Q19-Date of birth DD/MM/YYYY	Q20-Age(generated automatically from date of birth)	Q21- What is names relationship to the head (head's name appears) 1. Head 2. Spouse 3. Child 4. Grandchild 5. Parent/Parent-in-law 6. Son/Daughter-in-law 7. Other relative 8. Adopted, foster/Stepchild 9. House help 10. Non-relative	Q22. What is [Name's] marital status? 1. Married 2. Consensual union 3. Separated 4. Divorced 5. Widowed 6. Never married 7. Betrothed	Q23. Provide a current phone number where Name can be reached or we can reach someone for Name. (Enter 0000-000-0000 for no phone number). Round one phone number is displayed.	Confirmation: Name's gender, age, date of birth, relationship code, marital status and phone number are displayed for confirmation. 1.Yes 5.No	Respondents for section 10 are selected automatically if there are only three adults. If there are more than 3, the head and spouse are selected and the interviewer is told to select another person randomly.
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Part B3: CONSENT FOR ALL HOUSEHOLD MEMBERS AGED 26 AND YOUNGER (TO RESPOND TO SECTION 9).

Section 1 B3-Consent for those under 26 to respond to section 9

ID	Please confirm that Name's guardian consent to him/her responding to section 9. A list of only those under 26 appears for responses. 1. Consent 5. Does not consent
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Part D: Background Information - (To be asked about all household members)

ID	00. Who is the person answering these questions about Name? ID and Name (chosed from a list of all members)	Q9. At what age did [name] get married or start living with a partner?(number range -1 to 120)	Q11. In what year did [name] get married?	Q10a. How much money did [name]'s family contribute in bride price/dowry for this marriage? GHC	Q10b. How much money did [name]'s family received in bride price/dowry for this marriage? GHC	Q12. How much did [name]'s family contribute towards the ceremony for this marriage (eg. wedding)? GHC
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ID	Q13. What is [Name's] religious denomination? 0. None 1. Catholic 2. Anglican 3. Presbyterian 4. Methodist 5. Pentecostals 6. Spiritualist 7. Other Christian 8. Muslim 9. Traditional 11. Other Non-Christian	Q14. Where was Name born? Region, district- select from a list. Provide community/town/village name 11-outside Ghana 999-Dont know (Region/ District Town/ village)	Q15. What is [name]'s nationality? 1. Ghanaian (birth) 2. Ghanaian (naturalized) 3. Burkinabe 4. Malian 5. Nigerian 6. Ivorian 7. Togolese 8. Liberian 9. Other ECOWAS 10. Other African 95. Other (Specify)	Q16. To what ethnic group does (Name) belong? See Appendix for list of ethnic groups.	Q17. Does [Name's] father live in this household? 1. Yes ,ID of father.... >>20 3. No, deceased 5.No, other household.	18. What was [Name's] father's highest level of education completed? 1. None - NO 2. Primary - PO 3. Middle/JSS 4. Voc/Comm 5. 'O' level 6. SSS - SS 7. 'A' level 8. Training college 9. Tech/prof 10. Tertiary 11. Koranic 12. Don't know 95. Other (specify)	19. What kind of work has (NAME's) father done for most of his life? 0. Has no occupation 1. Legislator, senior officials & managers 2. Professionals 3. Technicians & associate professionals 4. Clerks 7. Craft & related trade workers 8. Plant & machine operators & assemblers 9. Elementary occupations 10. Armed forces & other security personnel 11. Homemaker 12. In school 14. Don't know-DK 36. Self employed farmer 37. Forestry worker 38. Fisherman 39. Self employed trader 40. Employed shop attendant 95. Other (specify)	20. Does [Name's] mother live in this household? 1. Yes ,ID of mother. >>23. 3. No, deceased 5.No, other household	21. What was [Name's] mother's highest level of education completed? 1. None - NO 2. Primary - PO 3. Middle/JSS 4. Voc/Comm 5. 'O' level 6. SSS - SS 7. 'A' level 8. Training college 9. Tech/prof 10. Tertiary 11. Koranic 12. Don't know 95. Other (specify)	22. What kind of work has (NAME's) mother done for most of her life? 0. Has no occupation 1. Legislator, senior officials & managers 2. Professionals 3. Technicians & associate professionals 4. Clerks 7. Craft & related trade workers 8. Plant & machine operators & assemblers 9. Elementary occupations 10. Armed forces & other security personnel 11. Homemaker 12. In school 14. Don't know-DK 36. Self employed farmer 37. Forestry worker 38. Fishmonger 39. Self employed trader 40. Employed shop attendant 95. Other (specify)	
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ID	23. Has (Name) ever held a political office? 0. No >>25 1. Member of parliament 2. District chief executive 3. Assembly man/woman 4. Unit Committee Member 5. National Political Office, Minister, Deputy Minister ,Political party officials etc.) 95.Other (specify)	24. Does (Name) still hold this office? 1. Yes 5. No	25. Has (Name) ever held a traditional office? 0. No >>27 1. Paramount Chief 2. Sub-chief 3. Queen Mother 4. Head of Family 5.Chief's Elders/ Linguist 6. Other Palace Officials 7. Community Spiritual Head/ Fetish 95. Other (specify)	26. Does (Name) still hold this office? 1.Yes 5. No	27. For how many months has (Name) been away from this household in last 12 months? 1. Number of months, If less than 6 months (>>Next Person)	29. If absent, is/was (Name) a member of another household? Including a single person household 1. Yes 5. No	30. For what reason did (Name) move away? 1. Job transfer 2. Seeking employment 3. Own business 4.Spouse's employment 5. Accompanying parent 6. Marriage 7. Other family reason 8. Political/religious 9. Education 10. War 11. Fire 12. Flood/famine/drought 95. Other (specify)	31. Where did Name moved to? 11-outside Ghana 999-Dont know Region District Town/village
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1EA. Employment screener .

Identification of household members for various economic modules from age 7 and above

Member ID	1	2	3	4	5	6	7	8	9	10
Who is the person answering these questions about Name? ID and Name 1. Yes 5. No	1 5									
A1: Is Name currently a paid employed worker? 1. Yes 5. No	1 5									
A2: Is name currently the owner or the operator of a household non-farm enterprise? 1. Yes 5. No	1 5									
A3: Is name currently a contributing worker in a household non-farm enterprise? 1. Yes 5. No	1 5									
A4: Is name currently the owner or the holder of a farm plot? 1. Yes 5. No	1 5									
A5: Is name currently a contributing worker on a household farm plot? 1. Yes 5. No	1 5									
A6: Is name currently a full-time student? 1. Yes 5. No	1 5									
A7: Is name retired or incapacitated because of old age or ill-health? 1. Yes 5. No	1 5									
A8: Is name currently a full-time home maker? 1. Yes 5. No	1 5									
A9: Is name currently looking for work but has no work to do? 1. Yes 5. No	1 5									

1Ei. MAIN PAID OCCUPATION LAST 7 DAYS. FOR ALL HOUSEHOLD MEMBERS AGE 7 OR OLDER WHO WERE EMPLOYED (NOT SELF-EMPLOYED) IN THE LAST 7 DAYS

Member ID	1	2	3	4	5	6	7	8	9	10
0. In the last 7 days, has Name done work for which s/he was NOT self employed? (i.e. the individual was someone else's employee) 1.Yes 5.No >>S1Eiii										
1. How many jobs has (Name) had, off the family farm or household enterprise, for which s/he was paid in the last 7 days? Number (1,2 or 3)										
2. Describe the main tasks and duties of the work that (Name) spent most time on during the last 7 days?										
3. ISCO code for above (See Codebook and write 3 digits)										
4. Describe the kind of trade, services, or industry that this work is connected to?										
5. ISIC code for above (See Codebook and write 4 digits)										
6. How long has (Name) been doing this work all together? 6a. Years 6b. Months	Y____ M____									
7a. During the last year, how many weeks has (Name) done this job (out of 52)?										
7b. How many days per week did (Name) typically work? (0-7)										
7c. How many hours per day did (Name) typically work? (0-24)										
8a. During the last 7 days, how many days did (Name) actually do this job?										
8b. During the last 7 days, how many hours per day did (Name) actually do this job?										
9. Has (Name) received or will (Name) receive money for this work? 1.Yes 5.No										
10. What is the amount (including any bonuses, commissions, allowances or tips) received or owed for work done? (Ghana cedis and pesawas)										
11. Over what time period is this amount paid or owed? 1. Daily 2. Weekly 3. Monthly 4. Quarterly 5. Not Regular 6. Other (specify)										
12. Does (Name) receive any other payment for this work in the form of goods and services? 1.Yes 5.No >>										
13. What is the value of goods or services provided/owed? (Gh cedis&pesawas)										
14. Over what time period is this payment in kind made? 1. Daily 2. Weekly 3. Monthly 4. Quarterly 5. Not Regular 6. Other (specify)										
15. When (Name) started doing this work, did he/she sign a written contract? 1. Yes 5. No										
16. Is there a formal union (eg. GPRTU, TUC etc) in the place where (Name) works? 1. Yes 5. No										
17. In this job, is (Name) entitled to paid holidays? 1. Yes 5. No										
18. Is (Name) entitled to paid sick leave and/or maternity leave on this job? 0. None 1. Sick leave 3. Maternity leave 5. Both										
19. Will (Name) receive a retirement pension? 1. Yes 5. No										
20. Are taxes already deducted from (Name's) pay? 1. Yes 5. No										
21. Is (Name) entitled to free or subsidized medical care in this job? 1. Yes 5. No										
21_1. Is Name entitled to any other social security benefit on the job? 1. Yes 5. No										

Member ID	1	2	3	4	5	6	7	8	9	10
22. Where does (Name) usually do his/her work? 1. Office 2. Home 3. Factor 4. Workshop 5. Own land/farm 6. Other land/farm 7. River/Ocean 8. Hotel/Restaurant 9. Store/shop/tableshop 10. Street at a fixed location 11. Street not at a fixed location 12. Lorry Park 13. Somebody's home or veranda 14. School 15. Hospital/Clinic 16. Other (specify)										
23. How many people altogether work in this place where (Name) works? 1. Number (0-1000)										
24. During the last 6 months, has (Name) received any training related to his/her work, including on-the-job training? 1. Yes, 5. No >> PART C ii										
25a. If so, how many months was the training?										
25b. If so, how many weeks was the training?										
25c. If so, how many days was the training?										
26. What type of training did (Name) receive? 1. Clerical 2. Prof/Managerial 3. Computer 4. Marketing 5. Teaching 6. Leadership 7. Medicine 8. Accountancy 9. Skills/Trade 95. Other (specify)										
27. Who paid for the training? 1. (Name) entirely 2. Employer entirely 3. Both (shared cost) 4. Free 5. International Agency 6. Other (specify)										
28. Did (Name) lose any entitlement or benefit during the period of his/her training? 1. Yes, 5. No >> next subsection										
29. If so, by how much was it? GHC Write difference between normal entitlement / benefit while training and before training-this note was in round one but was not display in round two										

Question omitted from section, was in the original paper version submitted, but not here- 5a. For whom did (Name) work? (see codes below)

Codes for question 5a and 34a: Government Sector: Civil Service.....01 Other Public Service.....02 Parastatals.....03 NGOs....04 Cooperatives.....05 Inter.Organ./Diplomatic Mission.....06 Private Sector Formal (incl. paid apprentices).....07 Private Sector Informal.....08 Agric. Business.....09 Other (specify).....10

1Eii. Second job

CHARACTERISTICS OF SECONDARY OCCUPATION FOR THE LAST 7 DAYS.**COMPLETE ENTIRE SHEET FOR ALL HOUSEHOLD MEMBERS AGE 7 OR OLDER.**

Member ID	1	2	3	4	5	6	7	8	9	10
30. Did (Name) have a secondary occupation in the last 7 days? 5.No >>S1Fi	1.Yes									
31. Describe the main tasks and duties of the work that (Name) spent most time on during the last 7 days?										
32. ISCO code for above (See Codebook and write 3 digits)										
33. Describe the kind of trade, services, or industry that this work is connected to?										
34. ISIC code for above (See Codebook and write 4 digits)										
35. How long has (Name) been doing this work all together? (write in)	6a. Years Y___ M___	6b. Months Y___ M___	Y___ M___							
36a. During the last year, how many weeks has (Name) done this job (out of 52)?										
36b. How many days per week did (Name) typically work? (0-7)										
36c. How many hours per day did (Name) typically work? (0-24)										
37a. During the last 7 days, how many days did (Name) actually do this job?										
37b. During the last 7 days, how many hours per day did (Name) actually do this job?										
38. Did (Name) work on this job at same time as his/her main job over the last 7 days? i.e. was (Name) able to be at one job and work on the other one as well? 1. Yes 5. No >>40										
39. If yes, for how many hours in the last 7 days was (Name) simultaneously doing both jobs?										
40. Has (Name) received or will (Name) receive money for this work? 1.Yes 5.No										
41. What is the amount (including any bonuses, commissions, allowances or tips) received or owed for work done? (Ghana cedis and pesawas)										
42. Over what time period is this amount paid or owed? 1. Daily 2. Weekly 3. Monthly 4. Quarterly 5. Not Regular 6. Other (specify)										
43. Does (Name) receive any other payment for this work in the form of goods and services? 1.Yes 5.No >>46										
44. What is the value of goods or services provided/owed? (GH¢ and pesewas)										
45. Over what time period is this payment in kind made? 1. Daily 2. Weekly 3. Monthly 4. Quarterly 5. Not Regular 6. Other (specify)										
46. When (Name) started doing this work, did he/she sign a written contract? a1. Yes 5. No										
47. Is there a formal union (eg. GPRTU, TUC etc) in the place where (Name) works? 1. Yes 5. No										
48. In this job, is (Name) entitled to paid holidays? 1. Yes 5. No										
49. Is (Name) entitled to paid sick leave and/or maternity leave on this job? None 1. Sick leave 3. Maternity leave 5. Both	0.									
50. Will (Name) receive a retirement pension? 1. Yes 5. No										

Member ID	1	2	3	4	5	6	7	8	9	10
51. Are taxes already deducted from (Name's) pay? 1. Yes 5. No										
52. Is (Name) entitled to free or subsidized medical care in this job? 1. Yes 5. No										
53. Is Name entitled to any other social security benefit on the job? Yes 5. No	1.									
54. Where does (Name) usually do his/her work? 1. Office 2. Home 3. Factor 4. Workshop 5. Own land/farm 6. Other land/farm 7. River/Ocean 8. Hotel/Restaurant 9. Store/shop/tableshop 10. Street at a fixed location 11. Street not at a fixed location 12. Lorry Park 13. Somebody's home or veranda 14. School 15. Hospital/Clinic 95. Other (specify)										
55. How many people altogether work in this place where (Name) works? 1. Number (0-1000)										
56. During the last 6 months, has (Name) received any training related to his/her work, including on-the-job training? 1. Yes, 5. No >> S1Fi										
57a. If so, how many months was the training?										
57b. If so, how many weeks was the training?										
57c. If so, how many days was the training?										
58. What type of training did (Name) receive? 1. Clerical 2. Prof/Managerial 3. Computer 4. Marketing 5. Teaching 6. Leadership 7. Medicine 8. Accountancy 9. Skills/Trade 95. Other (specify)										
59. Who paid for the training? 1. (Name) entirely 2. Employer entirely 3. Both (shared cost) 4. Free 5. International Agency 6. Other (specify)										
60. Did (Name) lose any entitlement or benefit during the period of his/her training? 1. Yes, 5. No >> next subsection										
61. If so, by how much was it? GHC Write difference between normal entitlement / benefit while training and before training-this note was in round one but was not display in round two										

Problem-secondary employment q41- reads wrongly in programme, yes or no instead of space for amount.

1Eiii. NON-EMPLOYEES DURING THE LAST 7 DAYS. (wrongly labeled as unemployed)

ANSWER FOR ALL HOUSEHOLD MEMBERS 7 YEARS AND OLDER, AND WHO ARE CURRENTLY NOT PAID EMPLOYEES OUTSIDE THE HOUSEHOLD

Member ID	1	2	3	4	5	6	7	8	9	10
63. Was (Name) available for work (paid employment) during the last 7 days? 1. Yes 5. No >> 65										
64. Has (Name) made any effort during the last 7 days to find work? 1. Yes >> 66 5. No										
65. Why was (Name) not available or has (Name) not made any effort to find work? 1. Thought no work available >>68 2. Awaiting reply to earlier enquiries >>68 3. Waiting to start arranged job, business or agri. >>68 4. Off season in agri., >> 72 5. Occupied with household farm/ non-farm enterprise >>next section 6. Occupied with other household duties >>72 7. Illness / injury, >> Next Section 8. Full-time student >> Next Section 9. On vacation/ pension >>72 95. Other (specific) >>72										
66. What did (Name) do in this period to find work? (Select up to 3 choices) 1. Applied to prospective employer 2. Checked at farms / factories / worksites 3. Asked friends and relatives 4. Took action to start business (capital, land, equipment, etc.) 5. Took action to start agricultural activity 6. Upgrading skills 7. Searched newspaper adverts 8. Searched employment services										
67. During this period what type of employment was (Name) mainly seeking (available, if not seeking for)? Wage employment in: 1. Government or state enterprise 2. Large private firm 3. Small / medium scale enterprise 4. Self employment 5. Any job										
68. How long has (Name) been seeking and/or available to find work? 1. Less than one month 2. between 1 and 3 months 3. between 3 and 6 months 4. between 6 months and 1 year 5. between 1 year and 2 years 6. 2 years 7. More than 2 years										
72. What is the lowest daily wage for which (Name) is willing to work for someone? GH¢ and pesewas										

Omitted question from the program: 62. Is (Name) a paid employee outside the household? 1. Yes >>next person 5. No

PART F: EDUCATION

1Fi. General education

GRADE LEVEL CODES: 0... NONE; 01...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...S1; 28...S2; 29...S3; 30...S4; 31...S5; 95...OTHER (SPECIFY)

Member ID	1	2	3	4	5	6	7	8	9	10
0. Who is the person answering these questions about Name? Name and ID										
2. Has (Name) ever attended school? 1. Yes, 5. No >> PART F iii										
3. What was the highest grade successfully completed? (See GRADE LEVEL CODES above)										
4. What was the highest educational qualification attained? <i>Qualification Codes</i> 0. None 2. MSLC 3. BECE 4. Voc/Comm 5. Teacher Training 6. Teacher Post Secondary 7. GCE O Level 8. SSCE 9. GCE A Level 10. Tech/ Prof. Cert. 11. Tech/Prof. Dip. 12. HND 13. Bachelor's 14. Master's 95. Other (specify)										
5. Did (Name) attend school / college at any time during the last 12 months? 1. Yes 5. No >> PART F ii										
6. Is (Name) still in school? 1. Yes 5. No >> 13										
8. What is the current grade? See Grade Level Codes Above										
7. Is the school (Name) attending Public or Private? 1. Public Religious 2. Public Non-religious 3. Private Religious 4. Private Non-religious										
31b. Which school does Name go to? (A list of the schools in the community and around is available for the interviewer to select from.)										
31c. Is Name in a boarding school? 1. Yes >> 10 5. No										
9. How much travelling time does (Name) spend going to and from school daily? a. Hours b. Minutes	a.Hrs____ b.Min____									
10. How many hours of class did (Name) attend last week? (exclude extra classes) a. Hours b. Minutes	a.Hrs____ b.Min____									
11. How many hours of class did (Name) miss last week? a. Hours b. Minutes	a.Hrs____ b.Min____									

Member ID	1	2	3	4	5	6	7	8	9	10
12. How many hours and minutes of homework did (Name) do last week? a. Hours b. Minutes	a.Hrs____ b.Min____									
13. In the last 12 months, how much was spent on (Name) for school fees, registration fees and other dues? GH¢ and pesewas										
14. In the last 12 months, how much was spent on (Name) with respect to contributions to parent/ teacher association (PTA)? GH¢										
15. In the last 12 months, how much was spent on (Name) for uniforms and sports clothes? GH¢ and pesewas										
16. In the last 12 months, how much was spent on (Name) for books and school supplies? GH¢ and pesewas										
17. In the last 12 months, how much was spent on (Name) for transportation to and from school? If not in boarding school. GH¢ and pesewas										
18. In the last 12 months, how much was spent on (Name) for food, boarding and/or lodging at school?(If in boarding school) GH¢ and pesewas										
19. In the last 12 months, how much was spent on (Name) for expenses on extra classes? GH¢ and pesewas										
20. In the last 12 months, how much was spent on (Name) for in-kind expenses? GH¢ and pesewas										
21. If cannot break down, what was the total schooling expenditure spent on (Name) in the last 12 months? GH¢ and pesewas										
22. Who paid for most of the educational expenses? 1. Father 2. Mother 3. Both parents 4. Other HH member 5. Other relative 6. Non-relative 7. Self 95. Other (specify)										
23. Did (Name) have a scholarship / bursary during the last 12 months? 1. Yes 5. No >>25										
24. What was the amount of the scholarship / bursary received for the past 12 months? GH¢ and pesewas										
25. Does (Name) have access to all the textbooks needed for school? 1. yes, has all, 2. has some, but not all, 0. has none										

Member ID	1	2	3	4	5	6	7	8	9	10
26. How does (Name) obtain the textbooks? Circle all that apply 1. Provided by school, can take home, 2. Provided by school, cannot take home, 3. Newly purchased from the school, 4. Newly purchased from private market, 5. Gift, 6. Passed down from older sibling, 95. Other (specify)										
27 Does (Name) participate in a free feeding program at school? 1. Yes 5. No >>30										
28. Which meal(s) does (Name) receive at school? Circle all that apply 1. Breakfast, 2. Snack, 3. Lunch, 4. Supper										
29. How many times per week does (Name) receive this food?										
30. What mode of transportation does (Name) use to go to school? (if boarding, how does (Name) get there?) 1. Walk 2. Bicycle 3. Car 4. Bus 5. Train 6. Boat 7. Animal 95. Other (Specify) . if Name uses more than one mode o f transport, choose other and then enter the relevant numbers in the other specify.										
32. Does NAME have one teacher for most or all of the subjects studied? 1. Yes, 5. No, NAME has different teachers for math, science, language, etc.>>35										
33. What is the name of (Name's) teacher? [if (Name) has the same teacher all day]										
34 How many days per month, on average, is this teacher absent?										
35. What is the name of NAME's ENGLISH LANGUAGE teacher (if applicable)? a.Name b. code										
36 How many days in the month, on average, is the English teacher absent?										
37. What is the name of NAME's MATHEMATICS teacher? a.Name b. code										
38. How many days per month, on average, is the Math teacher absent?										

1Fii. EDUCATIONAL CAREER – ANSWER FOR ALL HOUSEHOLD MEMBERS 12 YEARS AND OLDER

Member ID	1	2	3	4	5	6	7	8	9	10
39. Has (Name) ever attended technical / computer/ vocational school? 1. Yes 5. No >> 43										
40. How long did name attend this school? 1. Less than 3 months 2. 3 Months 3. 6 Months 4. 1 Year 5. 2 Years 6. 3 Years 7. 4 Years and above										
41. What was the highest certificate (Name) obtained? 0. None 2. NACVET 3. IMIS 4. NVTI 5. City & Guild 6. Certificate 7. Diploma 95. Other, specify										
42. Was the technical / computer / vocational school (Name) attended public or private? 1. Public Religious 2. Public Non-religious 3. Private Religious 4. Private Non-religious										
43. Has (Name) ever attended a tertiary educational institution (e. g. University, polytechnic, etc)? 1. Yes 5. No >>48										
44. How many years did (Name) attend? Number of years										
45. What was the highest institution (Name) attended? 1. Advanced/ Specialist teacher training 2. Polytechnic 3. University 95. Other, specify										
46. What was the highest qualification (Name) achieved? 1. None 2. Certificate 3. Diploma 4. HND 5. Bachelor 6. Masters 7. Doctorate 95. Other, specify										
47. Was the tertiary institution Public or Private? 1. Public Religious										

Member ID	1	2	3	4	5	6	7	8	9	10
2. Public Non-religious 3. Private Religious 4. Private Non-religious										
52. If (Name) ever attended a secondary/tertiary institution, what was (Name)'s major field(s) of study? (list one or more codes) 1. Science 2. Arts 3. Social Science 4. Engineering 5. Medicine 6. Law 7. Education 95. Other (specify)										
48. Has (Name) ever repeated / did (Name) ever repeat a grade/level? 1. Yes 5. No >> 50										
49. How many times has (Name) repeated / did (Name) repeat a grade/level? 1. number										
50. Has (Name) ever / did (Name) ever skip a grade? 1. Yes 5. No >>S1Fiii										
51. How many times has (Name) skipped / did (Name) skip a grade/level? 1. number										

Q46-None was coded 1 instead of 0 (so none could be 0 or 1)

1Fiii. Literacy. Literacy And Apprenticeships –Answer For All Household Members 5 Years And Older

Member ID	1	2	3	4	5	6	7	8	9	10
53a. In what Ghanaian language can (Name) read a phrase/ sentence? (SHOW FLASH CARD) Select up to 5 choices (see language codes below)										
53b. In which language is (Name) most proficient? (SHOW FLASH CARD) (see language codes below)										
54a. In what Ghanaian language can (Name) write a phrase/ sentence? Select up to 5 choices (see language codes below)										
54b. In which language is (Name) most proficient? (see language codes below)										
55. Can (Name) read a phrase/ sentence in English? (SHOW FLASH CARD) 1. Yes 5. No										
56. Can (Name) write a sentence in English? 1. Yes 5. No										
57. What languages does (Name) speak most fluently? (see language codes below), select up to 4 choices										
58. Can (Name) do written calculations? (USE FLASH CARDS) 1. Yes 5. No										
59. Has (Name) ever attended a literacy course? 1. Yes 5. No >>62										

Part G: Migration**Gi. Immigration—Answer for all household members 7 years and older**

Household Member ID	1	2	3	4	5	6	7	8	9	10
6. Who is the person answering these questions about Name? Name and ID										
00. Was Name born in this community? 1. Yes >>S1Gii 5. No										
5a. Where was Name born? Region										
5b. Where was Name born? District										
5c. Where was Name born? Community Name (outside of Ghana, give the name of the country in which (Name) was born.)										
5d. Did Name have a job at the previous place where he/she lived? 1. Yes 5. No >>Q2a										
7. What was [Name's] daily wage/earnings in the job that (Name) had just before leaving previous place? GH cedis and pesawas)										
8a. How long ago did (Name) last move to this place? Number of Years										
9b. How long ago did (Name) last move to this place? Number of Months										
10. Does (Name) intend to stay for a year or more in this village/town/community? 1. Yes, 5. No										
11. What was the main reason for moving to this village/town? 1. Job Transfer 2. Seeking Employment 3. Own Business 4. Spouse's Employment 5. Accompanying Parent 6. Marriage 7. Other Family Reasons 8. Political / Religious Reasons 9. Education 10. War 11. Fire 12. Flood, Famine/Drought; 95. other (specify)										
9a. Has Name ever had a job in this community since he arrived? 1. Yes 5. No										
12. What was [Name's] daily wage/earnings in the job that (Name) first had in this village? (Gh cedis and pesawas)										

1Gii. Migration history

We're going to ask questions for **4 people** and up to **4 migrations**

	Migrant 1				Migrant 2				Migrant 3				Migrant 3			
134. Who is the person answering these questions about Name? Name and ID																
13. Has Name ever lived outside of this community for at least one years? 1. Yes 5. No																
	place 1	place 2	place 3	place 4	place 1	place 2	place 3	place 4	place 1	place 2	place 3	place 4	place 1	place 2	place 3	place 4
14a. If in Ghana, what was the destination? Region																
16b. If in Ghana, what was the destination? District																
16c. If in Ghana, what was the destination? Community Name																
16d. Name of country if outside Ghana																
15. How old was (Name) when (Name) moved to (place)? 1.years																
16. How old was (Name) when (Name) moved from this (place)? 1. years																
17. Why did you move to this place? 1. Job transfer; >>28 2. Seeking employment; 3. Own business; 4. Spouse's employment; 5. Accompanying parent; 6. Marriage; 7. Other family reasons; 8. Political / religious reasons; 9. Education; 10. War; 11. Fire; 12. Flood/famine/drought; 95. Other (specify)																
18. Whom did you know before moving to (place)? Circle all that apply 1. Parents 2. Children 3. spouse/fiancé 4. other relative 5. acquaintance 6. Knew no one																

	Migrant 1				Migrant 2				Migrant 3				Migrant 3			
19. Did you ever work for wages/earnings at this (place)? 1. Yes 5. No>> next place																
20. How did you find a job at destination? 1. Own search before moving 2. Arranged by family 3. Arranged by friends 4. Own search after moving																
21. During the time between arriving at destination and finding a job, what was your main means of support? 1. Own savings 2. Family at destination 3. Family at previous place 4. Friends 5. Menial work/begging 6. No means of support 7. Loan																
22. How long after coming to destination did it take you to find a job? 1. months																
23. Did you work for a family member in your first job at destination? 1. Yes 5. No																
24. What were your main duties at first job of this destination? Describe duties.																
25a. What type of industry was your first job at destination? (See ISCO Codes and write 3 digits)																
26. What type of industry was your first job at destination? (See ISIC Codes and write 4 digits)																

Omitted question from the program.

27. How many times has (Name) lived in another town / village for more than 1 year? 1. number

Section 2: Non-Resident Relatives and Spouses

Section 2 – Non-resident Relatives and Spouses

(To be asked of HH head or most knowledgeable person on non-resident relatives and non-resident spouse)

Part A: Relatives who don't live in HH

Part B :Non-Resident Spouses

2a. Non-resident relatives

Part A: Relatives (living or deceased) who do not live in the household (starting with children, parents and siblings of HH Head and Spouses) dead or alive

Relative ID	1	2	3	4	5	6	7	8	9	10
1. What is the name of this relative?										
1b. Who is the household member to whom relative is related? Name and ID are selected.										
2. What is this relative's relationship to household member? 1. Parent of household head 2. Parent of household head's spouse 3. Sibling of household head 4. Sibling of household head's spouse 5. Child of household head with (current) spouse 6. Child of household head with another person 7. Child of household head's spouse with another person										
Are there any more relatives of household members who live elsewhere? 1.Yes 5.No (if yes, the above questions are repeated until there is none left)										
17. Is relative still alive? 1.Yes >>2 5.No										
3. What year did [Name] die? 1. Year >> Q3										
4. Please give us a phone number where relative can be reached. Current-Phone number. (enter ten zeros for none)										
5. What is relatives gender? 1. Male, 5. Female										
6. In what year was [Name] born? Year										
7. At what age did [Name] stop living with his/her parents? 1. Age Code -1 if still living with parents										
8. What was the highest level of education that [Name] completed? 0. None 2. Primary 3. Middle/JSS 4. Voc/Comm 5. 'O' level 6. SSS 7. 'A' level 8. Training college 9. Technical/professional 10. Tertiary 11. Koranic 95.Other (specify)										
9. What was the age of [Name] at his/her first marriage? 1. Age Code -1 if never / not yet married >>12 3.Don't know DK (from here >> Q11 if relative is not alive)										
10. What is the highest level of education completed of [Name's] current/ most recent spouse? 0. None -- NO 2. Primary -- PO 3. Middle/JSS--MO 4. Voc/Comm -- VC 5. 'O' level -- OO										

Section 2: Non-Resident Relatives and Spouses

Relative ID	1	2	3	4	5	6	7	8	9	10
6. SSS -- SS 7. 'A' level -- AO 8. Training col-- TC 9. Tech/prof -- TP 10. Tertiary -- TE 11. Koranic -- KO 12. Don't know--DK										
11. To what ethnic group does [Name's] current/ most recent spouse belong? (See ethnic code below)										
12. How many living sons does relative have? 1. number										
13. How many living daughters does relative have? 1. number										
14. Has [Name] ever held a political office? 0. None - NO>>15 1. Member of parliament 2. District Chief Executive 3. Assembly man/woman 4. Unit Committee Member 5. National Political Office (Minister, Deputy Minister, political party official. 95.Other (specify)										
15. Does (name) still hold this office? 1. Yes 5. No (if name is alive)										
16. Has [Name] ever held a traditional office? 0. None - NO>>17 1. Paramount Chief 2. Sub-chief 3. Queen Mother 4. Head of Family 5.Chief's Elders/ Linguist 6. Other Palace Officials 7. Community Spiritual Head/ Fetish 95. Other (specify) (Next relative is relative is not alive)										
17. Does (Name) still hold this office? 1. Yes 5. No										
18. How many visits did [Name] make to your household this past year? 1. Number (between 0 and 365). If visited >>21										
19. What year did [Name] last visit? 1. Year										
20. How many phone calls, letters, or other contacts (other than visits in person) has [Name] made to the household in the past 12 months? 1. Number										
21. How many people currently live in [Name's] household? 1. Number										
23. Do you farm (or work) together with [Name]? 1. Yes 5. No										
24. Does [Name] live in your community? 1. Yes>>next relative 5. No										
26. Where does [Name] live? Region										
27a Where does [Name] live? District										
27b. Where does [Name] live? Community name or country										

RESPONDENT: To be asked of most knowledgeable person on each subject

PART B: NON-RESIDENT SPOUSES-

IS THERE A SPOUSE OF A HOUSEHOLD MEMBER WHO DOES NOT CURRENTLY RESIDE WITH THE HOUSEHOLD? (THIS INCLUDES SPOUSES LIVING SEPARATELY BUT NOT DIVORCED)

1. YES

2. NO (check for old absent spouse and answer up to question 3b)>> Next Section

Are there any members of this household who have a spouse or spouses who do not live in this household? This includes spouses living separately but not divorced.

1. Yes 5. No (End of Section if No)

Absent Spouse #	Spouse 1	Spouse 2	Spouse 3	Spouse 4	Spouse 5
1. What is the name of this spouse?					
2. Who is the household member to whom "Absent Spouse" is married? Names and ID of household members appear for selection.					
Are there any more spouses of household members who live elsewhere? 1. Yes 5. No (Then question 1 and 3 are repeated until there is no other absent spouse, then question 2 continues for those listed)					
3. Please give us a phone number where "Name" can be reached. (From here Name represents the absent spouse)					
3a. Is this person still an absent spouse of the household member? 1.....Yes >>4 2....No, no longer spouse 3. No, moved in>>3c					
3b. Why is (Name) no longer a spouse? 1.... Person died 2.....Divorced next spouse					
3c. What is the HHMID of the moved-in spouse? next spouse					
New members: Ask of new absent spouses. If any, answer question 1-3 above and continue from Q4.					
3d. Is this person a new absent spouse? 1....Yes 2.....No					
4. In what year was (absent spouse) born?					
5. At what age did (absent spouse) stop living with his/her parents? Code -1 if absent spouse is still living with the parents					
6. How old was (absent spouse) when he/she was married to [present spouse]?					
7. To what ethnic group does (absent spouse) belong? List appears for selection. (See ethnic group codes below)					
8. What is the highest level of schooling completed by [absent spouse]? 0. None 2. Primary 3. Middle/JHS 4. Voc/Comm 5. 'O' level 6. SSS 7. 'A' level 8. Training college 9. Technical/professional 10. Tertiary 11. Koranic 95. Other specify					
9. When did (absent spouse) last live with [HH member]? 1. Year. Code -1 if they have never lived together					

Section 2: Non-Resident Relatives and Spouses

Absent Spouse #	Spouse 1	Spouse 2	Spouse 3	Spouse 4	Spouse 5
10. What is the primary occupation of (absent spouse)? 0. Has no occupation 1. Legislature, senior official, manager 2. Professionals 3. Technical and Associate professionals 4. Clerks 7. Crafts and related trade workers 8. Plant and machinery operator and assemblers 9. Elementary occupations 10. Armed forces and other security personnel. 11. Home maker 12. In school 36. Self Employed farmer 37. Forestry worker 38. Fisherman/Fishmonger 39. Self employed trader 40. Employed shop attendant 95. Other Specify					
11. How many visits has (absent spouse) made to [present spouse] in the past year? 1. Number 2. If visited >>13					
12. What was the last year that [absent spouse] visited [present spouse]? 1. Year					
13. How many phone calls, letters, or other contacts (other than personal visits) has [absent spouse] made to [present spouse] in the last 12 months? 1. Number					
14. Has (absent spouse) ever held political office? 0. NO>>16 1. Member of parliament 2. District Chief Executive 3. Assembly man/woman 4. Unit Committee Member 5. National Political Office (Minister, Deputy Minister, political party official) 95. Other (specify)					
15. Does (Absent Spouse) still hold this office? 1. Yes 5. No					
16. Has (Absent spouse) ever held a traditional office? 0. No >>18 1. Paramount Chief 2. Sub-chief 3. Queen Mother 4. Head of Family 5. Chief's Elders/ Linguist 6. Other Palace Officials 7. Community Spiritual Head/ Fetish 95. Other - OT (specify)					
17. Does (Absent spouse) still hold this office? 1. Yes 5. No					

Section 2: Non-Resident Relatives and Spouses

Absent Spouse #	Spouse 1	Spouse 2	Spouse 3	Spouse 4	Spouse 5
17a. Does absent spouse live in this community? 1.....Yes>>next spouse 5.....NO					
18a. Where does (absent spouse) primarily live? Region					
18b. Where does (absent spouse) primarily live? District					
18c. Where does (absent spouse) primarily live? Community/town/village					

Ethnic group codes

0	AKAN	40	GUAN	7	GRUSI
0.1	Agona	4.41	Akpafu, Bowiri, Buem, Likpe,Lolobi,Santrokofi	7.71	Kasena (Paga)
0.2	Ahafo	4.42	Avatime, Logba, Nyongbo, Tafi	7.72	Mo
0.3	Ahanta	4.43	Awutu, Efutu	7.73	Sisala
0.4	Akuapem	4.44	Cherepong, Adukrom, Anum, Larteh	7.74	Vagala
0.5	Akwamu	4.45	Gonja	7.75	Other Grusi (eg. Lela, Templensi)
0.6	Akyem	4.46	Nkonya		
0.7	Aowin	4.47	Yefi, Achode, Krachi, Nawuni, Nchumuru	8	MANDE
0.8	Asante	50	GURMA	8.81	Busanga
0.9	Asen (Assin)	5.51	Bimoba	8.82	Wangara (Bambara, Dyula & Madingo)
1.0	Boron (Brong) [including Banda]	5.52	Frafra/Talensi		
1.1	Chokosi	5.53	Kokomba	9	ALL OTHER TRIBES
1.2	Denkyira	5.54	Kyamba (Tchamba)	990	All other tribes originating from Ghana
1.3	Evalue	5.55	Pilapila	9.91	All other tribes originating from other West Africa countries
1.4	Fante	5.56	Salfalba (Sabulaba)		
1.5	Kwahu	5.57	Wali, Birifor, Dagaare		
1.6	Nzema	6.61	6. MOLE-DAGBANI Builsa (Kangyaga or Kanjaga)	9.92	All other tribes originating from other African countries
1.7	Sefwi	6.62	Dagarte (Dagaba), Lobi		
1.8	Wasa	6.63	Dagomba	9.95	Other (specify)
		6.64	Kusasi		
20	GA-DANGBE	6.65	Mamprusi		
2.1	Dangme (Ada, Krobo, Manya, Shai, Yilo)	6.66	Namnam (Nabdom)		
2.2	Ga	6.67	Nankani and Gurense		
		6.8	Nanumba		
30	EWE	6.69	Walba (Wala)		

Section 3 – Household Assets

3a. Farm Assets

3ai. Animal

0. Does your household own livestock that it uses for production or for food?

1. Yes 5. No >> Part A ii.

	A. Draught animal (donkey, horse, bullock)	B. Cattle	C. Sheep	D. Goats	E. Pigs	F. Rabbits	G. Chickens/ Roosters	H. Other 1	I. Other 2	J. Other 3
1. How many (...) are currently possessed by people in this household? 1. Number (If zero, next animal)										
2a. Who in the household owns this animal. Select IDs of members up to 2 26..... Owned by whole household										
2. What is the current value of these animals, if you sold all of them? Gh Cedis and pesewas										
3. In the last 12 months, have you spent money to maintain this animal? 1. Yes 5. No >> 6										
4. How much have you spent on <u>fodder/ feed produced outside your home</u> in the last 12 months? 1 Gh Cedis and pesewas										
5. How much has been spent on <u>veterinary expenses</u> for (...) in the last 12 months? 1 Gh Cedis and pesewas										
6. How much has been spent on <u>enclosure, shelter, restraint and related expenses</u> for (...) in the last 12 months? 1 Gh Cedis and pesewas										
7. How much has been spent on <u>hired labor</u> to maintain (...) in the last 12 months? 1 Gh Cedis and pesewas										
8. How much has been spent on <u>access to water</u> to maintain (...) in the last 12 months? 1 Gh Cedis and pesewas										
9. How much has been spent on <u>other expenses</u> to maintain (...) in the last 12 months? 1 Gh Cedis and pesewas										
10. What is the value of <u>fodder/feed produced within your home</u> in the last 12 months?										

Section 2: Non-Resident Relatives and Spouses

	A. Draught animal (donkey, horse, bullock)	B. Cattle	C. Sheep	D. Goats	E. Pigs	F. Rabbits	G. Chickens/ Roosters	H. Other 1 _____	I. Other 2 _____	J. Other 3 _____
1 Gh Cedis and pesewas										
11a. How many (...) have you sold in the last 12 months? Write Number										
12. How much revenue have you earned from sales of (...) and (...) products in the last 12 months?	Next Animal	Next Animal	Next Animal	Next Animal	Next Animal	Next Animal	Next Animal	Next Animal	Next Animal	Next Animal
Are there any other animals owned by your household or by someone in your household that are used for production or for food? 1. Yes (section for other is enabled) 5. No. >> end of section.										

3a.iii. Tools

Q.13a. Tool item.	Number	Q13b. Who owns this item? Choose up to 2 individuals (IDs). 26- Whole household	Q13c. What is the current value this item (Ghana cedis)
1. How many 2-wheel tractors are currently possessed by people in this household? Number (next tool if 0)			
2. How many 4-wheel tractors are currently possessed by people in this household? Number (next tool if 0)			
3. How many Cane crushers are currently possessed by people in this household? Number (next tool if 0)			
4. How many Hoes are currently possessed by people in this household? Number (next tool if 0)			
5. How many Axes are currently possessed by people in this household? Number (next tool if 0)			
6. How many Rakes are currently possessed by people in this household? Number (next tool if 0)			
7. How many Shovels are currently possessed by people in this household? Number (next tool if 0)			
8. How many pick (-axes) are currently possessed by people in this household? Number (next tool if 0)			
9. How many sickle/reaping hooks are currently possessed by people in this household? Number (next tool if 0)			
10. How many Harrows are currently possessed by people in this household? Number (next tool if 0)			
11. How many Tillers are currently possessed by people in this household? Number (next tool if 0)			
12. How many Water pumps are currently possessed by people in this household? Number (next tool if 0)			
13. How many Irrigation pipes are currently possessed by people in this household? Number (next tool if 0)			

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14. How many Cutlasses are currently possessed by people in this household? Number (next tool if 0)			
15. How many Trailers / carts are currently possessed by people in this household? Number (next tool if 0)			
16. How many Spraying machines are currently possessed by people in this household? Number (next tool if 0)			
17. How many Outboard motors are currently possessed by people in this household? Number (next tool if 0)			
18. How many Canoes are currently possessed by people in this household? Number (next tool if 0)			
<p>19. How many Ploughs are currently possessed by people in this household? Number (next tool if 0)</p> <p>20. Are there any other tools owned by your household? 1. Yes 5. No</p> <p>If yes what kind of tool is it? Name of tool (After entering the name, then the sequence of number, owners and current values are requested until there is no other tool owned by the household.</p>			

3aiii. Durable goods

	Number	Q13b. Who owns this item? Choose up to 2 individuals (IDs). 26- Whole household	Q13c. What is the current value this item (Ghana cedis)
1. How many Room Furnitures are currently possessed by people in this household? Number (next good if 0)			
2. How many Sewing Machines are currently possessed by people in this household? Number (next good if 0)			
3. How many Stoves (kerosene) are currently possessed by people in this household? Number (next good if 0)			
4. How many Stoves (electric) are currently possessed by people in this household? Number (next good if 0)			
5. How many Stoves (gas) are currently possessed by people in this household? Number (next good if 0)			
6. How many Refrigerators are currently possessed by people in this household? Number (next good if 0)			
7. How many Freezers are currently possessed by people in this household? Number (next good if 0)			
8. How many Air conditioners are currently possessed by people in this household? Number (next good if 0)			
9. How many Fans are currently possessed by people in this household? Number (next good if 0)			
10. How many Radios are currently possessed by people in this household? Number (next good if 0)			
11. How many Radio Cassette Players are currently possessed by people in this household? Number (next good if 0)			
12. How many Record Players are currently possessed by people in this household? Number (next good if 0)			

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0)			
13. How many 3-in-1 radio systems are currently possessed by people in this household? Number (next good if 0)			
14. How many Video Players are currently possessed by people in this household? Number (next good if 0)			
15. How many Desktop Computers are currently possessed by people in this household? Number (next good if 0)			
16. How many Laptop Computers are currently possessed by people in this household? Number (next good if 0)			
17. How many Printers are currently possessed by people in this household? Number (next good if 0)			
18. How many Computer accessories are currently possessed by people in this household? Number (next good if 0)			
19. How many camcorder/video cameras are currently possessed by people in this household? Number (next good if 0)			
20. How many Cameras are currently possessed by people in this household? Number (next good if 0)			
21. How many Irons (electric) are currently possessed by people in this household? Number (next good if 0)			
22. How many Bicycles are currently possessed by people in this household? Number (next good if 0)			
23. How many Motorcycles are currently possessed by people in this household? Number (next good if 0)			
24. How many Books (Textbooks) are currently possessed by people in this household? Number (next good if 0)			
25. How many Cell (mobile) Phone handsets are currently possessed by people in this household? Number			

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(next good if 0)			
26. How many Telephone (Fixed lines) are currently possessed by people in this household? Number (next good if 0)			
27. How many TVs are currently possessed by people in this household? Number (next good if 0)			
28. How many Parabolic satellites are currently possessed by people in this household? Number (next good if 0)			
29. How many Blenders are currently possessed by people in this household? Number (next good if 0)			
30. How many VCD/DVD Players are currently possessed by people in this household? Number (next good if 0)			
31. How many Washing machine or Driers are currently possessed by people in this household? Number (next good if 0)			
32. How many Lanterns/ gas lights are currently possessed by people in this household? Number (next good if 0)			
33. How many Buckets are currently possessed by people in this household? Number (next good if 0)			
34. How many Motor-driven lawn mowers are currently possessed by people in this household? Number (next good if 0)			
35. How many Electric Power Generators are currently possessed by people in this household? Number (next good if 0)			
36. How many Cars are currently possessed by people in this household? Number (next good if 0)			
37. How many Trucks are currently possessed by people in this household? Number (next good if 0)			
38. How many musical instruments are currently possessed by people in this household? Number (next			

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good if 0)			
39. How many Game cards (chess, ludo, etc) are currently possessed by people in this household? Number (next good if 0)			
40. How many Toys are currently possessed by people in this household? Number (next good if 0)			
41. How many Cutlery/ Utensils are currently possessed by people in this household? Number (next good if 0)			
42. How many Cups and plates are currently possessed by people in this household? Number (next good if 0)			
43. How many Torches are currently possessed by people in this household? Number (next good if 0)			
44a. How many Lands (non-farm and non-housing) are currently possessed by people in this household? Number (next good if 0)?			
44b. How many Land (housing) are currently possessed by people in this household? Number (next good if 0)			
44. Are there any other durable goods owned by your household or someone in your household? 1.Yes 5.No			
If yes what kind of durable good is it? Name of durable goods (After entering the name, then the sequence of number, owners and current values are requested until there are no other goods owned by the household.			

3bi. Financial Assets

i. Borrowing

0. Does anyone in this household currently owe money or goods to other people or have outstanding loans from banking institutions?
 1. Yes 5. No >>Part B ii.

Enumerator: Include only loans that the household has borrowed but not fully repaid. List the loans in order of date borrowed (that is, the older debts first before the newer debts)

	A. Debt 1	B. Debt 2
2. Who is the household member who owns this debt? Name and ID		
1. Is Name the person who actually answered these questions? 1. Yes 5. No		
2a. When was this loan borrowed? 1. Year		
3b. When was this loan borrowed? Month (1 for Jan, 2 for February in that order)		
4. What is the source of this loan? 1. State bank - SB 2. Private bank - PB 3. Cooperative - CO 4. Govt. agency - GO 5. NGO -- NG 6. Business firm - BF 7. Employer - EM 8. Moneylender - ML 9. Trader - TR 10. Farmer - FA 11. Relative / neighbor / friend - RN 12. Community epicenter - CE 95. other (specify) – OT		
5. For what purpose was the loan contracted? Circle all that apply 1. Agricultural land / equipment - AG 2. Agricultural inputs - AI 3. Business- BU 4. Housing - HO 5. Education / training -- ED 6. Health - HE 7. Ceremonies (weddings, funerals, etc.) - WE 8. Vehicle - VE 9. Other consumer goods- CG 95. Other (specify) – OT		
6. What kind of guarantee was required by the lender? Circle all that apply 0. None - NO 2. Land - LA 3. Cattle - CA 4. House / building - HO 5. Employer - EM 6. Relatives - RE 7. Non-relatives - NR		

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	A. Debt 1	B. Debt 2
95. Other (specify) – OT		
14. What was the amount requested for the loan? Ghana cedis and pesewas		
7. What is the principal amount of this loan? Ghana cedis and pesewas		
17. How many months was Name given to repay the loan in full? Enter -1 if no set amount of time.		
9. Do you have to pay interest on this loan? 1. Yes 5. No>>10		
I will now ask some questions about interest on the loan. 9a. Would you prefer to answer in percent interest (ie.30% per ... or in amount interest (ie 20 Ghc per ...? 1. Percent (%) 5. Amount (GHS)		
9b. Was the interest quoted to you as per month or per year? 1. Per month 5. Per year>>Q9d If 9a is 5. Amount>>9e after any response in this question		
9c. What is the interest per month?		
9d. What is the percent of interest per year?		
9e. What is the amount of interest that was to be paid in the last 12 months?		
8. How often were you required to make payments? 1. Daily 2. Weekly 3. Monthly 4. Quarterly 5. Not Regular 6. Other Specify.		
9. For each payment period, how much were you required to pay? Gh Cedis& Pesewas		
10. What is the amount paid back on this loan last 12 months? Gh Cedis& Pesewas		
11. What is the outstanding amount of loan? Gh cedis& pesewas		
Are there any other loans currently owed by household members that have not been fully repaid? 1. Yes. 5. No If yes, then the sequence of questions about the loan is repeated. If no, then next section.		

<p>16. Why do you think the loan was refused? >> 13 Could not provide collateral.....1 Loan amount too big.....2 Could not provide guarantor.....3 Previous debt problems.....4 Inappropriate purpose.....5 Awaiting reply.....6 Could not meet some other banking requirements.....7 Other (specify).....8</p>		
<p>8. What is the principal amount of this loan? Ghana Cedis</p>		
<p>17. How many months was Name given to repay the loan in full? Enter -1 if no set amount of time.</p>		
<p>9. Do you or did you have to pay interest on this loan? Yes.....1 No.....5</p>		
<p>I will now ask some questions about interest on the loan. 9a. Would you prefer to answer in percent interest (ie.30% per ... or in amount interest (ie 20 Ghc per ... ? 1. Percent (%) 5. Amount (GHS)</p>		
<p>9b. Was the interest quoted to you as per month or per year? 1. Per month 5. Per year>>Q9d If 9a is 5. Amount>>9e after any response in this question</p>		
<p>9c. What is the interest per month?</p>		
<p>9d. What is the percent of interest per year?</p>		
<p>9e. What is the amount of interest that was to be paid in the last 12 months?</p>		
<p>12. How often were you required to make payments? 1. Daily 2. Weekly 3. Monthly 4. Quarterly 5. Not Regular 6. Other Specify.</p>		
<p>13. For each payment period, how much were you required to pay? Gh Cedis& Pesewas</p>		
<p>14. What was the total amount paid back on this loan? Gh Cedis& Pesewas</p>		
<p>13, Are there any other loans that were attempted but denied or that were contracted but been fully repaid? 1. Yes. 5. No If yes, then the sequence of questions about the loan is repeated. If no, then next section.</p>		

3bii. Lending

15. Is anyone in this household currently owed money or goods?	1. Yes 5. No >> part Biii
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	Credit 1	Credit 2
16. Who is the household member to whom this debt is owed? Names appear for selection		
17. Who is the person who actually answered these questions? Names appear for selection		
18. To whom was this loan given? 1. Employee - EM 2. Tenant - TE 3. Relative - RE 4. Neighbor / friend - NF 95. other (specify) - OT		
19. When was this loan made? 1. Year 2. Month 3. Day		
20. What kind of guarantee was required from the borrower? 1. None - NO 2. Land - LA 3. Cattle - CA 4. House / building - HO 5. Employer - EM 6. Relatives - RE 7. Non-relatives - NR 95. Other (specify) – OT		
21. What is the principal amount of this loan? Gh Cedis& Pesewas		
22. Does this loan receive interest? 1. Yes 5. No >>Q23		
I will now ask some questions about interest on the loan. 22a. Would you prefer to answer in percent interest (ie.30% per ... or in amount interest (ie 20 Ghc per ...?) 1. Percent (%) 5. Amount (GHS) >>22c		
22b. What is the percent of interest per year?		
22c. What is the amount of interest that was to be paid in the last 12 months?		
23. What is the amount paid back on this loan last 12 months? Gh Cedis& Pesewas		
24. What is the outstanding amount of this loan? Gh Cedis& Pesewas		
Are there any other debts (of goods or money) owed to members of this household? 1. Yes 5. No. If yes, then the sequence of questions about the debts is repeated. If no, then next section.		

3biii. Out-transfers

25. Is there anyone (including household members) who do not currently live in this household to whom this household has sent money, goods or gifts in the last year without expecting to be repaid? 1. Yes 5. No >> Next Section Biv

	Payment 1	Payment 2
26. Who is the household Member who sent the money/goods/gifts? Names appear for selection		
Is Name the person who actually answered these questions? 1. Yes 5. No		
28a. Is the recipient a spouse of a household member? 1. Yes 5. No If yes, the list of absent spouses appear for selection		
28b. Is the recipient a blood relative of a household member? 1. Yes 5. No If yes, the list of relatives appear for selection		
29. What is the name of the recipient?		
30a. Where does he/she live? Region		
30b. Where does he/she live? District		
30c. Where does he/she live? Community/town/village name		
27. Were these remittances made on a regular basis? 1. Daily 2. Weekly – WE 3. Monthly – MO 4. Quarterly – QU 5. Not regular – NO 6. Other, specify		
28. What were the three main reasons for this transfer? Circle not more than three 1. Daily consumption –DC 2. Housing – HO 3. Business – BU 4. Savings – SA 5. Education – ED 6. Health – HE 7. Funeral – FU 8. Other ceremony – OC 9. Agriculture – AG 95. Other, (specify)		
29. What was the total amount of cash given to this person in the last 12 months? Gh Cedis& Pesewas		
30. What was the total value of food given to this person in the last 12 months? Gh Cedis& Pesewas		
31. What was the total value of other goods given to this person in the last 12 months? Gh Cedis& Pesewas		

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	Payment 1	Payment 2
32. Through what means did you send these remittances? 1. Bank account -- BA 2. Money transfer agency -- MT 3. Sender him or herself -- SE 4. Carried by someone else -- CC 5. Personal check -- PC 6. Cell phone transfer -- CP 95. Other, specify		
Is there anyone else to whom this household has sent money, goods, gifts in the last year without expecting to be repaid? 1. Yes 5. No If yes, then the sequence of questions about out-transfers is repeated. If no, then next section.		

3biv. In-transfers

33. Is there anyone (including household members) who does not currently live in this household from whom this household has received money or goods in the last year that you will not pay back? 1. Yes 5. No >> part Bv
Note to Surveyor: To the extent possible, each line should contain a transfer from one person to one person. For example, if someone sent a transfer to two people in the household, that should be two separate entries. If the transfer was really intended as general for the household and not one person, then select 26. Whole household as the recipient.

	Receipt 1	Receipt 2
34. Who is the household member who received the money/good/gifts? Names appear for selection		
Is the recipient the person who actually answered these questions? 1. Yes 5. No		
28a. Is the sender a spouse of a household member? 1. Yes 5. No If yes, the list of absent spouses appear for selection		
28b. Is the sender a blood relative of a household member? 1. Yes 5. No If yes, the list of relatives appear for selection		
41. What is the name of the sender?		
42a. Where does he/she live? Region		
42.b Where does he/she live? District		
42.c Where does he/she live? Community/town/villages		
43. Were these remittances made on a regular basis? 1. Daily 2. Weekly – WE 3. Monthly – MO 4. Quarterly – QU 5. Not regular – NO 6. Other, specify		
35. What were the three main reasons for this transfer? (Circle not more than three) 1. Daily consumption –DC 2. Housing – HO 3. Business – BU 4. Savings – SA 5. Education – ED 6. Health – HE 7. Funeral – FU 8. Other ceremony – OC 9. Agriculture – AG 95. Other, specify		
36. What was the total <u>amount of cash</u> received from this person in the last 12 months? Gh Cedis& Pesewas		
37. What was the total value of food received from this person in the last 12 months? Gh Cedis& Pesewas		
38. What was the total value of other goods received from this person in the last 12 months? Gh Cedis& Pesewas		
39. Through what means did you receive these remittances? 1. Bank account -- BA 2. Money transfer agency – MT 3. Sender him or herself – SE 4. Carried by someone else – CC 5. Personal check – PC 6. Cell phone transfer – CP		

Section 2: Non-Resident Relatives and Spouses

	Receipt 1	Receipt 2
95. Other, specify		
<p>Is there anyone else who has sent money, goods, gifts to members of this household in the last year without expecting to be repaid? 1. Yes 5. No</p> <p>If yes, then the sequence of questions about in- transfers is repeated. If no, then next section.</p>		

3bv. Savings

40. Do any household members have any form of savings? 1. Yes 5. No >> Next section

	Savings 1	Savings 2
Who is the household member to whom this savings account belongs to? Names appear for selection		
Is the owner the person who actually answered these questions? 1. Yes 5. No.		
41. Does this HH member have any savings that are kept at home (i.e. not in a bank or Susu)? 1. Yes 5. No >>43		
42. What is the amount that Name have saved at home? Gh Cedis& Pesewas		
43. Does Name have any savings kept with a banking institution, <i>susu</i> or any other saving society/group? 1. Yes 5. No >>Next Section		
44. At which institution is this account? (Names of financial institutions collected during the community survey appears for selection)		
45. What is the current balance? Gh Cedis& Pesewas		
57. Are these savings through a susu collector or savings society? 1. Yes 5.No >>Next Savings		
46. How many contributions have you made in the last 30 days? 1. Number		
59. How much is your average monthly contribution? Gh Cedis and Pesewas		
47. For what purpose are you saving through the susu or the savings group/society? 1. Build capital to start a business 2. Support a household member 3. Make money available for own funeral 4. Prepare for unexpected events such as accidents, death of relation, etc 5. 95. Other (specify)		
48. Why do you use a <i>Susu</i> Collector rather than a bank? (CIRCLE ALL THAT APPLY) 1. Saves time 2. Transaction is less cumbersome 3. Proximity 4. Knows the collector personally 5. Will be able to collect loan easily from <i>susu</i> collector 6. Service charges are minimal 7. Little or no minimum deposit with <i>susu</i> 95. Other (specify):		
Are there any more savings accounts held by household members? 1. Yes 5.No If no, then skip to next section. If yes, then sequence of questions about savings start again.		

Section 2: Non-Resident Relatives and Spouses

Part A: Land Information – supposed to be asked to everyone who has a plot of land.

- i. Background
- ii. Size
- iii. Fallow, soil type, irrigation
- iv. Investment, ownership, rental status
- v. Crops produced
- vi. Chemical inputs, seeds
- vii. Tractor Use
- viii. Seeds/Seedlings
- ix. Labour Inputs

Part B: Crop Sales and Storage

- i. Revenues from crop production
- ii. Crop stores

Section 2: Non-Resident Relatives and Spouses

SECTION H: PLOTS

Please, let us discuss the plots that you farm or have the right to farm.

Definition of primary decision maker for a plot:

1 Determines which crops to plant on the plot

2 Is financially responsible for the plot

3 If a plot is intercropped, the person responsible for the main crop (not intercrop) is the primary decision maker

4 If a plot is shared (NOT INTERCROPPED) within household members, whoever cultivates the most acres is the primary decision maker

5 If a plot is shared (NOT INTERCROPPED) with someone outside the household, whoever is in the household is the primary decision maker

S4Q00. Do any members of this household currently own a plot, or have any members of this household cultivated a plot in the last year?

H1	H2	H3	
	<i>Please give us a name for this plot that we can use to identify it on a later time (Blaise preloads plot names)</i>	Who is the primary decision maker for this plot? (Names appear for selection)	Are there any more plots owned or cultivated by members of your household that were not included in this list? 1. Yes 5.No
A			
B			
C			
D			
E			
F			
G			
H			
I			
J			

H4	<p>PROMPT: Have you included any outside garden(s) ?</p> <p>1. Yes I included them</p> <p>3.No, there are none</p> <p>5. I forgot, I need to add them</p>	
H5	<p>PROMPT: Have you included any of your plot(s) that anyone (including family outside this household, friends, neighbors or people outside your community) begged you to cultivate this year?</p> <p>1. Yes I included them</p> <p>3.No, there are none</p> <p>5. I forgot, I need to add them</p>	
H6	<p>PROMPT: Have you included any other plot(s) which you or a member of your household have begged to farm but do not own or have the long-term right to farm?</p> <p>1. Yes I included them</p> <p>3.No, there are none</p> <p>5. I forgot, I need to add them</p>	
H7	<p>PROMPT: Have you included any other plot(s) which you or a member of your household own or have the right to farm, but you or a member of your household are not currently cultivating?</p> <p>1. Yes I included them</p> <p>3.No, there are none</p> <p>5. I forgot, I need to add them</p>	

Section 2: Non-Resident Relatives and Spouses

	H8a	H8	H9	H10	H11	H12	H13	H15	H16	H17a	H17	H18	H19a	H19	H20
Plot ID	What unit do you use to measure this plot? 1--- Acre 2---- Poles 3---- Robes 4----- Plots 95---- Other	What is the approximate size, in unit chosen, today, of this ENTIRE PLOT, including portions that are uncultivated or being farmed by someone outside your household?	Compared to the comparison plot, is this plot bigger, smaller or the same size? 1...bigger than the test plot >>10 2...smaller than the test plot >>11 3...about the same as the test plot >>12	How many of the comparison plot can fit inside this plot	How many of this plot can fit inside the comparison plot	Considering this entire plot, how many of the chosen units did you leave fallow or uncultivated during the last (2013) farming season?	If H12 > 0 Why did you leave some or all of this plot fallow or uncultivated during the last (2013) farming season? (Select all that apply) 1 Erosion control 2 Weed control 3 Pest/disease control 4 Soil nutrient replenishment 5 Lack of labor 6 Lack of inputs 7.Other (SPECIFY)	Did you (or someone in your household) cultivate this plot during the last (2013) farming season? 1= Yes, whole plot 2= Yes, part of plot 3= No (->H17)	How many units chosen of this plot did you or a member of your household CULTIVATE during the last (2013) farming season?	How many crops were grown on this plot during the last farming season? (this included tree crops still growing, cassava that was planted a year ago etc. Also intercropped crops	What crops did you grow on this plot during the last farming season (2013)? Select all that apply. See code book	What was the <u>main</u> crop grown on this plot during the last farming season? The crops selected in H17 appear for selection	How many crops were intercropped on this plot during the last farming season?	Which crop(s) were intercropped on this plot during the last farming season?	Which person in your household works to intercrop on this plot? Names appear for selection
A															
B															
C															
D															

Section 2: Non-Resident Relatives and Spouses

TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

	H21	H22	H23	H24	H25	H26a	H26	H27	H28	H29	H30	H31	H32	H33	H34		
Blaise names	How would you describe the soil of this plot? See codes below. (Select all answers which apply) 1 Moist 2 Dry 3 Loamy 4... Rocky/gravelly 5 Sandy 6 Silty 7 Clay-filled 8 Packed/dense 9 Drains poorly 10 Drains well 11 Exhausted 12 Other.	How wet is this land compared to other lands in your community? 1....more wet 2....less wet 3...About the same	Is the soil on this plot deep or shallow? Deep.....1 Shallow..2	How deep is the soil? 1... Up to one foot 3....One to three feet 5....More than three feet	What is the main color of the soil? 1.Red 2.Black 3.Grey 4.Yellow 5.Brown 6.White	Does it take this plot hours, days or weeks to drain after rainfall? 0.None 1.Minutes 3.Hours 5. Days 7. Weeks	How many units chosen in H26a does it take to drain after rain fall? Number	Is the land watered from a source other than rain water? 1.Yes 5. No >>H32	What is your primary source of watering? 1.... Well 2... Borehole 3.... Pond/tank 4... Weir 5...River, stream 95. Other (specify)	Is this source of water ever dry? 1.Yes 5.No	In what month does it usually become filled? Select all that apply.	In what month does it usually become dry? Select all that apply.	Can you walk to this plot from here? 1.Yes 5. No	How far is this plot from your home? 1.Yes 5. No	(If distance is greater than 5 miles in H16), Where is this plot located?		
															1-Jan, 2-Feb, 3-March,4-April,5-May 6 June, 7-July, 8- August, 9-September, 10-October, 11-November , 12-December .	Distance in miles	Region
A																	
B																	
C																	
D																	

Section 2: Non-Resident Relatives and Spouses

SECTION I: LAND TENURE

	I1	I2	I3	I4	I5	I6	I7	I8	I9	I10
	How did you obtain this plot, or gain the right to farm this plot? 1 Purchased 2 Inherited from deceased family member 3 Rented (for cash or kind), or sharecropped 4 Allocated free of charge 5. Begged 6. Borrowed 95. Other (Specified)	From whom did you obtain this plot when you began to use or own it? 1 – Member of this household 2 – Other relative 3 - Chief 4 – Other non relative 95 - Other	IF I2=1 Which household member did you obtain this plot from? <i>Names appear for selection</i>	For how many years have you been farming this land, or had the right to farm it?	Could you leave the land fallow for a period of several months without being worried about losing it? 1. Yes 5. No	How long do you think you could leave the land alone without losing it? 1...Less than 6 months 2.....6 to 12 months 3...More than 12 months 4.....More than 2 years 5.....Indefinitely	How or why might you lose the land? 1.... I would lose title to the land. 2... Land would be given to somebody else. 3... Somebody else would start to use the land. 95... Other (SPECIFY)	Have you had a dispute with someone over this land in the past 12 months? 1. Yes 5. No	What was the nature of the dispute? 1...Boundaries of land 2....Multiple claims to land 3.....Breach of contract by former owner 4.....Breach of contract by potential buyer 95.....Other Specify	What was your relationship to the person with whom you had the dispute? >> I18 if I1=3 >> I30 if I1=4 1.... Relative or family member 2.... Member of this community 3... Member of another community 4.... A state or government body 5.... A business or company 6..... Chief
A										
B										
C										
D										

Section 2: Non-Resident Relatives and Spouses

SECTION I: LAND TENURE, CONTINUED

To be answered for all plots which were purchased (I1 = 1):								
	I11	I12	I13	I14		I15	I16	I17
	How many years ago was this plot purchased?	Did you pay in cash or in kind for this plot, or both? 1....Cash 5....In-kind 7.....Both	(If I12 = Cash) How much cash did you pay in total for this plot when you began to own it? GHC	How did you finance this plot purchase? See codes below >>I32		(If I12 = In-kind) What is the approximate total value of the in kind contribution that you gave when you began to own this plot? GHC	Is any amount currently outstanding on the purchase of this plot? 1.Yes 5.No	What is the amount which is outstanding on the purchase of this plot? GHC. IF IN-KIND CONVERT TO MARKET VALUE TODAY
A								
B								
C								
D								
E								

Codes for I14 and I26:

- | | | |
|--|---|---|
| 1..... Funded from regular household income (cash at home) | 9 Borrowed from a trader or shopkeeper (eg goods purchased on credit) | 15 Borrowed from a government or district body |
| 2.... Sold crops or other stored agricultural produce | 10 Borrowed from a private moneylender | 16 Gift from friends or family |
| 3.... Used savings | 11 Borrowed from employer | 17 Gift from an institution (governmental body, religious organisation, or NGO) |
| 4... Did extra work for more wages | 12 Borrowed from a bank or other formal financial institution | 18 Other |
| 5... Sold livestock | 13 Borrowed from a microfinance institution | |
| 6... Sold other property | 14 Borrowed from a non-governmental organisation (NGO) | |
| 7... Borrowed from friends or family | | |
| 8 ...Borrowed from a community cooperative organization | | |

SECTION I: LAND TENURE, CONTINUED- To be answered for plots that are rented or sharecropped (but belonging to other non-household member (I1 = 3):													
Plot names	FOR ALL PLOTS RENTED OR SHARECROPPED (I1=3)	IF I18=1				IF I18=2			FOR ALL PLOTS RENTED OR SHARECROPPED (but belonging to others) (I1=3)				
	I18	I19	I20	I21	I22	I23	I24		I25	I26	I27	I28	I29
	Is the payment you make on this plot in-kind, cash, or both? In-kind payment includes sharecropping. 1....Cash 5....In-kind 7.....Both	How much was the annual rental value IN CASH of this plot at the time of the agreement (does NOT include in-kind payment or sharecrop)? New GHC	How many years or months does the rental agreement for this plot cover? Time unit 1.Years 2. Months	How many years ago was the rental agreement for this plot made?	How much of the agreed rent has been paid to date? >>I26	Is a share of the produce from this plot due to the landlord (i.e. as a sharecrop)? 1.Yes 5. No >>I23	What proportion of the crops from this plot is due to the landlord? 1---Two thirds (2/3) 2-- Half (1/2) 3--- One third (1/3) 4---One quarter (1/4) 5----One fifth (1/5) 95----Other (SPECIFY)		What is the value of goods in-kind (NOT INCLUDING SHARECROP) transferred annually to the landlord (enter 0 if no other goods in-kind are paid to landlord) New GHC	How have you financed the rent payments for this plot? See codes above, Select all that applies code If other specify	In the last 12 months, has the landlord provided any inputs for this plot? 1= Yes 2= No (-> I29)	What was the value of the inputs that the landlord provided for this plot in the last 12 months? New GHC	Does [the person named in H3] make all the farming decisions about this plot? 1.Yes 5. No >>I32
A			Number	Time Unit									
B													
C													
D													
E													

SECTION 1: LAND TENURE, CONTINUED- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

	To be answered for plots that were allocated free of charge to respondent (I1 = 4):		To be answered for plots that were begged to respondent (I1=5)		To be asked of all plots		To be answered if the plot was farmed by somebody outside the household in the last farming season (I31 = Yes):				
	I30		I31		I32	I33	I34	I35		I36	I37
Plot Names	What qualifies (or qualified) you to be allocated this plot free of charge? 1 Lineage (living) 2 Member of the community, including unrelated to the chief 3 Friend of owner 4 Employee of owner 5 Someone in the community vouched for me 95 Other (SPECIFY) (questions is skipped if from household member)		What qualifies (or qualified) you to beg this plot? 1 Lineage (living) 2 Member of the community, including unrelated to the chief 3 Friend of owner 4 Employee of owner 5 Someone in the community vouched for me 95 Other (SPECIFY) (questions is skipped if from household member)		Does the household have the right to sell this plot or use it as collateral for security? 1.....can sell 2....Can use for collateral 3..... Both 0.....Neither	Was this plot farmed by somebody outside your household in the last farming season (e.g. sharecropped, rented out, or allocated to another person)? 1.Yes 5. No >>I47	For how many years has this land been farmed by somebody outside the household?	How many chosen unit of this ENTIRE PLOT were <u>CULTIVATED</u> by someone else this year?		What is the main reason you decided to rent out or sharecrop this land? 1 Needed money 2 Plot was undesirable 3 Did not want to continue farming 4 Already had enough land 5 Wanted to help the recipient 6 Other (SPECIFY)	Do you allow the tenant/recipient to make all the farming decisions about the land? 1.Yes 5. No
							Number of years				
A											
B											
C											
D											
E											

SECTION I: LAND TENURE, CONTINUED- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY									
To be answered if the plot was farmed by somebody outside the household in the last farming season (I27 = Yes):									
	I38	I39	I40	I41	I42	I43	I44	I45	I46
	Under what type of contract has the land been given out to its current user? 1 Rented 2 Sharecropped 3 Begged 4 Borrowed 5 Mortgaged 6 Other (SPECIFY	Was there a formal contract at the time when you first gave out the land to the current user? 1 Yes, there was a formal written contract 2.... No, it was a verbal agreement 95..... Other (SPECIFY	What was the duration of the contract or agreement when you first gave out the land to the current user? 1 No fixed duration 2 Fixed for one season 3 Fixed for one year 4 Multiple years 5 Other (SPECIFY)	What is your relationship with the current user of the land? 1 Relative 2 Friend 3 Landlord 4 Another member of this community 5 Another person outside the community	During the last 12 months, what is the value of inputs you provided for this land?	During the last 12 months have you received any income or any of the produce from this land? 1... Yes , received rental income 2... Yes received a share of the produce (>> I45) 3... Yes, received other goods in kind (>> I46) 5... No	IF I43=1 During the last 12 months, how much rent did you receive for this land?	IF I43=2 What proportion of the crops produced comes to you? 1 Two thirds (2/3) 2 Half (1/2) 3 One third (1/3) 4 One quarter (1/4) 5 One fifth (1/5) 6 Other (SPECIFY)	IF I43=3 What is the value of the goods in kind you have received in return for this land? (GH¢)
A									
B									
C									
D									
E									

Section 2: Non-Resident Relatives and Spouses

SECTION I: LAND TENURE, CONTINUED						
To be asked about all plots						
	I47	I48		I49	I50	I51
<i>plot names</i>	Have you made any improvements on this plot in the past 3 years, including irrigation related? 1..... Yes 5.. No (-> I49)	What are the most important improvements you have made? See codes below. Select all which apply. You may use the list to prompt the respondent		Have you planted any trees on this plot in the past 3 years? 1..... Yes 5..... No (-> I51)	How many trees have you planted on this plot in the past 3 years? Number of trees	Has this plot been burned in the past 3 years? 1 Yes 3 Partially 5. No
			(If OTHER, please specify.)			
A						
B						
C						
D						
E						

- | | | |
|--|---|---|
| <p>Codes for I48:</p> <ul style="list-style-type: none"> 1 Levelling the terrain 2 Terracing 3 Bunding for soil and water conservation 4 Mulching 5 Fencing 6 Reclamation 95. Other (SPECIFY) | <ul style="list-style-type: none"> 7... Performs crop rotation 8..... Digging a well 9.... Digging a pond 10.... Deepening a well 11.... Any irrigation related investments 12..... Improving buildings or other structures | <ul style="list-style-type: none"> 13. |
|--|---|---|

SECTION J: TRACTOR AND PLOUGH USE

READ: Now I'd like to ask you about your farming activities in the last farming season (2012). Let's start with ploughing.

		If J3 = 1 or 2											
	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13
Plot ID	Did you use a tractor or bullock on this plot, at any time this past farming season, from land preparation to post-harvest, whether operated by anyone, including yourself, a relative, a friend, a communal laborer, a hired laborer, or traveling tractor or bullock man? 1..Yes 5..No>>J3	Did you use a tractor or bullock during any of the following farming stages? Select all that apply. 1 Clearing /land prep 2 Ploughing 3 Planting 4 Fertilizer application processing 5 Weeding 6 Harvesting 7 Post-harvest	Did you use a tractor, a bullock, or a hoe and your own hands to plough this plot? LOGIC CHECK WITH J1 Select one. 0. Did not plow (->next plot 1 Tractor 2 Bullock 3 Hoe/hands	When did you begin ploughing this plot for the 2013 season? Month, and Day	Who OWNED the tractor or bullock used during the ploughing stage on this plot? 1 Self 2 Family member/friend 3 Communal labor 4 Hired labor 5 Traveling tractor man 6 Traveling bullock man 7 Other (SPECIFY)	Who OPERATED the tractor or bullock used during the ploughing stage on this plot? 1 Self 2 Family member/friend 3 Communal labor 4 Hired labor 5 Traveling tractor man 6 Traveling bullock man 7 Other (SPECIFY)	If J5 or J6 = 3, 4, 5, 6 or 7 Did any member of your household, including yourself, supervise the ploughing work done on this plot? 1... Yes 5... No (-> J9)	If J7 = 1 Which member of your household supervised the ploughing work done on this plot? Names appear to select	If J5 or J6 = 1 or 2 If you had hired a paid laborer to do the <i>same amount of ploughing work</i> on this plot, how much would it have cost (GH¢) in total?	If J5 or J6 = 4, 5 or 6 Did you pay for the tractor or bullock work during the ploughing stage on this plot? 1 Yes 5.... No (-> next plot)	If J10=1 How did you pay for the tractor or bullock work during the ploughing stage on this plot? 1... Paid cash at ploughing time 2... Paid cash at harvest time 3.... Paid in kind at ploughing time 4.... Paid in kind at harvest time	If J11 = 1 or 2 How much CASH did you pay in total for the tractor or bullock work during the ploughing stage on this plot? This includes the tractor, bullock and labor.	If J11 = 3 or 4 Can you describe what you paid IN-KIND for the tractor or bullock work during the ploughing stage on this plot?
A													
B													
C													
D													
E													

Note: Once this section is started, no changes can be made to section H, especially about which crops are correct.

SECTION K: SEEDS (PLOT A) - TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

READ: Also I'd like to ask about the seeds you used for planting in the last major farming season (2013). First, I'd like to ask you about the seeds you used on PLOT A.

	K1	K2	K3	K4	K5a	K5
Crop Type (Crops from section H gets filled in automatically)	<p>How did you obtain the seeds of CROP TYPE which you planted on PLOT A in the last farming major season? Select all which apply.</p> <p>0.....No seeds used 1.....Seed from own harvest 2.....Purchased from shop in town 3.....Purchased from local villages seller 4.....Exchanged 5.....Borrowed (loan) seeds or cash 6.....Gift 7...Organization that comes to your village 95. Other Specify</p>	<p>IF K1=7 What organization did you obtain your seeds from? Select up to three</p> <p>1...MOFA 2...CARD 3. SADA 4... ADVANCE 5. Masara N'Arziki 6...SFMC 95. Other specify</p>	<p>Can you describe the type, variety or brand of the seeds you used on PLOT A? Select up to 5</p> <p>1 Obatampa 2 Mamaba 3 Abelehi 4 Okomasa 5 Pro-seed 6 Pannar 53 7 Pannar 12 8 Pioneer 9 Ganorma 10 Wienco 95 Other (SPECIFY)</p>	<p>(If any seeds were purchased) How much did you pay for the seeds you used on PLOT A?</p>	<p>In what unit do you measure your seeds?</p> <p>1...kg 2..sachets (1kg) 3... seed yams 4...cuttings 5...bowls 6...bundles 7...suckers 8...sticks 9...singles 95..other specify</p>	<p>How many UNITS of seeds did you use on PLOT A? <i>Number</i></p>

Section 2: Non-Resident Relatives and Spouses

SECTION K: SEEDS (PLOT B)

	K1	K2	K3	K4	K5a	K5
Crop Type (Crops from section H gets filled in automatically)	<p>How did you obtain the seeds of CROP TYPE which you planted on PLOT A in the last farming major season?</p> <p>Select all which apply.</p> <p>0.....No seeds used</p> <p>1.....Seed from own harvest</p> <p>2.....Purchased from shop in town</p> <p>3.....Purchased from local villages seller</p> <p>4.....Exchanged</p> <p>5.....Borrowed (loan) seeds or cash</p> <p>6.....Gift</p> <p>7 ...Organization that comes to your village</p> <p>95. Other Specify</p>	<p>IF K1=7</p> <p>What organization did you obtain your seeds from? Select up to three</p> <p>1....MOFA</p> <p>2...CARD</p> <p>3. SADA</p> <p>4... ADVANCE</p> <p>5. Masara N'Arziki</p> <p>6...SFMC</p> <p>95. Other specify</p>	<p>Can you describe the type, variety or brand of the seeds you used on PLOT B? Select up to 5</p> <p>1 Obatampa</p> <p>2 Mamaba</p> <p>3 Abelehi</p> <p>4 Okomasa</p> <p>5 Pro-seed</p> <p>6 Pannar 53</p> <p>7 Pannar 12</p> <p>8 Pioneer</p> <p>9 Ganorma</p> <p>10 Wienco</p> <p>95 Other (SPECIFY)</p>	<p>(If any seeds were purchased)</p> <p>How much did you pay for the seeds you used on PLOT B?</p>	<p>In what unit do you measure your seeds?</p> <p>1...kg</p> <p>2..sachets (1kg)</p> <p>3... seed yams</p> <p>4...cuttings</p> <p>5...bowls</p> <p>6...bundles</p> <p>7...suckers</p> <p>8...sticks</p> <p>9...singles</p> <p>95..other specify</p>	<p>How many UNITS of seeds did you use on PLOT B?</p> <p><i>Number</i></p>

Assuming two plots here-plot A and B.

Section 2: Non-Resident Relatives and Spouses

SECTION L: INPUTS -(CHEMICAL)

READ: Now I'd like to ask about chemicals (such as fertilizer, weedicide, pesticide) you used during the last farming season.

L1: In the last major farming season did you apply any chemicals such as fertilizer, weedicide or pesticide to any of your plots?

1= Yes 5= No >> SECTION

L2	L3	L4	L5	L6	L7	L8	L9	L10
What was the first chemical you used during the last farming season (2013)? Names and code appear for selection. (Codes and names in a table below)	What quantity of this chemical did you use during the last farmig season?	What unit is the quantity used? 1. big bag 50kg. 2. small bag (15kg). 3 Litre. 4. Grams	When did you apply this chemical during the last major farming season? Months appear for selection) 13-all year round	How did you obtain this chemical? 1..Purchased from shop in town 2. Purchased from a local village seller 3 Exchanged 4 Borrowed (loan) 5 Gift 6 No chemicals used 7 Organization came to village 95. Other (SPECIFY	If L6=7, which organization did you obtain this chemical from? 1 MoFa 2CARD 3 MazaraN'Arziki 4 ADVANCE 95 Other (SPECIFIY)	What quantity did you purchased for the last farming season?	What unit is the quantity purchased? 1. big bag 50kg. 2. small bag (15kg). 3 Litre. 4. Grams	How did you pay for this chemical? See codes below

Codes for L10:		
1 Funded from regular household income (cash at home)	9 Borrowed from a trader or shopkeeper (eg goods purchased on credit)	15 Borrowed from a government or district body
2 Sold crops or other stored agricultural produce	10 Borrowed from a private moneylender	16 Gift from friends or family
3 Used savings	11 Borrowed from employer	17 Gift from an institution (governmental body, religious organisation, or NGO)
4 Did extra work for more wages	12 Borrowed from a bank or other formal financial institution	18 Borrowed on credit from Masara N'Arziki
5 Sold livestock	13 Borrowed from a microfinance institution	95. Other
6 Sold other property	14 Borrowed from a non-governmentalorganisation (NGO)	
7 Borrowed from friends or family		
8 Borrowed from a community cooperative organization		

Names and code for chemicals in the data

code	name	code	Name	code	Name	code	name
chemical fertilizer		insecticide		weedicide		Other type or brand	
1.1	asasewura	3.11	Akape	6.22	round Up	7.56	makhteshim agan
1.2	muriate of potash	3.12	akate master	6.23	2-4,D	7.57	sidako
1.3	NPK	3.13	cydin super	6.24	glyphosphate	7.58	wienco
1.4	Triple super phosphate	3.14	Detapaz	6.25	gramobest	7.59	YARA
Herbicide		3.15	Dursban	6.26	Nwura wura	7.6	jramanzo
2.5	Bendasin	3.16	Karate	6.27	paraquate	7.61	wynna
2.6	delsate	3.17	Pyrinex	Other type or brand		7.62	conti
2.7	glyphagon	3.18	plan D	7.5	sadut ridomil plus	7.63	deco
2.8	pilasate	organic insecticide		7.51	aglow agric products	7.64	cocofed
2.9	sarosate	4.19	Attack	7.52	agrimate	7.65	ceresoemp
2.1	terbulor	selective weedicide		7.53	arrow	7.95	other specify
		5.2	Atrazine	7.54	dizengoff	7.98	Don't know
		5.21	Sunphosphate	7.55	golden stork		

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

READ: Now I'd like to ask you about how much time you and others spent working on your farms in the last farming season.

Stage 1: Clearing and land preparation

		If M2=1		If M2=2				
11.1	M1	M2	M3	M4	M5	M6	M7	M8
Plot ID	<p>Did you do any clearing or land preparations on this plot before plowing? This includes removing rubbish, rocks, and debris; cutting trees; using a cutlass to clear; and similar activities.</p> <p>(Activities such as plowing, tilling, or mound-making should NOT be included as land preparation)</p> <p><u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u></p> <p>1.Yes 5.No >> next plot</p>	<p>Who worked on this plot during the clearing and land preparation stage? Remember, clearing and land prep includes removing rubbish, rocks, and debris; cutting trees; using a cutlass to clear; and similar activities. NOT plowing, tilling, or mound-making. (Select all that apply)</p> <p><u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u></p> <p><u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u></p> <p>1 Yourself 2 Family, Relatives, or friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)</p>	<p>How many days did you personally work on this plot during the clearing and land preparation stage?</p> <p>Number of days</p>	<p>How many of your family, relatives, and/ or friends worked on this plot during the clearing and land preparation stage?</p> <p>Number of people</p>	<p>How many of your family, relatives, and/ or friends <u>who are women</u> worked on this plot during the clearing and land preparation stage?</p> <p>Number of people</p>	<p>How many of your family, relatives, and/ or friends <u>who are men</u> worked on this plot during the clearing and land preparation stage?</p> <p>Number of people</p>	<p>If M5>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/or friends <u>who are women</u> work on this plot during the clearing and land preparation stage?</p> <p>Number of days</p>	<p>If M6>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/or friends <u>who are men</u> work on this plot during the clearing and land preparation stage?</p> <p>Number of days</p>
A								
B								
C								
D								
E								

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 1: Clearing and land preparation																			
Plot ID	If M2=3							If M2=4							If M2=5				
	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27
	Approximately how many communal laborers worked on this plot during the clearing and land preparation stage?	Approximately how many communal laborers WHO ARE WOMEN worked on this plot during the clearing and land preparation stage?	Approximately how many communal laborers WHO ARE MEN worked on this plot during the clearing and land preparation stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the clearing and land preparation stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE MEN work on this plot during the clearing and land preparation stage?	Did the communal laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the communal laborers? Names appear for selection	Approximately how many hired laborers worked on this plot during the clearing and land preparation stage? <u>HIRED LABOR INCLUDES PAYMENT IN-KIND</u>	Approximately how many hired laborers WHO ARE WOMEN worked on this plot during the clearing and land preparation stage?	Approximately how many hired laborers WHO ARE MEN worked on this plot during the clearing and land preparation stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE WOMEN work on this plot during the clearing and land preparation stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the clearing and land preparation stage?	Did the hired laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the hired laborers? Names appear for selection	Approximately how many other people worked on this plot during the clearing and land preparation stage?	Approximately how many other people WHO ARE WOMEN worked on this plot during the clearing and land preparation stage?	Approximately how many other people WHO ARE MEN worked on this plot during the clearing and land preparation stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE WOMEN work on this plot during the clearing and land preparation stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE MEN work on this plot during the clearing and land preparation stage?
	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M16)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5No (-> M23)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days
A																			
B																			
C																			
D																			
E																			

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR

Stage 2: Plowing									
			If M29=1	If M29=2					
	M28	M29		M30	M31	M32	M33	M34	M35
Plot ID	Did you do any plowing with a hoe on this plot before planting? We are interested in hoe plowing only. This does NOT include using a bullock or tractor.	Who worked on this plot during the plowing stage? Remember, we are interested in hoe plowing only. This does NOT include using a bullock or tractor. <u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u>		How many days did you personally work on this plot during the plowing stage?	How many of your family, relatives, and/or friends worked on this plot during the plowing stage?	How many of your family, relatives, and/or friends WHO ARE WOMEN worked on this plot during the plowing stage?	How many of your family, relatives, and/or friends WHO ARE MEN worked on this plot during the plowing stage?	If M31>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/or friends WHO ARE WOMEN work on this plot during the plowing stage?	If M31>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/or friends WHO ARE MEN work on this plot during the plowing stage?
	1 Yes 5. No (-> next plot)	1 Yourself 2 Relative/friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)	(If OTHER, please specify.)	Number of days	Number of people	Number of people	Number of people	Number of days	Number of days
A									
B									
C									
D									
E									

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR

Stage 3: Planting

			If M56=1	If M56=2					
	M55	M56		M57	M58	M59	M60	M61	M62
Plot ID	Did you do any planting on this plot? <u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u>	Who worked on this plot during the planting stage? <u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u> <u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u>		How many days did you personally work on this plot during the planting stage?	How many of your family, relatives, and/ or friends worked on this plot during the planting stage?	How many of your family, relatives, and/ or friends WHO ARE WOMEN worked on this plot during the planting stage?	How many of your family, relatives, and/ or friends WHO ARE MEN worked on this plot during the planting stage?	If M58>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE WOMEN work on this plot during the planting stage?	If M58>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE MEN work on this plot during the planting stage?
	1 Yes 5 No (-> next plot)	1 Yourself 2 Relative/friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)	(If OTHER, please specify.)	Number of days	Number of people	Number of people	Number of people	Number of days	Number of days
A									
B									
C									
D									
E									

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 3: Planting

Plot ID	If M56=3							If M56=4							If M56=5				
	M63	M64	M65	M66	M67	M68	M69	M70	M71	M72	M73	M74	M75	M76	M77	M78	M79	M80	M81
	Approximately how many communal laborers worked on this plot during the planting stage?	Approximately how many communal laborers WHO ARE WOMEN worked on this plot during the planting stage?	Approximately how many communal laborers WHO ARE MEN worked on this plot during the planting stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the planting stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE MEN work on this plot during the planting stage?	Did the communal laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the communal laborers ?	Approximately how many hired laborers worked on this plot during the planting stage? <u>HIRED LABOR INCLUDES PAYMENT IN-KIND</u>	Approximately how many hired laborers WHO ARE WOMEN worked on this plot during the planting stage?	Approximately how many hired laborers WHO ARE MEN worked on this plot during the planting stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE WOMEN work on this plot during the planting stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the planting stage?	Did the hired laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the hired laborers ?	Approximately how many other people worked on this plot during the planting stage?	Approximately how many other people WHO ARE WOMEN worked on this plot during the planting stage?	Approximately how many other people WHO ARE MEN worked on this plot during the planting stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE WOMEN work on this plot during the planting stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE MEN work on this plot during the planting stage?
	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M70)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M77)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days
A																			
B																			
C																			
D																			
E																			

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 4: Chemical Application									
			If M83=1	If M83=2					
	M82	M83		M84	M85	M86	M87	M88	M89
Plot ID	Did you apply any chemicals on this plot? <u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u>	Who worked on this plot during the chemical application stage? <u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u> <u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u>		How many days did you personally work on this plot during the chemical application stage?	How many of your family, relatives, and/ or friends worked on this plot during the chemical application stage?	How many of your family, relatives, and/ or friends WHO ARE WOMEN worked on this plot during the chemical application stage?	How many of your family, relatives, and/ or friends WHO ARE MEN worked on this plot during the chemical application stage?	If M4.5>0 Approximately how many ON AVERAGE days did EACH OF your family, relatives, and/ or friends WHO ARE WOMEN work on this plot during the chemical application stage?	If M4.5>0 Approximately how many ON AVERAGE days did EACH OF your family, relatives, and/ or friends WHO ARE WOMEN work on this plot during the chemical application stage?
	1 Yes 5. No (-> next plot)	1 Yourself 2 Relative/friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)	(If OTHER, please specify.)	Number of days	Number of people	Number of people	Number of people	Number of days	Number of days
A									
B									
C									
D									
E									

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 4: Chemical Application

Plot ID	If M83=3							If M83=4							If M83=5					
	M90	M91	M92	M93	M94	M95	M96	M97	M98	M99	M100	M101	M102	M103	M104	M105	M106	M107	M108	
	Approximately how many communal laborers worked on this plot during the chemical application stage?	Approximately how many communal laborers WHO ARE WOMEN worked on this plot during the chemical application stage?	Approximately how many communal laborers WHO ARE MEN worked on this plot during the chemical application stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the chemical application stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the chemical application stage?	Did the communal laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the communal laborers ?	Approximately how many hired laborers worked on this plot during the chemical application stage? <u>HIRED LABOR INCLUDES PAYMENT IN-KIND</u>	Approximately how many hired laborers WHO ARE WOMEN worked on this plot during the chemical application stage?	Approximately how many hired laborers WHO ARE MEN worked on this plot during the chemical application stage?	Approximately how many hired laborers WHO ARE WOMEN worked on this plot during the chemical application stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the chemical application stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the chemical application stage?	Did the hired laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the hired laborers ?	Approximately how many other people worked on this plot during the chemical application stage?	Approximately how many other people WHO ARE WOMEN worked on this plot during the chemical application stage?	Approximately how many other people WHO ARE MEN worked on this plot during the chemical application stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE WOMEN work on this plot during the chemical application stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE MEN work on this plot during the chemical application stage?
	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M97)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M104)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	
A																				
B																				
C																				
D																				
E																				

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 5: Weeding				If M110=1		If M110=2			
Plot ID	M109	M110	M111	M112	M113	M114	M115	M116	
	Did you do any weeding on this plot? Weeding does NOT include using weedicide. <u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u>	Who worked on this plot during the weeding stage? Remember, weeding does NOT include using weedicide. <u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u> <u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u>	How many days did you personally work on this plot during the weeding stage?	How many of your family, relatives, and/or friends worked on this plot during the weeding stage?	How many of your family, relatives, and/or friends WHO ARE WOMEN worked on this plot during the weeding stage?	How many of your family, relatives, and/or friends WHO ARE MEN worked on this plot during the weeding stage?	If M112>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE WOMEN work on this plot during the weeding stage?	If M112>0 Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE MEN work on this plot during the weeding stage?	
	1 Yes 5 No (-> next plot)	1 Yourself 2 Relative/friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)	(If OTHER, please specify.)	Number of days	Number of people	Number of people	Number of people	Number of days	Number of days
A									
B									
C									
D									
E									
F									

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 5: Weeding

Plot ID	If M110=3							If M110=4							If M110=5				
	M117	M118	M119	M120	M121	M122	M123	M124	M125	M126	M127	M128	M129	M130	M131	M132	M133	M134	M135
	Approximately how many communal laborers worked on this plot during the weeding stage?	Approximately how many communal laborers WHO ARE WOMEN worked on this plot during the weeding stage?	Approximately how many communal laborers WHO ARE MEN worked on this plot during the weeding stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the weeding stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE MEN work on this plot during the weeding stage?	Did the communal laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the communal laborers ?	Approximately how many hired laborers worked on this plot during the weeding stage? <u>HIRE</u> <u>LABOR</u> <u>INCLUDES</u> <u>PAYMENT</u> <u>IN-KIND</u>	Approximately how many hired laborers WHO ARE WOMEN worked on this plot during the weeding stage?	Approximately how many hired laborers WHO ARE MEN worked on this plot during the weeding stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE WOMEN work on this plot during the weeding stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the weeding stage?	Did the hired laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the hired laborers ?	Approximately how many other people worked on this plot during the weeding stage?	Approximately how many other people WHO ARE WOMEN worked on this plot during the weeding stage?	Approximately how many other people WHO ARE MEN worked on this plot during the weeding stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE WOMEN work on this plot during the weeding stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE MEN work on this plot during the weeding stage?
	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M124)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M131)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days
A																			
B																			
C																			
D																			
E																			

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 6: Harvesting									
				If M137=1	If M137=2				
Plot ID	M136	M137	M138	M139	M140	M141	M142	M143	
	<p>Did you harvest on this plot? Harvesting is defined as plucking the crop. It does NOT include removing corn husks, or any other form of processing. Harvesting is only the action of plucking/picking. If there are multiple harvests (for example, yam), you should include all of them.</p> <p><u>DO NOT INCLUDE ANY TRACTOR ACTIVITIES</u></p>	<p>Who worked on this plot during the harvesting stage? Remember, harvesting is defined as plucking the crop. It does NOT include removing corn husks, or any other form of processing. Harvesting is only the action of plucking/picking. If there are multiple harvests (for example, yam), you should include all of them. Groundnut payment in-kind should be counted as “hired labor.”</p> <p><u>DO NOT INCLUDE ANY HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u></p>	<p>How many days did you personally work on this plot during the harvesting stage?</p>	<p>How many of your family, relatives, and/ or friends worked on this plot during the harvesting stage?</p>	<p>How many of your family, relatives, and/ or friends WHO ARE WOMEN worked on this plot during the harvesting stage?</p>	<p>How many of your family, relatives, and/ or friends WHO ARE MEN worked on this plot during the harvesting stage?</p>	<p>If M139>0</p> <p>Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE WOMEN work on this plot during the harvesting stage?</p>	<p>If M139>0</p> <p>Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE MEN work on this plot during the harvesting stage?</p>	
	<p>1 Yes 5 No (-> next plot)</p>	<p>1 Yourself 2 Relative/friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)</p>	<p>(If OTHER, please specify.)</p>	Number of days	Number of people	Number of people	Number of people	Number of days	Number of days
A									
B									
C									
D									
E									
F									

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 6: Harvesting

Plot ID	If M137=3						If M137=4						If M137=5						
	M144	M145	M146	M147	M148	M149	M150	M151	M152	M153	M154	M155	M156	M157	M158	M159	M160	M161	M162
	Approximately how many communal laborers worked on this plot during the harvesting stage?	Approximately how many communal laborers WHO ARE WOMEN worked on this plot during the harvesting stage?	Approximately how many communal laborers WHO ARE MEN worked on this plot during the harvesting stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the harvesting stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE MEN work on this plot during the harvesting stage?	Did the communal laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the communal laborers ?	Approximately how many hired laborers worked on this plot during the harvesting stage? <u>HIRED LABOR INCLUDES PAYMENT IN-KIND</u>	Approximately how many hired laborers WHO ARE MEN worked on this plot during the harvesting stage?	Approximately how many hired laborers WHO ARE MEN worked on this plot during the harvesting stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE WOMEN work on this plot during the harvesting stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the harvesting stage?	Did the hired laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the hired laborers ?	Approximately how many other people worked on this plot during the harvesting stage?	Approximately how many other people WHO ARE WOMEN worked on this plot during the harvesting stage?	Approximately how many other people WHO ARE MEN worked on this plot during the harvesting stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE WOMEN work on this plot during the harvesting stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE MEN work on this plot during the harvesting stage?
	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M151)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M158)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days
A																			
B																			
C																			
D																			
E																			

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 7: Post-harvest Processing								
			If M164=1	If M164=2				
	M163	M164	M165	M166	M167	M168	M169	M170
Plot ID	<p>Did you do any post-harvest processing on this plot? Processing includes peeling, drying, removing corn husks, washing, or anything else that needs to be done before bringing crops to market.</p> <p>Processing does NOT include storage, or any tractor activities.</p>	<p>Who worked on this plot during post-harvest processing stage? Remember, processing includes peeling, drying, removing corn husks, washing, or anything else that needs to be done before bringing crops to market.</p> <p>Processing does NOT include storage, or any tractor activities.</p> <p><u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST)</u></p>	<p>How many days did you personally work on this plot during the post-harvest processing stage?</p>	<p>How many of your family, relatives, and/ or friends worked on this plot during the post-harvest processing stage?</p>	<p>How many of your family, relatives, and/ or friends WHO ARE WOMEN worked on this plot during the post-harvest processing stage?</p>	<p>How many of your family, relatives, and/ or friends WHO ARE MEN worked on this plot during the post-harvest processing stage?</p>	<p>If M166>0</p> <p>Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE WOMEN work on this plot during the post-harvest processing stage?</p>	<p>If M166>0</p> <p>Approximately how many days ON AVERAGE did EACH OF your family, relatives, and/ or friends WHO ARE MEN work on this plot during the post-harvest processing stage?</p>
	<p>1 Yes 5 No (-> next plot)</p>	<p>1 Yourself 2 Relative/friends 3 Communal labor 4 Hired labor 5 Other (SPECIFY)</p>	<p>(If OTHER, please specify.)</p>					
			Number of days	Number of people	Number of people	Number of people	Number of days	Number of days
A								
B								
C								
D								
E								

Section 2: Non-Resident Relatives and Spouses

SECTION M: AGRICULTURAL LABOUR- TO BE ASKED OF R1 IN MAIN SURVEY, R2 IN R2 SURVEY

Stage 7: Post-harvest Processing

Plot ID	If M164=3						If M164=4						If M164=5						
	M171	M172	M173	M174	M175	M176	M177	M178	M179	M180	M181	M182	M183	M184	M185	M186	M187	M188	M189
	Approximately how many communal laborers worked on this plot during the post-harvest processing stage?	Approximately how many communal laborers WHO ARE WOMEN worked on this plot during the post-harvest processing stage?	Approximately how many communal laborers WHO ARE MEN worked on this plot during the post-harvest processing stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE WOMEN work on this plot during the post-harvest processing stage?	Approximately how many days ON AVERAGE did EACH OF the communal laborers WHO ARE MEN work on this plot during the post-harvest processing stage?	Did the communal laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the communal laborers ?	Approximately how many hired laborers worked on this plot during the post-harvest processing stage? <u>HIRED LABOR INCLUDES PAYMENT IN-KIND</u>	Approximately how many hired laborers WHO ARE WOMEN worked on this plot during the post-harvest processing stage?	Approximately how many hired laborers WHO ARE MEN worked on this plot during the post-harvest processing stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE WOMEN work on this plot during the post-harvest processing stage?	Approximately how many days ON AVERAGE did EACH OF the hired laborers WHO ARE MEN work on this plot during the post-harvest processing stage?	Did the hired laborers require any supervision from a member of your household, including yourself?	Which member of your household supervised the hired laborers ?	Approximately how many other people worked on this plot during the post-harvest processing stage?	Approximately how many other people WHO ARE WOMEN worked on this plot during the post-harvest processing stage?	Approximately how many other people WHO ARE MEN worked on this plot during the post-harvest processing stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE MEN work on this plot during the post-harvest processing stage?	Approximately how many days ON AVERAGE did EACH OF the other person/people WHO ARE WOMEN work on this plot during the post-harvest processing stage?
	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M178)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days	1 Yes 5 No (-> M185)	Household ID	Number of people	Number of people	Number of people	Number of days	Number of days
A																			
B																			
C																			
D																			
E																			

Section 2: Non-Resident Relatives and Spouses

IF M2=4 OR M29=4 OR M56=4 OR M83=4 OR M110=4 OR M137=4 OR M164=4						
M8	M190	M191	M192	M193	M194	M195
	<p>How did you pay your hired labor?</p> <p><u>HIRED LABOR INCLUDES PAYMENT IN-KIND (SUCH AS WOMEN WHO HELP WITH GROUNDNUT HARVEST). IT DOES NOT INCLUDE FOOD PREPARED FOR LABORERS.</u></p> <p>1 Cash (GHC) 3 In Kind (-> M195) 5. Both 95 Other (SPECIFY)</p>	<p>If M190=1</p> <p>How much on average did you pay each man as hired labor during the last farming season? GHC</p>	<p>If M190=1</p> <p>How much on average did you pay each woman as hired labor during the last farming season? GHC</p>	<p>If M190=1</p> <p>How much on average did you pay each child as hired labor during the last farming season? GHC</p>	<p>If M190=1</p> <p>Do you pay those amounts per day or per acre? 1. Per day 2. Per week 3. Per month 4. Per plot 5. Per acre 6. Per pole 7. Per rope 8. Other Specify.</p>	<p>If M190 = 2</p> <p>What did you use to pay in-kind (DOES NOT INCLUDE LUNCH)?</p> <p>Enter text of at most 60 characters</p>

IF M2=3 OR M29=3 OR M56=3 OR M83=3 OR M110=3 OR M137=3 OR M164=3				IF M2=4 OR M29=4 OR M56=4 OR M83=4 OR M110=4 OR M137=4 OR M164=4		
M10	M196	M197	M198	M199	M200	M201
	<p>When you have communal laborers working on your plots, do you provide them food?</p>	<p>On average, how much do you pay for the entire meal for all your communal laborers? (ENTIRE POT OF FOOD FOR ONE DAY, FEEDS ALL COMMUNAL LABORERS FOR THE DAY)</p>	<p>On average, how many communal laborers are fed by the meal you prepare?</p>	<p>When you have hired laborers working on your plots, do you provide them food?</p>	<p>On average, how much do you pay for the entire meal for all your communal laborers? (ENTIRE POT OF FOOD FOR ONE DAY, FEEDS ALL COMMUNAL LABORERS FOR THE DAY)</p>	<p>On average, how many communal laborers are fed by the meal you prepare?</p>
	<p>1 Yes 5 No (-> M199)</p>	<p>Blaise checks new GHC GHC</p>	<p>Write in number</p>	<p>1 Yes 5 No (-> section N)</p>	<p>Blaise checks new GHC GHC</p>	<p>Write in number</p>

SECTION N: HARVEST

READ: I'd also like to know about the crops you harvested at the end of the farming season. ELECTRONIC VERSION PRELOADS R1 PLOTS IN MAIN SURVEY, R2 PLOTS IN R2 SURVEY

PLOT A

	N1	N2	N4a	N4	N5	N6a	N6	N7	N8	N9
Plot	Crop Type Crops planted on this plot are loaded	Have you harvested CROP TYPE from PLOT A? 1 Yes, fully (no CROP TYPE is remaining on PLOT A) 3 Yes, partially (some of CROP TYPE is yet to be harvested from PLOT A) 5 No (all of CROP type is yet to be harvested from PLOT A)→N6	What unit do you use to measure your harvest of this crop from this plot? See code below	How many units of this CROP TYPE has been harvested from PLOT A? If there has been more than one harvest from the plot, give the total quantity which has been harvested over the last 12 months. Quantity	In which month(s) did you harvest the CROP TYPE from PLOT A? 1 for Jan, 2 for Feb ect. Select all that applies.	What unit do you use to measure your expected harvest of this crop from this plot? See code below	IF N2=2 or 5 How many units of this crop type do you <u>expect</u> to harvest from PLOT A (IF N3=2 do not include what has been harvested already). Quantity	While still in the field, was any of your CROP TYPE from PLOT A damaged by pests, rotting, or any other reason? 1.Yes 5. No	What was/were the crop lost to? Select up to 3 choices, starting with the one that cause the most damage.	What percent of your crop was lost?
A										
A										
A										
A										
A										
A										
A										

Code for crop lost: Question N8

1 Rotting	9 Bees	17 <i>Pandochirsi</i>	25 Monkeys
2 Disease	10 Cockroaches	18 <i>Zunzuya</i>	26 Sheep
3 Fire	12 Grasshoppers	19 <i>Tambepelgu</i>	27 Goats
4 Flood	12 Locust	20 Rodents	28 Cattle
5 Drought	13 Termites	21 Mice	29 Bandicoot
6 Birds	14 Caterpillars	22 Rats	95 Other (SPECIFY)
7 Insects	15 Centipedes	23 Grasscutters	
8 Ants	16 <i>Saligu</i>	24 Squirrels	

Codes for units of crop harvest and crops sales (N4,N6)

American tin..... 02	Crate30	Single37
Basket04	Calabash40	Stick23
Bowl06	Fingers11	Tonne24
Box07	Kilogram14	Set36
Bucket29	Margarine tin.....17	100 pieces of crop--91
Bunch08	Maxi bag18	Other specify-----99
Bundle09	Mini bag19	

SECTION N: HARVEST

READ: I'd also like to know about the crops you harvested at the end of the farming season. ELECTRONIC VERSION PRELOADS R1 PLOTS IN MAIN SURVEY, R2 PLOTS IN R2 SURVEY

PLOT B

	N1	N2	N4a	N4	N5	N6a	N6	N7	N8	N9	
Plot	Crop Type Crops planted on this plot are loaded	Have you harvested CROP TYPE from PLOT B? 1 Yes, fully (no CROP TYPE is remaining on PLOT A) 3 Yes, partially (some of CROP TYPE is yet to be harvested from PLOT A) 5 No (all of CROP type is yet to be harvested from PLOT A)→N6	What unit do you use to measure your harvest of this crop from this plot? See code below	How many units of this CROP TYPE has been harvested from PLOT B? If there has been more than one harvest from the plot, give the total quantity which has been harvested over the last 12 months. Quantity	In which month(s) did you harvest the CROP TYPE from PLOT B? 1 for Jan, 2 for Feb ect. Select all that applies.	What unit do you use to measure your expected harvest of this crop from this plot? See code below	IF N2=2 or 5 How many units of this crop type do you <u>expect</u> to harvest from PLOT B (IF N3=2 do not include what has been harvested already). Quantity	While still in the field, was any of your CROP TYPE from PLOT B damaged by pests, rotting, or any other reason? 1.Yes 5. No	What was/were the crop lost to? Select up to 3 choices, starting with the one that cause the most damage.	What percent of your crop was lost?	Are there any other crops that you harvested from this plot since the last farming season? 1.Yes 5.No
B											
B											
B											
B											
B											
B											
B											

Code for crop lost: Question N8			
1 Rotting	9 Bees	17 <i>Pandochirsi</i>	25 Monkeys
2 Disease	10 Cockroaches	18 <i>Zunzuya</i>	26 Sheep
3 Fire	12 Grasshoppers	19 <i>Tambepelgu</i>	27 Goats
4 Flood	12 Locust	20 Rodents	28 Cattle
5 Drought	13 Termites	21 Mice	29 Bandicoot
6 Birds	14 Caterpillars	22 Rats	95 Other (SPECIFY)
7 Insects	15 Centipedes	23 Grasscutters	
8 Ants	16 <i>Saligu</i>	24 Squirrels	

Codes for units of crop harvest and crops sales (N4,N6)		
American tin.....02	Crate30	Single37
Basket04	Calabash40	Stick23
Bowl06	Fingers11	Tonne24
Box07	Kilogram14	Set36
Bucket29	Margarine tin.....17	100 pieces of crop--91
Bunch08	Maxi bag18	Other specify-----99
Bundle09	Mini bag19	

SECTION O: CROP STORES AND SALES

O1a	O3a	O3b	O4a	O4b	O5	O6	O7	O8	O9a	O9b	O10	O11	
Crop Type Crops from all plot are loaded	How much of this crop type did you have stored at home or elsewhere, before the first harvest of 2013?	What unit is stored before crop? Unit codes below	How much do you have stored at home or elsewhere now?	What unit is stored no crop? Unit codes below	Is the stored CROP TYPE treated with any chemicals? 1.Yes 5.No	(If O4 = Yes) Can you tell us the type of chemical? Select all that apply 1 Actellic Powder 2 Phostosine tablets 3 Other (SPECIFY)	Since the last harvest, has any of the stored CROP TYPE been lost to rotting, pests, or any other cause? 1.Yes 5.No	What has stored crop type been lost to? 1 Insects 2 Birds 3 Rodents 4 Disease 5 Other Specify	How much of this crop type did you lose? Quantity	What unit is the lost crop? Unit codes below	Have you sold any of CROP TYPE? This includes giving some back to a supplier. 1.Yes 5.No>>O40	Who have you sold this crop type to? See codes. Select all that apply.	Codes for O2: 1 Local silos 2 Communal storage units 3 Loose bags only 4 Other (SPECIFY) 5-None
													Codes for O11 1 Consumers in this community 2 Consumers in another community 3 Market traders 4 Aggregator (organizations that buy at the start of the agricultural season, usually in exchange for inputs, for example CARD or Masara) 5 Outgrower (similar to aggregator, but has nucleus farmer) 6 Pre harvest contractors (organizations that buy while crops are still in the field, nonbinding commitment to sell, no provision of inputs or storage in exchange for commitment to sell) 7 Sale trade organizations (government purchase of buffer stocks) 8 Cooperative groups 9 Other (SPECIFY)

SECTION O: CROP SALES AND STORES- YET TO SEE THESE QUESTIONS IN THE PROGRAM

IF SOLD TO AGGREGATORS, OUTGROWERS, COOPERATIVE GROUPS, or OTHER (O11=4 or 5 or 9 or 10)							
O22_a	O22_b	O23	O24	O25	O26	O27	O28
SERVICE	What unit are you using? UNITS	Did the (aggregator/outgrower/ coop/ other) provide SERVICE to you (ON ANY PLOT)? 1. Yes 5. No If NO GO TO -> NEXT SERVICE CATEGORY	How many UNITS of SERVICE were provided?	Which organization provided SERVICE? Codes for O25: 1 MoFA 6- SFMC 2 CARD 7 Ghana Cocoa Board 3 MasaraN'Arziki 4- ADVANCE 5- SADA 8-Private Cocoa buying agencies 9. Food distribution cooperation 95. Other Specify	How did you pay for SERVICE? 0. Didn't pay 1. Cash 2. In-kind (not from my harvest) 3. In-kind (from my harvest)	IF O26=1 How much CASH did you pay for SERVICE?	If O26=2 What was the value of the in-kind items used to pay for SERVICE? (Market value today) DO NOT INCLUDE HARVEST
Plough and tractor	Acres						
Fertilizers-chemical	1 Sachet (1kg) 5. grams 2 Small bag (15kg) 7.acres 3 Big bag (50kg) 8. bags 4- 1 liter 96. N/A						
Fertilizers-organic	1 Sachet (1kg) 5. grams 2 Small bag (15kg) 7.acres 3 Big bag (50kg) 8. bags 4- 1 liter 96. N/A						
Weedicides/herbicides	1 Sachet (1kg) 5. grams 2 Small bag (15kg) 7.acres 3 Big bag (50kg) 8. bags 4- 1 liter 96. N/A						
Post harvest chemicals	1 Sachet (1kg) 5. grams 2 Small bag (15kg) 7.acres 3 Big bag (50kg) 8. bags 4- 1 liter 96. N/A						
Seeds	1 Sachet (1kg) 5. grams 2 Small bag (15kg) 7.acres 3 Big bag (50kg) 8. bags 4- 1 liter 96. N/A						
Transport of inputs	N/A						
Transport of crops	N/A						
Post harvest processing (includes threshing)	Bags						
Extension	N/A						
Other (SPECIFY)							

Section 2: Non-Resident Relatives and Spouses

This question seems not to be in the program: O18-What quantity of CROP TYPE have you sold to pre-harvest contractors during and since the first 2013 harvest?
 For pre-harvest contractors, the first question is unit. Quantity was not asked.

Crop codes

Crop	Code	Crop	Code	Crop	Code	Crop	Code
Avocado pear	1	Garden Egg/Egg plant	12	Okro	23	Sugarcane	34
Banana	2	Ginger	13	Onion	24	Tiger nut	35
Beans/Peas	3	Groundnut/ Pea nut	14	Oranges/ Tangerine	25	Tobacco	36
Cashew nut	4	Guinea corn/Sorghum	15	Pawpaw/Papaya	26	Tomatoes	37
Cassava	5	Kenef	16	Pepper	27	Water melon	38
Cocoa	6	Leafy Vegetable	17	Pineapple	28	Woodlot	39
Coconut	7	Lime/Lemon	18	Plantain	29	Yam	40
Cocoyam	8	Maize	19	Potatoes/Sweet potatoes	30	Other food crops	41
Coffee	9	Mango	20	Rice	31	Other fruits	42
Colanut	10	Millet	21	Rubber	32	Other vegetables	43
Cotton	11	Oil Palm	22	Sheanut	33	Soya beans	44