

APPENDICES

Technical Details on the 2009 Household Survey

1 Survey design

1.1 Introduction

The household survey is part of a USAID project called the Assets and Markets Access Collaborative Research Support Program (AMA CRSP), a long-term empirical study of idiosyncratic shocks and welfare dynamics in Ghana, Bangladesh and Ethiopia.

The survey was conducted in four villages in Akwapim South district, Eastern Region, Ghana in 2009. Questionnaires were administered in five rounds from February to November 2009, with each household interviewed once every two months.

1.2 Organization of the survey

The survey villages were initially selected because the district was the site of rapid growth in the export agriculture industry (specifically, of pineapple) in the late 1990s. Four villages were selected non-randomly from those in the district. The villages are Konkonuru, Oboadaka, Pokrom and Darmang-Ahweriase.

Within each village, around 60 households were randomly selected for participation in the first wave in 1997-98. In Darmang, given its population was barely more than 60 households, all households were selected. Table 1 shows the actual number of households remaining after refusals etc. The second wave in 2004 was based on the same sample, but due to attrition the sample was smaller. The 2009 sample was rebuilt by random resampling, to obtain a targeted 70

households in each village. The existing sample was retained, but those households which had disappeared or chosen not to take part were replaced by new households selected at random from that village. In a small number of cases, only one of the spouses from a former sample household remained in the village (because of death, divorce or migration). We included these remaining ‘single spouses’ in the sample but did not count them towards the 70-household target.

Table 1: Survey samples in the Akwapim South study

Wave		Konkonuru	Oboadaka	Pokrom	Darmang	Total
1997-98	Households	54	51	51	51	213
	Individuals	112	102	111	106	429
2004	Households	44	38	38	39	159
	Individuals	90	89	81	90	350
2009	Households*	81	76	78	81	316
	Individuals	151	149	147	158	605

* Includes single-headed households.

The survey is unusual in that almost all of the questions are posed to both the household head and spouse(s). A full breakdown of the number of participants in each wave is given in Table 1. The district is patrilineal, so the head is usually male and the spouse(s) female. A small number of households had multiple wives; in these cases all wives were interviewed. The 1997-98 and 2004 survey instruments comprised sections on assets, consumption, land assets, farm business activity, non-farm business and income, gifts and transfers, loans, family background and marital attitudes. All of these sections (effectively unchanged) were fielded again in 2009 to generate consistent panel data. In addition, we added modules on social networks, long-term shocks and perceptions of poverty, membership of organizations and cooperatives, education and

household characteristics. The questionnaires follow in this appendix. We also conducted two field experiments designed to study the effects of financial and non-financial windfalls on savings, consumption and sharing behavior, and the willingness of individuals to contribute to local public goods. Details on these experiments can be found in Chapters 2 and 3 of the dissertation.

1.3 Sample issues

The initial sample in 1997-98 was 60 households selected at random in each village. Due to attrition, we were able to identify just over half of these households willing to participate in 2009. To reach a target sample size of 70 households in each village, we augmented these remaining households with additional households from each village, using random sampling stratified by age group. Details on attrition and the resampling are presented in Table 2.

The resampling was conducted as follows. We visited the villages in the fourth week of January and interviewed someone from every household in the village with a brief demographic survey. We asked the household head (or designated alternate) for the names and ages of the head and spouse(s), household size, the household's location and the residential history of its occupants. From this listing we identified households in the existing sample and asked whether they wished to participate in the survey again in 2009. Of the non-sample households, those with both a head and spouse present were retained for the resampling. We divided this subset into three groups based on the age of the head (under 30, 30-64, and 65+). These age categories were chosen because households with heads under 30 could not have been selected for the first wave in 1997, and older-headed households in the original sample were subject to greater attrition. We then selected enough households so that, combined with the existing sample households who

agree to participate, we had 70 households in each village with proportions of each age group close to those of the village. Newly selected households which refused to participate were replaced by the next household from that age category on a randomized list.

Table 2: Attrition and resampling

	Konkonuru	Oboadaka	Pokrom	Darmang	Total
Original sample					
1997-98	54	51	51	51	207
2004	44	38	38	39	159
Located in 2009					
Dropped/Refused	1	1	0	0	2
Remaining	43	39	43	48	173
Single-headed	12	7	10	11	40
Dual-headed	31	32	33	37	133
Resampling					
Young	11	14	12	12	49
Middle	28	23	20	14	85
Old	0	1	5	7	13
Total	39	38	37	33	147
Total sample 2009					
Dual-headed	70	70	70	70	280
Single-headed	12	7	10	11	40
Total	82	77	80	81	320

1.4 Definition of a household

We adopt the standard LSMS definition of a household as “a group of individuals which normally eat from the same pot”. However, this was augmented by a condition that to be a member of the household, an individual must have satisfied the LSMS definition for at least one month (30 days) in the past year. This was done to rule out the inclusion of itinerant members or children living elsewhere.

The household head was defined as the most senior member of the household. This designation was usually unambiguous, but if not, the head was to be the person who would normally represent the household in its dealings with other households. The head and his/her spouse(s) were the only people interviewed from each household.

1.5 Timetable

The survey ran from January to November 2009. In January we recruited and trained the enumerators. We conducted the listing in the second-last week of January, then conducted the resampling and selected a pretest group to test the instruments. Pretesting and revision of the survey instrument took place in the last week of January. The survey rounds began in the first week of February. Each of the five rounds lasted two months; the full timetable is set out below.

There were two teams of enumerators in the field, four in each village (one of whom was designated a supervisor). All of the sample households in a village were interviewed over the course of the month, with two villages being surveyed concurrently. At the end of the month, the enumerators will move to the second two villages to spend a month there conducting the second half of the round. The social networks module will be administered by a separate team of enumerators in February and March, running on the same schedule as the general survey team but interviewing each household four times over the course of the month.

In each round, respondents answered a standard questionnaire on income, farming, business activity, assets, consumption and transfers/loans. This was augmented by a full social network survey in the first round, and some short one-round modules on other issues in subsequent rounds. Each household was visited once in each round for the general survey, and an additional four times in February/March for the social networks module.

The following table lists the commencement and completion dates for each activity in the survey. Data collection rounds and experiments took place two villages at a time. Group A contains Konkonuru and Oboadaka. Group B contains Pokrom and Darmang, whose data collection and experiments occur one month after Group A.

Table 3: Calendar of household survey interviews

Round or Activity	Date Commenced	Date Completed
Listing	22 January	26 January
Pretest	28 January	30 January
Round 1, Group A	7 February	2 March
Round 1, Group B	9 March	6 April
Round 2, Group A	20 April	15 May
Round 2, Group B	18 May	10 June
Round 3, Group A	17 June	8 July
Round 3, Group B	15 July	5 August
Round 4, Group A	12 August	2 September
Round 4, Group B	9 September	30 September
Round 5, Group A	7 October	28 October
Round 5, Group B	4 November	25 November

1.6 Social networks module

The social networks module was designed to map the entire in-sample social network in each of the four study villages. We collected detailed information on each friendship between sample members.

The social networks module was conducted during Round 1, in parallel with the standard household survey. This was achieved by having a second enumerator team in the village during

the first round, specifically conducting the social networks survey. Each respondent was therefore interviewed twice during this round.

The questionnaire (a blank copy of which is included following the household survey questionnaire below) was customized for each respondent. The names of all 150 sample members in the village (excluding the respondent) were listed in column 1 (over multiple pages). Due to concern about respondent fatigue (since each respondent was being asked about their friendships with 150 other villagers), we randomized the list of names on each individual's questionnaire. This enabled us to test whether responses varied systematically as the enumerator progressed down the list. There was no evidence of a systematic relationship between responses and name order.

Early in the listing, we discovered that names are very fluid in the survey area. Many individuals have a formal name and (possibly more than one) nickname, and are only known in the village by their nickname. However, they had provided us with their formal names. We therefore returned to each household and asked each respondent to tell us all the names by which they were known. For each individual, all of their names were listed on the social networks questionnaire and the respondent quizzed about each one. If the respondent said they did not know of the person, the enumerators were directed to probe further by mentioning the name of the person's spouse. This occasionally elicited a different response.

Instructions to Enumerators

1.1 Tasks of the interviewers

Your role as an interviewer is crucial to the survey. The quality of the data will depend on the quality of your work. You should keep in constant touch with your supervisor and inform him of any problems you encounter in your work in the field. The supervisor will provide you with all the necessary materials and instructions and will collect and check your work, helping you solve any problems that arise.

Your principal task is to conduct at least 2 interviews per day during the survey period. Each enumerator will be assigned 35-40 individuals to interview each month, and it is imperative that these interviews take place before the end of the month because at that time the survey team will move to the other village.

You must follow strictly all instructions in this manual. Read all questions exactly as they appear on the questionnaire. You will be provided with the following materials for use in the interviews:

- Questionnaires
- Instruction manual
- Briefcase/satchel
- Note pad
- Pencils/erasers

In addition, your supervisor will be equipped with:

- 2 GPS units (for plot mapping)
- Cell phone credit (for communication with ISSER).

1.2 Relations with the supervisor

You should always follow the advice given to you by your supervisor, who is the representative of the Project Directorate in the field. He will assign you work at the beginning of each survey round. In order to satisfy himself that your work is up to standard, your supervisor will carry out the following checks in the field:

- He will examine in detail all questionnaires you complete, to verify that each interview has been fully and properly carried out.
- He will make random visits to some of the households that you have already interviewed to make sure that you went to the correct addresses.
- He will observe three more of our interviews in a cycle to evaluate your method of interviewing. You will not be informed in advance.
- Each day he will discuss your work with you and make regular reports to the Project Directorate on your performance in the field.

Your supervisor is the link between you and the survey organization. Just as you will receive instructions from him, you must inform him of any difficulties or problems that you encounter. For instance, if you do not understand a procedure or the meaning of a question in the questionnaire, you should ask your supervisor for an explanation.

1.3 Checking the completed questionnaire

After finishing each interview, you must verify that all the sections have been filled out correctly and legibly. You must make sure that you have asked all of the relevant questions and recorded the answers on the questionnaire. Finally, you must complete the observations sheet, and record the completion of the section on the household's survey cover sheet.

This must be done immediately after the interview, before you hand in the questionnaires to your supervisor, and most importantly, before moving on to another household or leaving the village.

Although you may correct minor errors due to having written down the answers badly, you must never under any circumstance make any other changes to the completed questionnaire without asking the respondent the same question again. Do not copy the information you have collected into a new questionnaire. At the end of each day's work, all filled questionnaires must be submitted to your supervisor for editing. Errors detected must be corrected before the end of the month, by re-visiting the relevant household.

1.4 Questions rejected by the data entry system

Your work will also be reviewed by the data entry applications, which will carry out checks on the answers to various questions, parts and sections of the questionnaire. After reviewing the data entry print-outs, your supervisor will circle in red ink all the answers in the questionnaire that were rejected by the data entry program, and return the questionnaire (if necessary) to you. You should resolve the highlighted problems in consultation with your supervisor immediately.

1.5 Arrival in the community

The team will arrive in the community a day before the start of the survey. Accompanied by the interviewers, the supervisor will visit the chief, assemblymen, unit committee members and other prominent individuals to introduce the team and discuss the survey program.

2.5.1 Finding the address

First you should look for the address written on the first page of the questionnaire and make sure that it is the household of the head indicated. Sometimes you might have difficulties finding a household. If this happens, you should stop and ask advice from your supervisor.

2.5.2 Explanation of the survey

The first step after meeting village formalities and constructing the sampling frame will be to approach the selected households about participating. On the first visit to a household, the first thing you should do is greet everyone, introduce yourself and say that you are working for ISSER/Cornell University. You should show your interviewer's card in all cases. You must explain that:

- You are conducting a survey designed to learn how households cope with unexpected events. The purpose is to find out about patterns of income, consumption, assets, gift giving, loans and social networks in four villages in Akuapim South region. The survey is very important for planners to learn how to help villagers cope with unexpected events, and to improve the effectiveness of government programs.
- Their household has been randomly selected to participate in the survey.

2.5.3 Obtaining consent

You must then provide each potential participant (head and spouse(s)) with a copy of the consent form, which describes the survey, outlines the requirements for and consequences of participation, and gives them a chance to decide freely whether to participate. Offer them either the English or Twi version, as they desire. If they cannot read it personally, another person or

you must read it aloud in full to the respondent. You must spend time with the individual explaining the details of the form: the nature of the survey, requirements of participation, anticipated risks and benefits from participating, indirect benefits, and the terms of the commitment to participate.

Stress that although there are parts of the survey which ask about sensitive and potentially embarrassing information, this information will be used for research purposes only, kept confidential at all times, and not published in a form which allows anyone to link respondents and their information. The survey is being conducted by researchers at universities who wish to learn more about village behavior, and not by a government or for tax purposes. The survey team will keep the surveys secure after they are completed, and the data will always be kept private. Only a few individuals will be authorized to see their answers in connection with their name or identifying details.

Some individuals may nevertheless not wish to answer certain questions in the survey. Be frank with them that there are some sensitive questions. They have the right to refuse to answer any question. Discourage them from refusing to participate in the survey simply because some questions might be sensitive. They can choose which questions to answer, and will not be punished or lose compensation for refusing to answer a question. Although we would strongly encourage all participants to commit to participating for the full year, they have the right to leave the survey at any time.

The ethics guidelines specify that individuals must be given time to consider their participation before deciding to consent. If an individual chooses to consent on the spot, however, this is okay. Otherwise, arrange to return the next day to get their decision, and to schedule an interview if they agree.

2.5.4 Scheduling an interview

Once your supervisor has obtained signed consent forms from both head and spouse(s), you must arrange a time to return for the first interview with your respondent. There is no pre-defined order of interviews; it will be your responsibility to schedule interviews so that all of them can be completed within the month. You should try to accommodate the respondents' schedules and avoid disrupting their activities or those of other family members, but emphasize the importance of their keeping the appointment so as not to disrupt your appointments with other households.

2.5.5 Confirming the interview

You should contact each respondent at least a day before the interview. The purpose of this visit is to introduce yourself and confirm that the interview will take place the next day.

2.6 The interview

You must be careful to follow all the instructions set out in this manual, the most important of which is to ask the questions exactly as they are printed in the questionnaire. You must record the responses directly into the respective answer boxes on the questionnaire during the interview. Do not record answers on scraps of paper, in your notebook, or in the margin of the questionnaire. Neither should you count on your memory to fill in the answers after you have left the household.

2.6.1 Tempo of the interview

You must maintain the tempo of the interview. In particular, avoid long discussions of the questions with respondents. If the respondent gives you irrelevant or complicated answers, do not break in too suddenly, but listen to what they are saying and then lead him/her back to the original question. Remember that *you* are running the interview, and therefore *you* must be in control of the situation at all times.

2.6.2 Objectivity of the interviewer

It is extremely important that you remain absolutely neutral about the subjects of the interview. Most people are naturally polite, particularly with visitors, and they tend to give answers and adopt attitudes that they think will please the visitor. You must not express surprise, approval or disapproval about the answers given by the respondent, nor must you tell him/her what you think about these things yourself.

You must also avoid any preconceived ideas about the respondent's ability to answer certain questions or about the kind of answer s/he is likely to give. Your most important task is to read the questions exactly as they are written on the questionnaire.

2.6.3 Privacy of the interview

All of the data collected are strictly confidential. Any breach of confidentiality is forbidden by law. In principle all the questions should be asked in complete privacy to ensure that the answers remain confidential. The presence of other people may cause embarrassment to the respondent and influence his/her answers.

The following sections of the survey may be particularly sensitive:

- Assets
- Gifts and loans
- Education
- Marital attitudes
- Social networks

At the start of these sections you should warn the respondent that the questions may be sensitive, reiterate the privacy of the interview, and politely ask any other individuals watching to respect the privacy of the respondent.

2.6.4 Setting of the interview

This survey is concerned with the different responses and attitudes of husbands and wives. It is therefore very important that each spouse be interviewed apart from his/her partner. *Under no circumstances* are you to interview someone with their spouse present. Some questions ask the wife, for example, what her husband has sold. We do not want to know the truth about what he has sold from her, we want to know what she thinks. For this reason, it is essential that she be interviewed apart from her husband. If the respondent does not wish to be interviewed alone, they may have someone else present, but insist that it not be their spouse.

2.6.5 Conclusion and plans for next visit

Before leaving, you must thank the respondent for their time. Explain that a team member will return in two months for another interview, and that it is important that they participate again at that time.

2.7 Completing the questionnaire

Every round, each household will be visited two or three times. One enumerator will interview the head, and another will interview the head's spouse(s). After each visit, each enumerator must record the interview in the completion checklist on the cover sheet for that household. Code the result of the survey COMPLETED if all sections were done; PARTIALLY COMPLETED if the respondent refused to complete some sections, or if you were interrupted and must return to that household this round; RESPONDENT NOT AVAILABLE only if the respondent is definitely uncontactable for the month (eg travelling); REFUSED if they would not be interviewed. If there is any other reason, write 6 for OTHER along with a note in the 'Observations' section of the sheet. If the survey took place, fill out the other details. *Whether or not the survey was completed, return the questionnaire to your supervisor for storage and review.*

2.7.1 Observation sheet

You must also fill out the observation sheet. You should indicate on this page how much the respondent was willing to cooperate, any problems they had in answering any of the questions (including any which were refused because of privacy concerns), any unfavorable circumstances, and any comments you wish to make for the benefit of the supervisor. You should fill out this section immediately after the interview, but never in the presence of the respondent.

2.7.2 Conduct of the interviewer

The interviewer must observe the following rules:

- You must be courteous towards everyone (the respondent, his/her family and friends, the supervisor, other members of the team and everyone else involved). Your behavior can have an enormous impact on people's opinions in the survey villages.
- You must avoid disturbing or upsetting anyone by your behavior.
- You must be properly dressed, so that the respondent will be inclined to trust you as a reliable and responsible person.
- You must arrive punctually for interview appointments, and never keep a respondent waiting.
- You must exercise patience and tact in conducting the interview, to avoid antagonizing the respondent or leading him/her to give answers that are not in conformity with the facts.



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and

Institute of Statistical, Social and Economic Research (ISSER)



AMA-CRSP Survey of Risk Coping and Social Networks in Village Ghana

IDENTIFIERS

ROUND NUMBER: DATE (dd/mm/yy):

VILLAGE NAME: VILLAGE CODE:

HOUSEHOLD NUMBER: GPS COORDINATES: N W

REPLACEMENT HOUSEHOLD? YES...1
NO...2

NAME(S) OF HOUSEHOLD HEAD:

NAME OF RESPONDENT: CODE:

INTERVIEWER: CODE:

SUPERVISOR: CODE:

DATA ENTRY OPERATORS: CODE:

CODE:

- VILLAGE CODES
- DARMANG.....1
 - POKROM.....2
 - OBOADAKA.....3
 - KONKONURU.....4

REMARKS / OBSERVATIONS

COMPLETION CHECKLIST

	Result	Interviewer ID CODE	Language CODE	Translator Used? YES...1 NO...2	Date Completed			Start Time			End Time	
					DD	MM	YY	HH	MM	HH	MM	
Primary interview												
Supervisor check interview (if required)												
ISSER office review												
Data entry												

- RESULT CODES
- COMPLETED.....1
 - PARTIALLY COMPLETED...2
 - RESPONDENT NOT AVBL...3
 - REFUSED.....4
 - OTHER.....5

- LANGUAGE CODES
- ENGLISH.....1
 - TWI.....2
 - OTHER (SPECIFY).....3

Village	HHN	Respondent's name	ID Code	Date	Round

HOUSEHOLD CHARACTERISTICS

INTERVIEW HOUSEHOLD HEAD FOR THIS SECTION

7. What type of toilet is there in your household?

- FLUSH TOILET/WC.....1
- PIT LATRINE.....2
- PAN/BUCKET.....3
- KVIP.....4
- NONE.....5

8. What is the main source of lighting you use?

- ELECTRICITY.....1
- GENERATOR.....2
- KEROSENE LANTERN.....3
- BOBO/GAS/CANDLE.....4
- BATTERY TORCH.....5

9. What is the main floor covering in this dwelling?

- EARTH/MUD.....1
- WOOD.....2
- STONE/BRICK.....3
- FIBREGLASS.....4
- CEMENT/CONCRETE.....5
- OTHER (SPECIFY).....6

10. What is the main roofing material?

- THATCH (GRASS/STRAW).1
- WOOD.....2
- CORRUGATED IRON/ZINC.3
- CEMENT/CONCRETE.....4
- ASBESTOS.....5
- OTHER (SPECIFY).....6

11. What is the main material used for the building's walls?

- MUD/MUD BRICKS.....1
- WOOD.....2
- CORRUGATED IFON.....3
- STONE/BURNT BRICKS...4
- CEMENT/SANDCRETE.....5
- OTHER (SPECIFY).....6

1. What is your religion?

- CATHOLIC.....1
- ANGLICAN.....2
- PRESBYTERIAN.....3
- METHODIST.....4
- PENTECOSTAL.....5
- SPIRITUALIST.....6
- OTHER CHRISTIAN.....7
- MUSLIM.....8
- TRADITIONAL.....9
- NO RELIGION.....10

2. What ethnic group do you belong to?

- ASANTE.....1
- AKWAPIM.....2
- FANTI.....3
- KWAHU.....4
- AKYEM.....5
- OTHER AKAN.....6
- OTHER.....7

3. a. Do you own this dwelling?

- YES.....1 (>> 4)
- NO.....2

b. Who is the owner?

- PARENT.....1
- OTHER RELATIVE.....2
- LINEAGE.....3
- EMPLOYER.....4
- OTHER (SPECIFY).....5

4. Do other households share this dwelling?

- YES.....1
- NO.....2

5. How many rooms are there in the dwelling?

6. Where does your household get its drinking water?

- INDOOR PIPE/TAP.....1
- VENDOR/TRUCK.....2
- NEIGHBOURING HH.....3
- PRIVATE OUTSIDE PIPE/TAP.....4
- PUBLIC PIPE/TAP.....5
- WELL WITH PUMP.....6
- WELL WITHOUT PUMP..7
- RIVER.....8
- RAINWATER.....9
- OTHER (SPECIFY).....10

Village	HHN	Respondent's name	ID Code	Date	Round

HOUSEHOLD ROSTER

HOUSEHOLD HEAD, FIRST SPOUSE AND ALL CHILDREN EVER BORN TO HER (INCLUDING CHILDREN DECEASED OR LIVING ELSEWHERE)

1	2	3	4	5	6	7	8	9	10	11	12	13
ID	Relation to head	Name	Sex	Is [..] alive?	Age	Child of head?	Does [..] currently live here?	Where does s/he live?	Highest school level attended	Highest grade achieved	Occupation	Marital status (LF 16+)
		WRITE THE PERSON'S COMMONLY USED NAME OR NICKNAME, FOLLOWED BY THEIR FORMAL NAME (IF ANY) IN PARENTHESES	MALE...1 FEMALE...2	YES...1 NO...2 WRITE DATE OF DEATH AND >>NEXT PERSON		YES...1 NO...2	YES...1 (>10) NO...2	LOCATION CODE	SCHOOL LEVEL CODE	GRADE NUMBER	OCCUPATION CODE	MARITAL STATUS CODE
100	Head											
101	Spouse 1											
102	Child											
103	Child											
104	Child											
105	Child											
106	Child											
107	Child											
108	Child											
109	Child											
110	Child											
111	Child											
112	Child											
113	Child											
114	Child											
115	Child											

- LOCATION CODES**
 DAMAN/AMERIASE.....1
 OPODIAK/ANBERGOM.....2
 KOKONJHEU.....3
 ABURL.....4
 NSAWAM.....5
 NOT IN GHANA.....6
- SCHOOL LEVEL CODES**
 0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
- OCCUPATION CODES**
 FARMER.....1
 TEACHER.....2
 TAXI/PRO-TRO DRIVER.....3
 TRUCK DRIVER.....4
 ARTISAN.....5
 CONSTRUCTION WORKER.....6
 FACTORY WORKER.....7
- MARITAL STATUS CODES**
 MARRIED.....1
 CONSENSUAL UNION.....2
 DIVORCED.....3
 SEPARATED.....4
 WIDOWER.....5
 NEVER MARRIED.....6
- PROFESSION CODES**
 MASON.....8
 CARPENTER/CHRYVER.....9
 HERBALIST.....10
 HAIRDRESSER.....11
 HEALTH WORKER.....12
 OFFICE WORKER.....13
 SHOP ATTENDANT/TRADE/14
- OTHER (SPECIFY).....21**

Village	HHN	Respondent's name	ID Code	Date	Round

HOUSEHOLD ROSTER

SECOND SPOUSE (IF APPLICABLE) AND ALL CHILDREN EVER BORN TO HER (INCLUDING CHILDREN DECEASED OR LIVING ELSEWHERE)

1	2	3	4	5	6	7	8	9	10	11	12	13
ID	Relation to head	Name	Sex	Is [...] alive?	Age	Child of head?	Does [...] live here?	Where s/he does s/he live?	Highest school level attended	Highest grade achieved	Occupation	Marital status
												(If 16+)
		WRITE THE PERSON'S COMMONLY USED NAME OR NICKNAME, FOLLOWED BY THEIR FORMAL NAME (IF ANY) IN PARENTHESES	MALE...1 FEMALE...2	YES...1 NO...WRITE DATE OF BEACH AND >>NEXT PERSON		YES...1 NO...2	YES...1 (>10) NO...2	LOCATION CODE	SCHOOL LEVEL CODE	GRADE NUMBER	OCCUPATION CODE	MARITAL STATUS CODE
201	Spouse 2											
202	Child											
203	Child											
204	Child											
205	Child											
206	Child											
207	Child											
208	Child											
209	Child											
210	Child											
211	Child											
212	Child											
213	Child											
214	Child											
215	Child											

LOCATION CODES
 DAWAN/AWERFASE.....1
 FOKROM/NSABA.....2
 FOGADARA/AWIMAKROM.....3
 KUMBUKUNGU.....4
 NSABAM.....5
 NSABAM.....6

EASTERN REGION (RURAL) 7
EASTERN REGION (URBAN) 8
 ACCRA.....9
 OTHER URBAN.....10
 OTHER RURAL.....11
 NOT IN GHANA.....12

SCHOOL LEVEL CODES
 NONE.....0
 PRIMARY.....1
 MIDDLE OR JHS.....2
 SENIOR SEC. TECH. COMPT. OR TRAINING COLLEGE.....3
 POST-SEC. NURSING, POLY.....4
 UNIVERSITY.....5

OCCUPATION CODES
 MASON.....1
 CARPENTER/CARVER.....2
 HERBALIST.....3
 HAIRDRESSER.....4
 HEALTH WORKER.....5
 OFFICE WORKER.....6
 SHOP ATTENDANT/TRADER.....7

ACCOMMODATION CODES
 TEACHER.....1
 TAXI/PRO-TRO DRIVER.....2
 TRUCK DRIVER.....3
 ARTISAN.....4
 CONSTRUCTION WORKER.....5
 FACTORY WORKER.....6

MARITAL STATUS CODES
 BAKER/COOK.....15
 PRIEST.....16
 ELDER.....17
 STUDENT.....18
 UNEMPLOYED.....19
 NOT IN LABOR FORCE.....20
 OTHER (SPECIFY).....21

Village	HHN	Respondent's name	ID Code	Date	Round

HOUSEHOLD ROSTER

ALL OTHER INDIVIDUALS WHO SPENT LAST NIGHT IN THIS HOUSEHOLD

1	2	3	4	5	6	7	8	9	10	11	12	13
ID	Name	Relation- ship to head	Relation- ship to spouse	Sex	Is [...] alive?	Age	Has [...] been living here for more than a month?	Where does s/he usually live?	Highest school level attended	Highest grade achieved	Occupation	Marital status (If 16+)
301	WRITE THE PERSON'S COMMONLY USED NAME OR NICKNAME, FOLLOWED BY THEIR FORMAL NAME (IF ANY) IN PARENTHESES	RELATION- SHIP CODE	RELATION- SHIP CODE	YES..1 NO..WRITE DATE OF DEATH AND >>NEXT PERSON FEMALE..2	YES..1 (>>10) NO...2			LOCATION CODE	SCHOOL LEVEL CODE	GRADE NUMBER	OCCU- PATION CODE	MARITAL STATUS CODE
302												
303												
304												
305												
306												
307												
308												
309												
310												
311												
312												

- LOCATION CODES**
 DAMAN/AHWERIASB.....1
 POKOM/NSABAA.....2
 OBOADAKA/KWAMEKROM..3
 KOKONURU.....4
 ABURL.....5
 NSWAM.....6
- EASTERN REGION (RURAL)** 7
EASTERN REGION (URBAN) 8
 ACCRA.....9
 OTHER URBAN.....10
 OTHER RURAL.....11
 NOT IN GHANA.....12
- SCHOOL LEVEL CODES**
 NONE.....0
 PRIMARY.....1
 MIDDLE OR JSS.....2
 SENIOR SEC, TECH, COMMTY
 OR TRAINING COLLEGE...3
 POST-SEC, NURSING, POLY..4
 UNIVERSITY.....5
- OCCUPATION CODES**
 FARMER.....1
 TEACHER.....2
 TAXI/TRO-TRO DRIVER...3
 TRUCK DRIVER.....4
 ARTISAN.....5
 CONSTRUCTION WORKER...6
 FACTORY WORKER.....7
- MASON.....8**
 BAKER/COOK.....9
 CARPENTER/CARVER.....10
 HERBALIST.....11
 HAIRDRESSER.....12
 HEALTH WORKER.....13
 OFFICE WORKER.....14
 SHOP ATTENDANT/TRADER..15
- MARITAL STATUS CODES**
 MARRIED.....16
 CONSENSUAL UNION...17
 DIVORCED.....18
 SEPARATED.....19
 WIDOW/ER.....20
 NEVER MARRIED.....21

Village	HHN	Respondent's name	ID Code	Date	Round

PLOT QUESTIONNAIRE
Part A. General plot details

COMPLETE ONE COLUMN FOR EACH PLOT IN OR NEAR THIS VILLAGE, OWNED OR CURRENTLY CONTROLLED BY THE RESPONDENT. USE ADDITIONAL SHEETS IF NECESSARY.

Do you own or currently control any plots of land in or near this village, including fallow land?

YES...LIST PLOTS AT Q1 WITH A BRIEF DESCRIPTION TO AID RECOGNITION, THEN COMPLETE ENTIRE PLOT QUESTIONNAIRE FOR EACH PLOT IN TURN.
NO...(>> END)

	1	2	3	4	5	6
1. Name or short description of the plot (for identification)	Plot Code					
2. Is the plot being cultivated or fallow?	CULTIVATED...1 OTHER...SPECIFY					
3. Whom does this plot belong to? If self or spouse is a joint owner, code self or spouse respectively.	SELF...0 (>>PART B) SPOUSE...1 (>>PART B) OTHER...RELATIONSHIP CODE (>>PART B) PURCHASED...1 INHERITED...2 MARRIAGE...3 OTHER...SPECIFY					
4. How did you obtain the plot?	RELATIONSHIP CODE					
5. From whom did you obtain the plot?	DATE (MM/YY)					
6. When did you obtain it?	SELF...0 (>>PART C) SPOUSE...1 (>>PART C) OTHER...RELATIONSHIP CODE (>>PART C) PURCHASE...2 (>>PART C) MARRIAGE...3 (>>PART C) OTHER...SPECIFY					
7. Who is using the land now?	RELATIONSHIP CODE					

- RELATIONSHIP CODES**
- SELF.....0
 - SPOUSE.....1
 - CHILD.....2
 - STEP-CHILD.....3
 - PARENT.....4
 - GRANDCHILD.....5
 - GRANDPARENT.....6
 - NEPHEW.....7
 - NIECE/UNCLE/AUNT.....8
 - COUSIN.....9
 - IN-LAW.....10
 - VILLAGE HEAD.....11
 - LINEAGE HEAD.....12
 - OTHER VILLAGER.....13
 - FRIEND NOT IN VILLAGE.....14
 - EXTENSION AGENT.....15
 - COOPERATIVE.....16
 - NGO.....17
 - TRADER.....18
 - OTHER (SPECIFY).....19
 - TRADER.....20
 - OTHER (SPECIFY).....21
 - OTHER (SPECIFY).....22

PROBE: So, this land is yours but is being used by someone else?

8. What type of arrangement do you have?	RENTAL...1 OTHER...SPECIFY (>>13)									
9. What type of rental contract is it?	ARRA.....1 ARUNU.....2 CASH RENT.....3 OTHER (SPECIFY)...4									
10. When did the contract begin?	DATE (MM/YY)									
11a. What fixed rent (if any) do you receive?	VALUE (GHC)									
11b.	FREQUENCY CODE									
12. How much rent is outstanding (if any)?	VALUE (GHC)									
13a. Do you receive a share of production as payment for use of the land?	YES...GIVE CODE FOR EACH CROP GROWN ON THIS PLOT, THEN RECORD SHARE OF THAT CROP PAID TO RESPONDENT NO...(>> 14)									
13b.	CROP CODES CASSAVA.....1 BANANA.....2 MILK.....3 COCOA.....4 OIL PALM.....5 SUGAR.....6 SUGAR CANE.....7 SUGAR BEET.....8 GROUNDNUT.....9 OTHER (SPECIFY).....10 PEPPER.....11 GRANDES.....12 BANDA.....13 MILK.....14 COCOA.....15 OIL PALM.....16 SUGAR.....17 SUGAR CANE.....18 SUGAR BEET.....19 GROUNDNUT.....20 OTHER (SPECIFY).....21									
13c.	SHARE (%)									
13d.	SHARE (%)									
13e.	SHARE (%)									
13f.	SHARE (%)									
14. Have you received anything else, in cash or kind, on account of the land?	YES...DESCRIBE NO.....2									
15. Do you expect to receive anything else, in cash or kind, on account of the land?	YES...DESCRIBE NO.....2 >> PART C									

- FREQUENCY CODES**
- DAILY.....1
 - WEEKLY.....2
 - MONTHLY.....3
 - QUARTERLY.....4
 - HALF-YEARLY.....5
 - YEARLY.....6
 - OTHER (SPECIFY).....7
 - OTHER (SPECIFY).....8

Village	HHN	Respondent's name	ID Code	Date	Round

PLOT QUESTIONNAIRE

Part H. Plot rights

	Plot Code	1		2		3		4		5		6	
		CROP CODE	REL'SHIP CODE	CROP CODE	REL'SHIP CODE	CROP CODE	REL'SHIP CODE	CROP CODE	REL'SHIP CODE	CROP CODE	REL'SHIP CODE	CROP CODE	REL'SHIP CODE
1a.	Who decides when to harvest the crops on this plot?												
1b.	FUT CROP CODE IN FIRST BOX AND RELATIONSHIP CODE IN SECOND BOX. USE ONE LINE FOR EACH CROP.												
1c.													
1d.													
2a.	Who decides whether and when to sell the crops?												
2b.	FUT CROP CODE IN FIRST BOX AND RELATIONSHIP CODE IN SECOND BOX. USE ONE LINE FOR EACH CROP.												
2c.													
2d.													

IF THE PLOT IS RENTED UNDER SHORT TERM CONTRACT >>NEXT PLOT, OTHERWISE CONTINUE

3.	Who decides who will inherit this plot?	RELATIONSHIP CODE											
4.	Do you know now who will inherit the plot?	RELATIONSHIP CODE											
5.	Who can rent out the plot for a season?	RELATIONSHIP CODE											
6.	Who can lend the plot to someone else?	RELATIONSHIP CODE											
7.	Who can use the plot as collateral?	RELATIONSHIP CODE											
8.	Who can sell the plot?	RELATIONSHIP CODE											
9.	Who can register the plot?	RELATIONSHIP CODE											

Part I. Soil Fertility Ranking

Please rank your plots in order of fertility (from most to least fertile)

1.	Plot ranking	1 = MOST FERTILE											
----	--------------	------------------	--	--	--	--	--	--	--	--	--	--	--

- RELATIONSHIP CODES**
- SELF.....0
 - SPOUSE.....1
 - SIBLING.....2
 - STEP-CHILD.....3
 - PARENT.....4
 - GRANDCHILD.....5
 - GRANDPARENT.....6
 - SIBLING.....7
 - WFM/UNCLE/AUNT.....8
 - NIECE/NEPHEW.....9
 - COUSIN.....10
 - OTHER RELATIVE.....11
 - OTHERS HEAD.....12
 - LINEAGE HEAD.....13
 - OTHER VILLAGER.....14
 - FRIEND NOT IN VILLAGE.....15
 - MEMBER.....16
 - EXTENSION AGENT.....17
 - COOPERATIVE.....18
 - NGO.....19
 - EXPORTER.....20
 - TRADER.....21
 - OTHER (SPECIFY).....21
 - NOT APPLICABLE.....98

Village	IHHN	Respondent's name	ID Code	Date	Round

SALE OF FARM OUTPUT

Part A. Sale of output from own farms

In the past two months, have you sold, or promised to sell, anything grown on plots you control? *Note: Do not include sales of produce from spouse's plots.*

YES...COMPLETE ONE COLUMN FOR EACH TYPE OF CROP SOLD. USE ADDITIONAL SHEETS IF NECESSARY.
NO...(>> PART B)

	1	2	3	4	5	6
1. Crop	CROP CODE					
2. On which plot(s) was this crop grown?	PLOT CODE(S)					
3. When was it harvested?	MM/YY					
4. Who paid/will pay for harvesting this crop?	RELATIONSHIP CODE					
5. How much of the crop did you sell?	NUMBER OF UNITS					
6. How much of the crop did you sell?	UNIT CODE					
7. How much money was it sold for?	IF PAYMENT IN KWD, ESTIMATE VALUE IN GHC					
8. Was the crop sold at market?	YES...1 NO...2 (>> 12)					
9. Did you sell it yourself?	YES...1 (>>NEXT CROP) NO...2					
10. Who sold it?	RELATIONSHIP CODE					
11. How much of the money will you receive?	(>>NEXT CROP)					
12. To whom did you sell the crop?	RELATIONSHIP CODE					
13. Has the buyer received all the crops?	YES...1 (>>16) NO...2					
14. How much remains to be given?	NUMBER OF UNITS					
15. When will you give it to the buyer?	MM/YY					
16. Have you received full payment?	YES...1 (>>NEXT CROP) NO...2					
17. How much remains to be paid?	GHC					
18. When do you expect to be paid?	MM/YY					

- | | | | | | |
|-------------------|---------------------|---------------------------|------------------------|-----------------------------|------------------------------|
| CROP CODES | PEPPER.....10 | RELATIONSHIP CODES | OTHER RELATIVE.....11 | UNIT CODES | BUNCHES.....9 |
| CASAVA.....1 | SELF.....0 | OTHER VILLAGE.....12 | VILLAGE HEAD.....11 | BALLS.....10 | TOMATO TINS (SMALL).....18 |
| MALZE.....2 | SPOUSE.....1 | LINEAGE HEAD.....13 | LINEAGE HEAD.....12 | LOAVES.....11 | TOMATO TINS (LARGE).....19 |
| PLANTAIN.....3 | OTHER VILLAGE.....2 | OTHER VILLAGE.....14 | OTHER VILLAGE.....13 | FRONTS.....10 | MARGARINE TIN (SMALL).....20 |
| COCOA.....4 | PARENT.....3 | STEP-CHILD.....15 | FRIEND.....14 | FRONTS.....11 | MARGARINE TIN (LARGE).....21 |
| COCONUT.....5 | GRANDCHILD.....4 | GRANDCHILD.....16 | EXTENSION AGENT.....15 | BEER BOTTLES.....12 | HEADGARDS.....22 |
| PINEAPPLE.....6 | PARENT.....5 | GRANDCHILD.....17 | COOPERATIVE.....16 | OLONGA/AMERICAN TINS.....13 | SACKETS/PACKETS.....23 |
| TOMATO.....7 | GRANDCHILD.....6 | GRANDCHILD.....18 | COOPERATIVE.....17 | MINIBAG.....14 | TUBERS.....24 |
| GARDEN EGG.....8 | GRANDCHILD.....7 | GRANDCHILD.....19 | NGO.....18 | MAXIBAG.....15 | SMALL BASKETS.....25 |
| OKRO.....9 | GRANDCHILD.....8 | GRANDCHILD.....20 | TRADER.....19 | SMALL BASKETS.....16 | STICKS.....26 |
| | GRANDCHILD.....9 | GRANDCHILD.....21 | OTHER (SPECIFY).....22 | LARGE BASKETS.....17 | OTHER (SPECIFY).....26 |
| | GRANDCHILD.....10 | GRANDCHILD.....22 | | | |

Village	HHN	Respondent's name	ID Code	Date	Round

SALE OF FARM OUTPUT

Part B. Sale of output from spouse's plots

In the past two months, have you sold, or promised to sell, anything grown on plots your spouse controls?

YES...COMPLETE ONE COLUMN FOR EACH TYPE OF CROP SOLD. USE ADDITIONAL SHEETS IF NECESSARY.
 NO... (>> END)

	1	2	3	4	5	6
1. Crop	CROP CODE					
2. ID of spouse who grew crop (if multiple spouses)						
3. When was it harvested?	MM/YY					
4. Who paid/will pay for harvesting this crop?	RELATIONSHIP CODE					
5. How much of the crop did you sell?	NUMBER OF UNITS					
6. How much of the crop did you sell?	UNIT CODE					
7. How much money was it sold for?	IF PAYMENT IN KIND, ESTIMATE VALUE IN GHC					
8. Was the crop sold at market?	YES...1 NO...2 (>> 12)					
9. Did you sell it yourself?	YES...1 (>>NEXT CROP) NO...2					
10. Who sold it?	RELATIONSHIP CODE					
11. How much of the money will you receive?	>>NEXT CROP					
12. To whom did you sell the crop?	RELATIONSHIP CODE					
13. Has the buyer received all the crops?	YES...1 (>>16) NO...2					
14. How much remains to be given?	NUMBER OF UNITS					
15. When will you give it to the buyer?	MM/YY					
16. Have you received full payment?	YES...1 (>>NEXT CROP) NO...2					
17. How much remains to be paid?	GHC					
18. When do you expect to be paid?	MM/YY					

CROP CODES	RELATIONSHIP CODES	UNIT CODES
PEPPER.....10	OTHER RELATIVE.....11	BUNCHES.....9
ORANGES.....11	VILLAGE HEAD.....12	BALLS.....10
BANANA.....12	LINEAGE HEAD.....13	GRAMS.....11
AVOCADO.....13	OTHER VILLAGER.....14	LOAVES.....11
OIL PALM.....14	FRIEND NOT IN VILLAGE.....15	BUNDLES.....12
COCOA.....15	PRIEST.....16	BEER BOTTLES.....13
SUGAR CANE.....16	COOPERATIVE.....17	HEADLADS.....22
SUGAR.....17	NGO.....18	AMERICAN TINS.....23
BEAN.....18	EXPORTER.....19	BUCKETS.....15
BEAN CURRY.....19	WFOFA/UNCLE/AUNT.....20	TUBERS.....23
BEAN MOUT.....20	WIFE/NEPHEW.....21	SMALL BASKETS.....16
OTHER (SPECIFY).....19		LARGE BASKETS.....17
		OTHER (SPECIFY).....26

Village	HHN	Respondent's name	ID Code	Date	Round

OTHER INCOME

Part A: Non-farm business income

Have you conducted any business other than farming in the past two months?

YES...COMPLETE ONE COLUMN FOR EACH NON-FARM BUSINESS.
 USE ADDITIONAL SHEETS IF NECESSARY.
 NO...(> PART B)

	1	2	3	4
1. Description of business				
2. Initial stock of raw materials and goods for sale (replacement value)	GHC			
3. Raw materials/goods purchased	GHC			
4. Raw materials/goods obtained from own farm	GHC			
5. Own labour				
6. Spouse's labour				
7. Other unpaid labour				
8. Wages	GHC			
9. Payments for other services	GHC			
10. Transport, fuel costs	GHC			
11. Building costs, equipment purchase	GHC			
12. Equipment/building repairs, rent paid	GHC			
13. Taxes and fees paid	GHC			
14. Other expenses (INCLUDE DESCRIPTION)	GHC			
15. Sales receipts	GHC			
16. Own and household consumption of business output	GHC			
17. Other payments, gifts and donations to the business	GHC			
18. Final stock of raw materials and goods for sale	GHC			

Village	HHN	Respondent's name	ID Code	Date	Round

OTHER INCOME

Part B: Labour income

Have you done any work for other people or organisations in the past two months?

YES...COMPLETE ONE COLUMN FOR EACH JOB WORKED IN PAST TWO MONTHS.
 USE ADDITIONAL SHEETS IF NECESSARY.
 NO...(>> PART C)

	1	2	3	4
1. Occupation or type of work	OCCUPATION CODE AND DESCRIPTION IF APPLICABLE			
2. For whom did you work?	EMPLOYER CODE			
3. Is the employment temporary or permanent?	TEMPORARY...1 PERMANENT...2			
4. How many days did you work in the past two months?	DAYS			
5. How much cash were you paid for the work?	GHC			
6. Did you receive any goods in kind for the work?	DESCRIPTION			
7.	VALUE (GHC)			
8. Have you been paid in full?	YES...1 (>>NEXT JOB) NO...2			
9. Value of any remaining payment expected	GHC			

OCCUPATION CODES
 FARMER.....1
 TEACHER.....2
 TAXI/TRO-DRIVER...3
 TRUCK DRIVER.....4
 ARTISAN.....5
 CONSTRUCTION WORKER...6
 MASON.....8
 CARPENTER/CARVER...9
 HERBALIST.....10
 HAIRDRESSER.....11
 HEALTH WORKER.....12
 OFFICE WORKER.....13

**BAKER/COOK.....15
 PRIEST.....16
 ELDER.....17
 STUDENT.....18
 UNEMPLOYED.....19
 NOT IN LABOR FORCE...20**

EMPLOYER CODES
 SPOUSE.....1
 CHILD.....2
 PARENT.....3
 OTH HH MEMBER.....4
 OTH RELATIVE.....5

**FRIEND IN VILLAGE.....6
 FRIEND ELSEWHERE.....7
 OTHER VILLAGER.....8
 COMPANY <5 WORKERS...9
 COMPANY 5-10 WORKERS..10
 COMPANY >10 WORKERS...11**

**SCHOOL.....12
 CHURCH.....13
 NGO OR NONPROFIT.....14
 GOVERNMENT.....15
 OTHER (SPECIFY).....16**

Village	HHIN	Respondent's name	ID Code	Date	Round

OTHER INCOME

Part C. Other farm income

Have you earned any income from farms outside this village in the past two months?
 YES...LIST INCOME FOR EACH FARM OUTSIDE VILLAGE.
 NO.....(>> PART D)

1.	2.	3.	4.	5.
Location	Main crop	Revenue	Expenses	Net Income
LOCATION CODE	CROP CODE	GHC	GHC	GHC
a.				
b.				
c.				
d.				
e.				
f.				

- LOCATION CODES**
- DABAN/AHMETIASA.....1
 - FOROM/NSABAA.....2
 - OBONDIGA/KWAMEKROM.....3
 - KONKONURU.....4
 - ABURU.....5
 - NSABAN.....6
 - EASTERN REGION (RURAL) 7
 - EASTERN REGION (URBAN) 8
 - ACCRA.....9
 - OTHER URBAN.....10
 - OTHER RURAL.....11
 - NOT IN GHANA.....12
- CROP CODES**
- CASSAVA.....1
 - MAIZE.....2
 - PLANTAIN.....3
 - COCOYAM.....4
 - YAM.....5
 - FINEAPPLE.....6
 - TOMATO.....7
 - GARDEN EGG.....8
 - OKRO.....9
 - PEPPER.....10
 - ORANGES.....11
 - BANANA.....12
 - AVOCADO.....13
 - OLL PALM.....14
 - COCOA.....15
 - SUGAR CANE.....16
 - BEAN.....17
 - GROUNDNUT.....18
 - OTHER (SPECIFY).....19

Part D. Other income

Have you received income from any other source in the past two months? For example, a pension, investment dividends, prize winnings or sales of land?

YES...LIST OTHER INCOME AND PROBE FOR PRIZE WINNINGS
 NO.....(>> PART E)

1. Description	2. Amount
a.	
b.	
c.	
d.	
e.	
f.	
g.	
h.	
i.	

Part E. Spouse's other income

Aside from sales of farm produce, has your spouse received any other income in the past two months? For example, from non-farm business, paid work, farms outside town, pensions or prize winnings?

YES...LIST ALL SPOUSE'S INCOME SOURCES AND PROBE FOR PRIZE WINNINGS
 NO.....(>> END)

1. Spouse ID	2. Description (Source)	3. Net Income
a.		
b.		
c.		
d.		
e.		
f.		
g.		
h.		
i.		

Village	HHN	Respondent's name	ID Code	Date	Round

CONSUMPTION

Part A. Purchased food

I would like to know about the food your household has bought in the past month:

1. Has anyone in your household bought any [...] in the past month?	2. READ OUT THE LIST AND PLACE A CROSS IN THE BOX FOR ANY FOODS CONSUMED. THEN RETURN TO THE FIRST ITEM AND COMPLETE Q3-13 FOR THOSE ITEMS CONSUMED.	3. How much [...] has your household bought over the past month?		4. How much [...] has total was spent on [...]?		5. How many times have you bought [...] in the past month?		6. How much did you buy each time, on average?		7. How many times has your spouse(s) bought [...] in the past month?		8. How much did your spouse(s) buy each time, on average?		9. How much did they pay for it last time they bought it?
		QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	IF NEVER WRITE ZERO AND >> 10	UNIT CODE	QUANTITY	UNIT CODE	IF NEVER WRITE ZERO AND >> NEXT ITEM	QUANTITY	UNIT CODE		
a. Maize														
b. Com dough														
c. Rice														
d. Bread														
e. Macaroni or flour														
f. Cassava														
g. Garri, kokonte or other cassava														
h. Yams														
i. Cocoyam														
j. Plantain														
k. Potato, sweet potato, millet, guinea corn or sorghum														
l. Oil palm fruit														
m. Groundnuts														
n. Seafood														
o. Chicken														

- | | | | | | | | | | |
|------------|---|---------|----|----------------------|----|-----------------------|----|-----------------------|----|
| UNIT CODES | 1 | MAXIBAG | 6 | LOAVES | 11 | SMALL BASKETS | 16 | MARGARINE TIN (LARGE) | 21 |
| GRAMS | 2 | LITRES | 12 | BUNDLES | 12 | LARGE BASKETS | 17 | HEADLOADS | 22 |
| KILOGRAMS | 3 | ROPE | 13 | BEER BOTTLES | 13 | TOMATO TINS (SMALL) | 18 | SACHETS/PACKETS | 23 |
| POUNDS | 4 | BUNCHES | 14 | OLONKA/AMERICAN TINS | 14 | TOMATO TINS (LARGE) | 19 | TUBERS | 24 |
| MINIBAG | 5 | BALLS | 15 | BUCKETS | 15 | MARGARINE TIN (SMALL) | 20 | STICKS | 25 |
| | | | | | | | | OTHER (SPECIFY) | 26 |

Village	HHN	Respondent's name	ID Code	Date	Round

CONSUMPTION: FOOD PURCHASED
Part A. Purchased food (continued)

1. Has anyone in your household bought any [...] in the past month?	2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.		13.				
	How much [...] has your household bought over the past month?		QUANTITY	UNIT CODE	How many times have you bought [...] in the past month?		IF NEVER WRITE ZERO AND >> 10	QUANTITY	UNIT CODE	How much did you buy each time, on average?		QUANTITY	UNIT CODE	How much did you pay for it last time you bought it?		GHC	How many times has your spouse(s) bought [...] in the past month?		IF NEVER WRITE ZERO AND >> NEXT ITEM	How much did your spouse(s) buy each time, on average?		QUANTITY	UNIT CODE	How much did they pay for it last time they bought it?		GHC	
	<p>READ OUT THE LIST AND PLACE A CROSS IN THE BOX FOR ANY FOODS CONSUMED. THEN RETURN TO THE FIRST ITEM AND COMPLETE Q3-13 FOR THOSE ITEMS CONSUMED.</p>																										
p.	Other poultry (pigeon, duck,...)																										
q.	Beef																										
r.	Goat or sheep																										
s.	Bushmeat																										
t.	Eggs																										
u.	Palm oil																										
v.	Margarine, butter																										
w.	Pineapples																										
x.	Other fruit																										
y.	Sugar cane, toffee, honey																										
z.	Milo, tea, coffee																										
aa.	Milk, milk powder, baby food																										
bb.	Non-alcoholic beverages																										
cc.	Alcoholic beverages																										
dd.	Salt																										

UNIT CODES
 NUMBER.....1
 GRAMS.....2
 KILOGRAMS.....3
 POUNDS.....4
 MINIBAG.....5
 MAXIBAG.....6
 LITRES.....7
 ROPES.....8
 BUNCHES.....9
 BALLS.....10
 LOAVES.....11
 BUNDLES.....12
 BEER BOTTLES.....13
 OLONKA/AMERICAN TINS.....14
 BUCKETS.....15
 SMALL BASKETS.....16
 LARGE BASKETS.....17
 TOMATO TINS (SMALL).....18
 TOMATO TINS (LARGE).....19
 MARGARINE TIN (SMALL).....20
 MARGARINE TIN (LARGE).....21
 HEADLOADS.....22
 SACHETS/PACKETS.....23
 TUBERS.....24
 STICKS.....25
 OTHER (SPECIFY).....26

Village	HHN	Respondent's name	ID Code	Date	Round

CONSUMPTION

Part B. Food consumed from household farms

Now I would like to know how much food your household has consumed from your household's farms.

1. Has anyone consumed any [...] from your household's farms in the past month?	2.		3. How much [...] has your household consumed from its farms over the past month?		4. How much [...] has your household consumed from its farms?		5. How much [...] would this be worth if it were sold?		6. How much of the [...] consumed came from your farms?		7. How much of the [...] consumed came from your farms?		8. How much [...] would this be worth if it were sold?		9. How much of the [...] consumed came from your spouses' farms?		10. How much [...] would this be worth if it were sold?		11. How much [...] would this be worth if it were sold?	
	UNIT CODES	NUMBER	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE	QUANTITY	UNIT CODE
a. Maize																				
b. Cassava																				
c. Garri, kokonte or other cassava																				
d. Yams																				
e. Cocoyam																				
f. Plantain																				
g. Potato, sweet potato																				
h. Oil palm fruit																				
i. Groundnuts																				
j. Seafood																				
k. Chicken																				
l. Other poultry (pigeon, duck,...)																				
m. Goat or sheep																				
n. Bushmeat																				
o. Eggs																				

- UNIT CODES
- NUMBER.....1
 - GRAMS.....2
 - KILOGRAMS.....3
 - POUNDS.....4
 - MINIBAG.....5
 - WAXIBAG.....6
 - LITRES.....7
 - POPS.....8
 - BUNCHES.....9
 - BALLS.....10
 - LOAVES.....11
 - BUNDLES.....12
 - BEER BOTTLES.....13
 - OLONKA/AMERICAN TINS.....14
 - BUCKETS.....15
 - SMALL BASKETS.....16
 - LARGE BASKETS.....17
 - TOMATO TINS (SMALL).....18
 - MARGARINE TIN (SMALL).....19
 - MARGARINE TIN (LARGE).....20
 - HEADLOADS.....21
 - SACHETS/PACKETS.....22
 - TUBERS.....23
 - STICKS.....24
 - OTHER (SPECIFY).....25
 -26

Village	HHN	Respondent's name	ID Code	Date	Round

CONSUMPTION

Part B. Food consumed from household farms (continued)

1.	2.	3.		4.		5.		6.		7.		8.		9.		10.		11.	
		Has anyone consumed any [...] from your household's farms in the past month?	READ OUT THE LIST AND PLACE A CROSS IN THE BOX FOR ANY FOODS CONSUMED. THEN RETURN TO THE FIRST ITEM AND COMPLETE Q3-11 FOR THOSE ITEMS CONSUMED.	How much [...] has your household consumed from its farms over the past month?	UNIT CODE	QUANTITY	How much [...] consumed came from your farms?	UNIT CODE	QUANTITY	How much [...] consumed came from your spouses' farms?	UNIT CODE	QUANTITY	How much [...] would this be worth if it were sold?	UNIT CODE	QUANTITY	How much [...] would this be worth if it were sold?	UNIT CODE	QUANTITY	
p.	Palm oil																		
q.	Other oil																		
r.	Pineapples																		
s.	Other fruit																		
t.	Sugar cane, honey																		
u.	Palm wine, akpeteshie																		
v.	Other drinks																		
w.	Tomatoes																		
x.	Onions																		
y.	Garden egg, okro																		
z.	Beans, peas																		
aa.	Pepper																		
bb.	Kontomle																		
cc.	Other vegetables																		
dd.	Other foods																		

- UNIT CODES
- NUMBER.....1
 - GRAMS.....2
 - KILOGRAMS.....3
 - POUNDS.....4
 - MINIBAG.....5
 - MAXIBAG.....6
 - LITRES.....7
 - ROPES.....8
 - BUNCHES.....9
 - BALLS.....10
 - LOAVES.....11
 - BUNDLES.....12
 - BEER BOTTLES.....13
 - OLONKA/AMERICAN TINS.....14
 - BUCKETS.....15
 - SMALL BASKETS.....16
 - LARGE BASKETS.....17
 - TOMATO TINS (SMALL).....18
 - TOMATO TINS (LARGE).....19
 - MARGARINE TIN (SMALL).....20
 - MARGARINE TIN (LARGE).....21
 - HEADLOADS.....22
 - SACHETS/PACKETS.....23
 - TUBERS.....24
 - STICKS.....25
 - OTHER (SPECIFY).....26

Village	HHN	Respondent's name	ID Code	Date	Round
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CONSUMPTION

Part C. Other purchased items

Now I would like to ask about other things your household has bought in the past month.

1.	2.	3.	4.	5.	6.	7.	8.
Has anyone in your household spent money on [...] in the past month?		How many [...] did your household purchase/pay for?	How much in total did your household spend on [...] in the past month?	How many [...] did you purchase/pay for?	How much did you personally spend on [...] in the past month?	How many [...] did your spouse(s) purchase/pay for?	How much did your spouse(s) spend on [...] in the past month?
a.	School fees <small>READ OUT THE LIST AND PLACE A CROSS IN THE BOX FOR ANY ITEMS PURCHASED. THEN RETURN TO THE FIRST LINE AND COMPLETE Q3-8 FOR THOSE ITEMS PURCHASED.</small>	IF NONE WRITE ZERO AND >> NEXT ITEM	GHC	IF NONE WRITE ZERO AND >> 7	GHC	IF NONE WRITE ZERO AND >> NEXT ITEM	GHC
b.	Other school expenses						
c.	Medicine (purchased by your household)						
d.	Other medical expenses (including NHIS premiums)						
e.	Adult shoes						
f.	Children's shoes						
g.	Cloth						
h.	Adult clothes						
i.	Children's clothes						
j.	Material for adult clothes						
k.	Material for children's clothes						
l.	Soap						
m.	Personal care products (pomade, combs, shampoo,...)						
n.	Brooms, home maintenance, cleaning products						
o.	Home repairs, painting						

Village	HHN	Respondent's name	ID Code	Date	Round
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CONSUMPTION

Part C. Other purchased items (continued)

1.	2.	3.	4.	5.	6.	7.	8.
	Has anyone in your household spent money on [...] in the past month?	How many [...] did your household purchase/pay for?	How much in total did your household spend on [...] in the past month?	How many [...] did you purchase/pay for?	How much did you personally spend on [...] in the past month?	How many [...] did your spouse(s) purchase/pay for?	How much did your spouse(s) spend on [...] in the past month?
	<p>READ OUT THE LIST AND PLACE A CROSS IN THE BOX FOR ANY ITEMS PURCHASED. THEN RETURN TO THE FIRST LINE AND COMPLETE Q3-8 FOR THOSE ITEMS PURCHASED.</p>	<p>IF NONE WRITE ZERO AND >> NEXT ITEM</p>	<p>GHC</p>	<p>IF NONE WRITE ZERO AND >> 7</p>	<p>GHC</p>	<p>IF NONE WRITE ZERO AND >> NEXT ITEM</p>	<p>GHC</p>
p.	Public transport						
q.	Petrol, motor oil						
r.	Repairs, other vehicle expenses						
s.	Newspapers, books, stationery						
t.	Charcoal, firewood						
u.	Matches, candles						
v.	Other fuel for cooking, light						
w.	Stove, coal pot						
x.	Kitchen equipment (pots, pans)						
y.	Lanterns						
z.	Electricity and water						
aa.	Telephone bills, phone credit						
bb.	Furniture						
cc.	Sheets, towels						
dd.	Rent						

Village	HHN	Respondent's name	ID Code	Date	Round

CONSUMPTION

Part C. Other purchased items (continued)

1.	2.	3.	4.	5.	6.	7.	8.
	Has anyone in your household spent money on [...] in the past month?	How many [...] did your household purchase/pay for?	How much in total did your household spend on [...] in the past month?	How many [...] did you purchase/pay for?	How much did you personally spend on [...] in the past month?	How many [...] did your spouse(s) purchase/pay for?	How much did your spouse(s) spend on [...] in the past month?
	<p>READ OUT THE LIST AND PLACE A CROSS IN THE BOX FOR ANY ITEMS PURCHASED. THEN RETURN TO THE FIRST LINE AND COMPLETE Q3-8 FOR THOSE ITEMS PURCHASED.</p>	<p>IF NONE WRITE ZERO AND >> NEXT ITEM</p>	<p>GHC</p>	<p>IF NONE WRITE ZERO AND >> 7</p>	<p>GHC</p>	<p>IF NONE WRITE ZERO AND >> NEXT ITEM</p>	<p>GHC</p>
ee.	Hairdressing, haircuts						
ff.	Domestic servants						
gg.	Jewelry, watches, camera						
hh.	Entertainment (cinema, sports, tapes, toys)						
ii.	Taxes						
jj.	Weddings, dowries						
kk.	Funerals						
ll.	Lottery tickets						
mm.	Cigarettes, tobacco, cola						
nn.	Sewing machine						
oo.	Radio, tape player						
pp.	Other major appliance						
qq.	Bicycle						
rr.	Car, motorbike, other vehicle						
ss.	Other (specify)						

Village	HHN	Respondent's name	ID Code	Date	Round

ASSETS

Part A. Food and farm output

What stores of food or farm output does your household have right now?

1. Do you have any ... <small>YES... CHECK BOX AND ANSWER Q3-8 NO...>> NEXT ITEM</small>	2.	3. How is the [...] treated? <small>TREATMENT CODE</small>	4. How much / how many [...] do you have?		5.	6. How much money could you sell the [...] for? <small>GHC</small>	7. When did you purchase, harvest or receive it? <small>DATE (MM/YY) (if multiple, give latest)</small>	8. Who owns the [...]? <small>SELF.....1 SPOUSE.....2 OTHER HH MEMBER.....3 SOMEBODY OUTSIDE HOUSEHOLD.....4</small>
			QUANTITY	UNIT CODE				
a.	Cassava							
b.	Maize							
c.	Cocoyam							
d.	Yam							
e.	Pineapple							
f.	Tomato							
g.	Pepper							
h.	Bean							
i.	Plantain							

Any others I have not mentioned?

j.								
k.								
l.								
m.								
n.								
o.								

- TREATMENT CODES**
- FRESH.....0
 - DRIED.....1
 - SMOKED.....2
 - DUSBAN.....3
 - OTHER (SPECIFY).....4
- UNIT CODES**
- NUMBER.....1
 - GRAMS.....2
 - KILOGRAMS.....3
 - POUNDS.....4
 - MINIBAG.....5
 - MAXIBAG.....6
 - LITRES.....7
 - ROPES.....8
 - BUNCHES.....9
 - BALLS.....10
 - LOAVES.....11
 - BUNDLES.....12
 - BEER BOTTLES.....13
 - OLONKA/AMERICAN TINS.....14
 - BUCKETS.....15
 - SMALL BASKETS.....16
 - LARGE BASKETS.....17
 - TOMATO TINS (SMALL).....18
 - TOMATO TINS (LARGE).....19
 - MARGARINE TIN (SMALL).....20
 - MARGARINE TIN (LARGE).....21
 - HEADLOADS.....22
 - SACHETS/PACKETS.....23
 - TUBERS.....24
 - STICKS.....25
 - OTHER (SPECIFY).....26

Village	HHN	Respondent's name	ID Code	Date	Round

ASSETS

Part B. Stocks of seeds and planting materials

What stocks of seeds or planting materials do you have?

1. Do you have any seeds or planting materials for...	2.	3. How much / how many [...] do you have?		4.	5. How much money could you sell the [...] for?	6. When did you purchase, harvest or receive this item?	7. Who owns the [...]?
		QUANTITY	UNIT CODE				
a. Cassava					GHC		
b. Maize							
c. Cocoyam							
d. Yam							
e. Pineapple							
f. Tomato							
g. Pepper							
h. Bean							
i. Plantain							

- UNIT CODES
- NUMBER.....1
 - GRAMS.....2
 - KILOGRAMS.....3
 - POUNDS.....4
 - MINIBAG.....5
 - MAXIBAG.....6
 - LITRES.....7
 - ROPES.....8
 - BONCHES.....9
 - BALLS.....10
 - LOAVES.....11
 - BUNDLES.....12
 - BEER BOTTLES.....13
 - OLONKA/AMERICAN TINS.....14
 - BUCKETS.....15
 - SMALL BASKETS.....16
 - LARGE BASKETS.....17
 - TOMATO TINS (SMALL).....18
 - TOMATO TINS (LARGE).....19
 - MARGARINE TIN (SMALL).....20
 - MARGARINE TIN (LARGE).....21
 - HEADLOADS.....22
 - SACHETS/PACKETS.....23
 - TUBERS.....24
 - STICKS.....25
 - OTHER (SPECIFY).....26

Any others I have not mentioned?

j.							
k.							
l.							
m.							
n.							
o.							

Village	HHN	Respondent's name	ID Code	Date	Round

ASSETS
Part C. Farm equipment

What equipment does your household own which is used for farming?

1.	2.	3.		4.	5.	6.	7.	
		How much / how many [...] do you have?	How much money would the [...] be worth now?					
Do you have...		When was the item received/purchased?		Who owns the [...]?				
YES...CHECK BOX AND ANSWER Q3-7 NO...>> NEXT ITEM		QUANTITY	UNIT CODE	DATE (MM/YY) (If multiple, give latest)	SELF.....1 SPOUSE.....2 OTHER HH MEMBER...3 SOMEBODY OUTSIDE HOUSEHOLD.....4			
a.	Cutlass			GHC				
b.	Sprayer							
c.	Knapsack							
d.	Hoe							
e.	Chemicals							
f.	Fertilizer							
g.	Mattock							
h.	Rake							
i.	Shovel							
j.	Chain saw							
k.	Gun							
l.	Pipe							
m.	Barrel / drum							
n.	Mist blower							
o.	Other tools							

Does the household have any other items used for farming?

p.							
q.							
r.							

- UNIT CODES**
- NUMBER.....1
 - GRAMS.....2
 - KILOGRAMS.....3
 - POUNDS.....4
 - MINIBAG.....5
 - MAXIBAG.....6
 - LITRES.....7
 - ROPES.....8
 - BUNCHES.....9
 - BALLS.....10
 - LOAVES.....11
 - BUNDLES.....12
 - BEER BOTTLES.....13
 - OLONKA/AMERICAN TINS.....14
 - BUCKETS.....15
 - SMALL BASKETS.....16
 - LARGE BASKETS.....17
 - TOMATO TINS (SMALL).....18
 - TOMATO TINS (LARGE).....19
 - MARGARINE TIN (SMALL).....20
 - MARGARINE TIN (LARGE).....21
 - HEADLOADS.....22
 - SACHETS/PACKETS.....23
 - TUBERS.....24
 - STICKS.....25
 - OTHER (SPECIFY).....26

Village	HHN	Respondent's name	ID Code	Date	Round

ASSETS

Part D. Other durable assets

Does your household own any of the following items?

1.	2.	3.	4.	5.	6.
Does anyone have...	How many?	How much money would the [...] be worth now?	When was the [...] purchased / received?	Whom does the [...] belong to?	
YES...CHECK BOX AND ANSWER Q3-6 NO...>> NEXT ITEM	QUANTITY	GHC	DATE (MM/YY) (if multiple, give latest)	SELF.....1 SPOUSE.....2 OTHER HH MEMBER.....3 SOMEBODY OUTSIDE HOUSEHOLD.....4	
a. Cooking utensils					
b. Sewing machine					
c. Car					
d. Truck					
e. Bicycle					
f. Radio / tape recorder					
g. Television					
h. Telephone					
i. Refrigerator					
j. Grinding mill					
k. Comb / scissors					
l. Hammer					
m. Pot / bowl					
n. Fan					
o. Other tools					

Does the household have any other items used for business activities?

p.					
q.					
r.					

Village	HHN	Respondent's name	ID Code	Date	Round

ASSETS
Part E. Livestock

Please tell me about the animals owned by your household.

1.	2.	3.			6.	7.	8.
		How many?					
Does anyone in your household own...							
YES...ANSWER Q2-8 NO...>>> NEXT ITEM							
		Male	Female	Total			
a.	Goats	Adults					
		Kids					
c.	Sheep	Adults					
		Lambs					
e.	Pigs	Adults					
		Piglets					
g.	Chickens	Layers					
		Broilers					
		Local					
j.	Guinea fowl						
k.	Other poultry:						
l.	Rabbits						

Any other animals (e.g. cattle, horses, grasscutters, fish)?

m.							
n.							
o.							

Village	HHN	Respondent's name	ID Code	Date	Round

ASSETS

Part F. Other tradeable goods

Does anyone in your household have any tradeable goods or merchandise, other than stores of food or farm output mentioned earlier?

1 If yes, what are they? GIVE CROP CODE OR DESCRIPTION	2 How much or how many [...]?		3	4 How much money could they be sold for?	5 When was the [...] purchased / received?	6 Who owns them?
	QUANTITY	UNIT CODE	GHC	DATE (If multiple, give latest)	SELF.....1 SPOUSE.....2 OTHER HH MEMBER.....3 SOMEBODY OUTSIDE HOUSEHOLD.....4	
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
j.						
k.						
l.						
m.						
n.						
o.						

- CROP CODES**
- CASSAVA.....1
 - MALFE.....2
 - PLANTAIN.....3
 - COCUYAM.....4
 - YAM.....5
 - PINEAPPLE.....6
 - TOMATO.....7
 - GARDEN EGG.....8
 - OKRO.....9
 - PEPPER.....10
 - ORANGES.....11
 - BANANA.....12
 - AVOCADO.....13
 - OIL PALM.....14
 - COCOA.....15
 - SUGAR CANE.....16
 - BEAN.....17
 - GROUNDNUT.....18
 - OTHER (SPECIFY).....19

- UNIT CODES**
- NUMBER.....1
 - GRAMS.....2
 - KILOGRAMS.....3
 - POUNDS.....4
 - MINIBAG.....5
 - MAXIBAG.....6
 - LITRES.....7
 - ROPES.....8
 - BUNCHES.....9
 - BALLS.....10
 - LOAVES.....11
 - BUNDLES.....12
 - BEER BOTTLES.....13
 - OLONKA/AMERICAN TINS.....14
 - BUCKETS.....15
 - SMALL BASKETS.....16
 - LARGE BASKETS.....17
 - TOMATO TINS (SMALL).....18
 - TOMATO TINS (LARGE).....19
 - MARGARINE TIN (SMALL).....20
 - MARGARINE TIN (LARGE).....21
 - HEADLOADS.....22
 - SACHETS/PACKETS.....23
 - TUBERS.....24
 - STICKS.....25
 - OTHER (SPECIFY).....26

Village	HHN	Respondent's name	ID Code	Date	Round

FINANCIAL ASSETS

Now I would like to ask about your financial assets. Please remember this survey is confidential. You will not be identified in any documents we publish. Your personal information will not be reported to anyone.

Part A. Susu funds

Are you a member of a susu or esusu group?

IF NO, >> PART B

Please tell me about each group you belong to.

1.	2.	3.	4.	5.	6.
What type of group is it? SUSU.....1 ESUSU.....2	How often do you deposit? FREQUENCY CODE	Deposit amount GHC	What is your balance? GHC	Date you will receive the funds (if known) DD/MM/YY	What is your relationship to the collector? RELATIONSHIP CODE
a.					
b.					
c.					

Part B. Funds in other savings/insurance cooperatives

Are you a member of a savings or insurance cooperative other than susu or esusu, such as a burial society?

IF NO, >> PART C

Please tell me about each group you belong to.

1.	2.	3.	4.	5.	6.
Description of group	Contribution amount GHC	Frequency of contribution FREQUENCY CODE	When did you last receive money from the group? DATE (MM/YY)	Amount received GHC	Do/did you have to repay? NO.....1 YES, WITH INTEREST.....2 YES, WITHOUT INTEREST.....3 OTHER...SPECIFY
a.					
b.					
c.					

RELATIONSHIP CODES
 SELF.....0
 SPOUSE.....1
 CHILD.....2
 PARENT.....3
 GRANDCHILD.....4
 GRANDPARENT.....5
 SIBLING.....6
 WOFA.....7
 UNCLE/AUNT.....8
 COUSIN.....9
 FRIEND.....10
 EXTENSION AGENT.....11
 MARGRET.....12
 COOPERATIVE.....13

LOCATION CODES
 DABU/AHERTASE.....14
 EXPORTER.....15
 VILLAGE HEAD.....16
 LINEAGE HEAD.....17
 PRIEST.....18
 NSAWAM.....19
 OTHER (SPECIFY).....20

LOCATION CODES
 DABU/AHERTASE.....1
 FOROFO/NSABARA.....2
 KOKONKON/ANMEBROM.....3
 ABULI.....4
 NSAWAM.....5
 OTHER RURAL.....6

EASTERN REGION (RURAL) 7
EASTERN REGION (URBAN) 8
 ACCRA.....9
 OTHER URBAN.....10
 OTHER RURAL.....11
 NOT IN GHANA.....12
 OTHER (SPECIFY).....13

FREQUENCY CODES
 DAILY.....1
 WEEKLY.....2
 FORTNIGHTLY.....3
 MONTHLY.....4
 QUARTERLY.....5
 HALF-YEARLY.....6
 YEARLY.....7
 OTHER (SPECIFY).....8

Part C. Money held by respondent

Are you holding money for anyone?

IF NO, >> PART D

Please tell me about each amount.

1.	2.	3.	4.
For whom are you holding money? RELATIONSHIP CODE	Where do they live? LOCATION CODE	How much money? GHC	When did you receive the money? DATE (MM/YY)
a.			
b.			
c.			

Part D. Money held by others

Is anyone holding money for you?

IF NO, >> END

Please tell me about each amount.

1.	2.	3.	4.
Who is holding your money? RELATIONSHIP CODE	Where do they live? LOCATION CODE	How much money? GHC	When did you give them the money? DATE (MM/YY)
a.			
b.			
c.			

Village	HHN	Respondent's name	ID Code	Date	Round

FINANCIAL ASSETS

Part E. Other financial assets

1. Do you have a bank account?
YES.....1
NO.....2 (>> 3)

2. What is the balance today?
GHC

3. Do you own any stocks, bonds, or other financial assets?
YES.....1
NO.....2 (>> 5)

4. How much are they worth today?

5. Do you currently receive a pension, or expect to soon?
YES.....1
NO.....2 (>> 9)

6. How much is the pension (per month)?

7. Who pays (or will pay) you the pension?
EMPLOYER
CODE

8. When did/will the pension begin?
DATE
(MM/YY)

What value (if any) of the following items do you own?

9. Jewelry GHC

10. Cloth (e.g. kente) GHC

11. Cash GHC

12. Foreign currency
 a. Currency CODE
 b. Amount NUMBER

13. In the past year, have you spent money on buildings (other than for basic repairs)?
YES.....1
NO.....2 (>> END)

14. How much have you spent on buildings in:
 a. This village/town? GHC
 b. Elsewhere? GHC

EMPLOYER CODES
 COMPANY <5 WORKERS.....9
 COMPANY 5-10 WORKERS...10
 COMPANY >10 WORKERS...11
 SCHOOL.....12
 CHURCH.....13
 NGO OR NONPROFIT.....14
 GOVERNMENT.....15
 OTHER (SPECIFY).....16

Village	HHN	Respondent's name	ID Code	Date	Round

GIFTS AND TRANSFERS

Part C. Inter-spousal transfers

1. Do you normally give your spouse money to buy food for the household?
 YES...1
 NO...2 (>>4)

2. How much would you give in a normal week?
 YES...1
 NO...2 (>>9)

3. How much did you give in the week just past?
 YES...1
 NO...2 (>>4)

Day	Amount
a. Monday	
b. Tuesday	
c. Wednesday	
d. Thursday	
e. Friday	
f. Saturday	
g. Sunday	

Day	Amount
a. Monday	
b. Tuesday	
c. Wednesday	
d. Thursday	
e. Friday	
f. Saturday	
g. Sunday	

Description	Value
a.	
b.	
c.	
d.	
e.	

Description	Value
f.	
g.	
h.	
i.	
j.	

4. Have you given your spouse any unusual payments of money in the past month?
 YES...1
 NO...2 (>>BND)

5. Have you given your spouse money to trade or for another business within the past month?
 YES...1
 NO...2 (>>BND)

Date	Amount	Comment
a.		
b.		
c.		
d.		
e.		
f.		
g.		

Description	Value
a.	
b.	
c.	
d.	
e.	

Description	Value
f.	
g.	
h.	
i.	
j.	

6. What factors are considered when deciding these amounts?
 YES...1
 NO...2 (>>9)

7. Have you given your spouse anything else of value in the past month?
 YES...1
 NO...2 (>>9)

8. Who usually determines these amounts?
 SELF...1
 SPOUSE...2

11. What happens to the money s/he makes from trading or that business?
 YES...1
 NO...2 (>>BND)

Village	HHN	Respondent's name	ID Code	Date	Round

LOANS QUESTIONNAIRE

Part A. Lending

In the past two months, have you given any loans of money, food or goods to other people, including your spouse?

YES...USE ONE COLUMN BELOW FOR EACH LOAN GIVEN
NO..... > PART B

	a.	b.	c.
1. Name of recipient			
2. Sex of recipient	MALE...1 FEMALE...2		
3. Relationship of recipient	RELATIONSHIP CODE		
4. Where does the recipient live?	LOCATION CODE		
5. When did you make the loan?	DATE		
6. Description of item(s) lent			
7. Cash amount or estimated value of item lent	GHC		
8. Amount to be repaid (if cash)	GHC		
9. What will the loan be used for?	PURPOSE CODE		
10. Has the loan been repaid?	YES...1 (>>12) NO...2		
11. When do you expect to be repaid?	MM/YY		
12. Was there a witness to the loan?	YES...1 NO...2 (>>14)		
13. Relationship of witness	RELATIONSHIP CODE		
14. Was there any collateral?	YES...DESCRIBE NO...NEXT LOAN		
15. How much is the collateral worth?	GHC		
16. Who is using the collateral now?	BORROWER...1 LENDER...2 OTHER...3		

- RELATIONSHIP CODES**
- SELF.....0
 - SPOUSE.....1
 - CHILD.....2
 - STEP-CHILD.....3
 - PARENT.....4
 - GRANDCHILD.....5
 - GRANDPARENT.....6
 - STRLING.....7
 - NOFA/UNCLE/AUNT.....8
 - NIECE/NEPHEW.....9
 - COUSIN.....10
 - OTHER RELATIVE.....11
 - VILLAGE HEAD.....12
 - LINEAGE HEAD.....13
 - OTHER VILLAGER.....14
 - FRIEND NOT IN VILLAGE.....15
 - PRIEST.....16
 - EXTENSION AGENT.....17
 - COOPERATIVE.....18
 - NGO.....19
 - EXPORTER.....20
 - TRADER.....21
 - OTHER (SPECIFY).....22
- LOCATION CODES**
- DAMAN/AHWEIASE.....1
 - POKROM/NSABAA.....2
 - OBOADARA/FRAMEKROM.....3
 - KONKONURU.....4
 - ABURI.....5
 - NSAWAM.....6
 - EASTERN REGION RURAL.....7
 - EASTERN REGION URBAN.....8
 - ACCRA.....9
 - OTHER URBAN.....10
 - OTHER RURAL.....11
 - OUTSIDE GHANA.....12
- LOAN PURPOSE CODES**
- FARMING.....1
 - MEDICAL.....2
 - CONSUMPTION.....3
 - TRADING.....4
 - OTHER BUSINESS.....5
 - TRAVEL.....6
 - FUNERAL.....7
 - OTHER CEREMONY.....8
 - SCHOOL FEES.....9
 - OTHER (SPECIFY).....10

Village	H/H	Respondent's name	ID Code	Date	Round

LOANS QUESTIONNAIRE
Part A. Lending (continued)

CONTINUE LISTING LOANS ON THIS SHEET, IF REQUIRED

1. Name of recipient (OPTIONAL)					
2. Sex of recipient	MALE...1 FEMALE...2				
3. Relationship of recipient	RELATIONSHIP CODE				
4. Where does the recipient live?	LOCATION CODE				
5. When did you make the loan?	DATE				
6. Description of item(s) lent	IF ITEM IS CASH, >>8				
7. Cash amount or estimated value of item lent	GHC				
8. Amount to be repaid (if cash)	GHC				
9. What will the loan be used for?	PURPOSE CODE				
10. Has the loan been repaid?	YES...1 (>>12) NO...2				
11. When do you expect to be repaid?	MM/YY				
12. Was there a witness to the loan?	YES...1 NO...2 (>>14)				
13. Relationship of witness	RELATIONSHIP CODE				
14. Was there any collateral?	YES... DESCRIBE NO...NEXT LOAN				
15. How much is the collateral worth?	GHC				
16. Who is using the collateral now?	BORROWER...1 LENDER...2 OTHER...3				

d.		

e.		

f.		

- RELATIONSHIP CODES**
- SELF.....0
 - SIBLING.....7
 - WFOA/UNCLE/AUNT.....8
 - FRIEST.....15
 - SPOUSE.....1
 - NIECE/NEPHEW.....9
 - EXTENSION AGENT.....16
 - CHILD.....2
 - COUSIN.....10
 - COOPERATIVE.....17
 - OTHER RELATIVE.....11
 - WIFE.....18
 - PARENT.....12
 - OTHER.....13
 - GRANDCHILD.....14
 - LINEAGE HEAD.....19
 - TRADER.....20
 - OTHER VILLAGER.....21
 - OTHER (SPECIFY).....22
- LOCATION CODES**
- DAWAN/AMBERTASE.....1
 - FORCOM/NGABAAA.....2
 - KYKUNURU.....3
 - ABUJEL.....4
 - NSAWMA.....5
 - FARMING.....1
 - MEDICAL.....2
 - TRADING.....3
 - OTHER BUSINESS.....4
 - EASTERN REGION RURAL.....7
 - EASTERN REGION URBAN.....8
 - OTHER URBAN.....9
 - OTHER RURAL.....10
 - OUTSIDE GHANA.....11
 - TRAVEL.....6
 - FUNERAL.....7
 - SCHOOL FEES.....8
 - OTHER (SPECIFY).....10
- LOAN PURPOSE CODES**
- PURPOSE CODE
 - EASTERN REGION RURAL.....7
 - EASTERN REGION URBAN.....8
 - OTHER URBAN.....9
 - OTHER RURAL.....10
 - OUTSIDE GHANA.....11
 - TRAVEL.....6
 - FUNERAL.....7
 - SCHOOL FEES.....8
 - OTHER (SPECIFY).....10

Village	IHHN	Respondent's name	ID Code	Date	Round

LOANS QUESTIONNAIRE

Part A1. Outstanding loans given to others

Other than the loans you mentioned earlier, have you made any loans which have not yet been fully repaid?

1.	Name of recipient	a.	b.	c.
2.	Description of item(s) lent			
3.	Value			

4. Since our last interview, has the borrower made any repayments or give any gifts in thanks for this loan?

YES..1
NO...2 (>>9)

5.	When did this occur?			
6.	Description of item(s) received			
7.	Value			
8.	Do you consider this loan to be fully repaid?			

9. Have you given further instalments or items as part of this loan since our last interview?

YES..1
NO...2 (>>13)

10.	When did this occur?			
11.	Description of item(s) given			
12.	Value			

13. Do you expect to receive anything in the future from the borrower on account of this loan?

YES..1
NO...2 (>>17)

14.	When do you expect to receive it?			
15.	Description of item(s) to be received			
16.	Value			

17. Have you taken any action to obtain repayment?

GIVE DESCRIPTION

18.	Has the borrower experienced any unexpected problems which might hinder repayment?			
19.	Would you lend to this borrower again, if he asked you for a loan?			

GIVE DESCRIPTION

YES..1
NO...2

Village	HHN	Respondent's name	ID Code	Date	Round

LOANS QUESTIONNAIRE

Part B. Borrowing

In the past two months, have you borrowed any money, food or goods from anyone else?

YES...USE ONE COLUMN BELOW FOR EACH LOAN RECEIVED
NO... > > > C

1. Name of lender	a.	b.	c.
2. Sex of lender MALE...1 FEMALE...2			
3. Relationship of lender RELATIONSHIP CODE			
4. Where does the lender live? LOCATION CODE			
5. When did you receive the loan? MM/YY			
6. Description of item(s) borrowed GHC			
7. Cash amount or estimated value of item borrowed GHC			
8. Amount to be repaid (if cash) GHC			
9. What will you use the loan for? PURPOSE CODE			
10. Has the loan been repaid? YES...1 NO...2 (>>12)			
11. When do you expect to repay the loan? MM/YY			
12. Was there a witness to the loan? YES...1 NO...2 (>>14)			
13. Relationship of witness RELATIONSHIP CODE			
14. Was there any collateral? YES... DESCRIBE NO... NEXT LOAN			
15. How much is the collateral worth? GHC			
16. Who is using the collateral now? BORROWER...1 LENDER...2 OTHER...3			

- RELATIONSHIP CODES**
- SELF.....0
 - SIBLING.....7
 - WFA/UNCLE/AUNT.....8
 - WIFE/NEPHEW.....9
 - SPOUSE.....1
 - NIECE/NEPHEW.....2
 - CHILD.....3
 - COUSIN.....4
 - STEP-CHILD.....5
 - OTHER RELATIVE.....6
 - PARENT.....10
 - VILLAGE HEAD.....11
 - VILLAGE HEAD.....12
 - LINEAGE HEAD.....13
 - GRANDCHILD.....14
 - GRANDPARENT.....15
 - OTHER VILLAGER.....16
- LOCATION CODES**
- DAMAN/AHMERIASE.....1
 - EASTERN REGION RURAL..7
 - EASTERN REGION URBAN..8
 - FORCOW/NSABAA.....2
 - ACCRA.....3
 - OBODANKA/KWAMEBROM..4
 - KONKONURU.....5
 - OTHER URBAN.....6
 - OTHER RURAL.....7
 - ABUETI.....8
 - OUTSIDE GHANA.....9
 - NSAWAM.....10
- LOAN PURPOSE CODES**
- FARMING.....1
 - MEDICAL.....2
 - CONSUMPTION.....3
 - TRADING.....4
 - OTHER BUSINESS.....5
 - TRAVEL.....6
 - FUNERAL.....7
 - OTHER CEREMONY.....8
 - SCHOOL FEES.....9
 - OTHER (SPECIFY).....10

Village	HHN	Respondent's name	ID Code	Date	Round

LOANS QUESTIONNAIRE

Part B. Borrowing, continued

In the past two months, have you borrowed any money, food or goods from anyone else?

CONTINUE LISTING LOANS ON THIS SHEET, IF REQUIRED

	d.	e.	f.
1. Name of lender			
2. Sex of lender	MALE...1 FEMALE...2		
3. Relationship of lender	RELATIONSHIP CODE		
4. Where does the lender live?	LOCATION CODE		
5. When did you receive the loan?	MM/YY		
6. Description of item(s) borrowed			
7. Cash amount or estimated value of item borrowed	GHC		
8. Amount to be repaid (if cash)	GHC		
9. What will you use the loan for?	PURPOSE CODE		
10. Has the loan been repaid?	YES...1 NO...2 (>>12)		
11. When do you expect to repay the loan?	MM/YY		
12. Was there a witness to the loan?	YES...1 NO...2 (>>14)		
13. Relationship of witness	RELATIONSHIP CODE		
14. Was there any collateral?	YES...DESCRIBE NO...NEXT LOAN		
15. How much is the collateral worth?	GHC		
16. Who is using the collateral now?	BORROWER...1 LENDER...2 OTHER...3		

- | | | | | | | | | | | |
|---------------------------|----|----------------------------|-----------------------|----------------------|--------------------|---------------------------|---|---------------------|----|----------------------|
| RELATIONSHIP CODES | 7 | FRIEND NOT IN VILLAGE...15 | LOCATION CODES | 1 | DAMPA/AMERTASE...1 | LOAN PURPOSE CODES | 1 | PRINTING...1 | 6 | TRAVEL...6 |
| SELF...0 | 8 | FRIEST...16 | 2 | FOKOKO/NSABANA...2 | 7 | MEDICAL...2 | 2 | FUNERAL...7 | 7 | FUNERAL...7 |
| SPOUSE...1 | 9 | EXTENSION AGENT...17 | 3 | OKODAGA/AMERKROM...3 | 8 | CONSUMPTION...3 | 3 | OTHER CEREMONY...8 | 8 | OTHER CEREMONY...8 |
| CHILD...2 | 10 | COOPERATIVE...18 | 4 | NSABANA...4 | 9 | TRANSPORT...4 | 4 | SCHOOL...9 | 9 | SCHOOL...9 |
| GRANDCHILD...3 | 11 | EXPOSER...19 | 5 | ASUT...5 | 10 | OTHER RURAL...10 | 5 | OTHER...10 | 10 | OTHER (SPECIFY)...10 |
| PARENT...4 | 12 | TRADER...20 | 6 | NSABANA...6 | 11 | OTHER URBAN...11 | 6 | OTHER BUSINESS...11 | 11 | OTHER (SPECIFY)...11 |
| GRANDPARENT...5 | 13 | OTHER VILLAGER...21 | | | 12 | OUTSIDE GHANA...12 | | | | |
| GRANDPARENT...6 | 14 | OTHER (SPECIFY)...22 | | | | | | | | |

Village	HHN	Respondent's name	ID Code	Date	Round

LOANS QUESTIONNAIRE

Part B1. Outstanding loans received from others

Other than the loans you mentioned earlier, have you received any loans which have not yet been fully repaid?

1.	Name of lender				
2.	Description of item(s) lent				
3.	Value	GHC			
4.	Since our last interview, have you made any repayments or given any gifts in thanks for this loan?				
		YES...1 (>>9)			
		NO...2 (>>9)			
5.	When did this occur?	MM/YY			
6.	Description of item(s) given				
7.	Value	GHC			
8.	Do you consider this loan to be fully repaid?				
		YES...1 (>>NEXT LOAN)			
		NO...2			
9.	Have you received further instalments or items as part of this loan since our last interview?				
		YES...1 (>>13)			
		NO...2 (>>13)			
10.	When did this occur?	MM/YY			
11.	Description of item(s) received				
12.	Value	GHC			
13.	Do you expect to make any further repayment to the lender on account of this loan?				
		YES...1 (>>17)			
		NO...2 (>>17)			
14.	When do you expect to repay?	MM/YY			
15.	Description of item(s) to be given				
16.	Value	GHC			
17.	Has the lender taken any action to obtain repayment?				
		GIVE DESCRIPTION			
18.	Has the lender asked for repayment? If so, why?				
		IF RESPONSE IS 'NEEDS MONEY', PROBE WHY			
19.	Would you approach this lender again, if you needed a loan?	YES...1			
		NO...2			

Village	HHN	Respondent's name	ID Code	Date	Round

LONG-TERM SHOCKS

Part A. Negative shocks

TO BE ADMINISTERED TO THE HEAD OF HOUSEHOLD, IF POSSIBLE

Households sometimes have good and bad surprises. I would like to know about any bad events suffered by your household in the past 10 years.

1.	2.	3.	4.	5.			6.	7.	8.	9.	10.	11.	12.	13.
				When did it happen?										
Code	Shock	Check	How many times has this shock occurred in the past 10 years?	MONTH	YEAR	Worse than before...1 Same as before...2 Better than before...3	GHC	COPIING STRATEGY CODE LIST UP TO 3	DAYS	NUMBER THE MOST WORST IS THE WORST TO 3, WHERE 1 IS THE WORST				
01	Death of household head or spouse													
02	Death of other household member													
03	Loss of income due to illness or injury of household member													
04	Medical expenses due to illness or injury													
05	Loss of a regular job of a household member													
06	Lost home (e.g. due to eviction, damage, legal action)													
07	Divorce, separation or abandonment													
08	Major loss of crops due to drought													
09	Major loss of crops due to pests and disease													
10	Major loss of crops due to other reasons (e.g. flood, storm)													
11	Loss of livestock due to death													
12	Loss of livestock due to theft													
13	Loss of productive assets (due to theft, fire, river erosion, storms, flood etc.)													
14	Loss or destruction of other consumption (personal) assets													
15	Funeral expenses													
16	Division of father's property													
17	Loss of contract or default by creditor													
18	Failure or bankruptcy of business													
19	Cut-off or decrease of regular remittances to household													
20	Withdrawal of government or NGO assistance													
21	Other (specify)													
22	Other (specify)													

- COPIING STRATEGIES CODES**
- NONE.....1
 - SOLD LAND (SPECIFY HOMESTEAD OR AGRICULTURAL).....2
 - MORTGAGED/LEASED LAND (SPECIFY HOMESTEAD OR AGRICULTURAL).....3
 - SOLD PRODUCTIVE ASSET (SPECIFY).....4
 - MORTGAGED PRODUCTIVE ASSET (SP).....5
 - SOLD CONSUMPTION ASSET (SPECIFY).....6
 - MORTGAGED CONSUMPTION ASSET (SP).....7
 - TOOK LOAN FROM NGO/INSTITUTION.....8
 - TOOK LOAN FROM INFORMAL/NON-INSTITUTIONAL SOURCE.....9
 - ATE LESS TO REDUCE EXPENSES.....10
 - ATE LOWER QUALITY FOOD TO REDUCE EXPENSES.....11
 - TOOK CHILDREN OUT OF SCHOOL.....12
 - HOUSEHOLD MEMBER TOOK JOB ELSEWHERE TEMPORARILY.....13
 - SENT HOUSEHOLD MEMBER AWAY PERMANENTLY/FOSTERED CHILD.....14
 - FORCED TO CHANGE OCCUPATION.....15
 - MOVED TO LESS EXPENSIVE HOUSING.....16
 - SENT NON-WORKING HOUSEHOLD MEMBER TO WORK.....17
 - TOOK HELP FROM OTHERS.....18
 - OTHER (SPECIFY).....19

Village	HHN	Respondent's name	ID Code	Date	Round

SHOCKS DURING 2009

Part A. Negative Shocks

1.	2.	3.	4.	5.	6.	7.	8.
	Since the start of the year, has your household experienced any of the following shocks? <small>NOTE: LIST REPEAT OCCURRENCES UNDER 'OTHER' YES...CHECK BOX AND ANSWER Q3-8 NO...>> NEXT ITEM</small>	ID code of HH member most directly affected <small>ID CODE</small>	Start date (or date of occurrence) <small>MM/YY</small>	What was the total value of the loss? (Per month, if continuous.) <small>GHC</small>	Did you have enough money to cover the expenses? <small>YES...1 (>NEXT) NO...2</small>	How did you raise the money to cover the expenses?	Other comments (e.g. further details on the shock)
a.	Funeral expenses						
b.	Medical expenses due to illness or injury						
c.	Loss of income due to illness or injury						
d.	Crop loss or damage						
e.	Livestock loss or theft						
f.	Property damage or theft						
g.	Loss of contract, or default by creditor						
h.	Loss of regular job						
i.	Failure of business, or significant business losses						
j.	Other: _____						
k.	Other: _____						
l.	Other: _____						

Part B. Positive Shocks

1.	2.	3.	4.	5.	6.	7a.	7b.	8.
	Since the start of the year, has your household experienced any of the following shocks? <small>NOTE: LIST REPEAT OCCURRENCES UNDER 'OTHER' YES...CHECK BOX AND ANSWER Q3-8 NO...>> NEXT ITEM</small>	ID code of HH member most directly affected <small>ID CODE</small>	Start date (or date of occurrence) <small>MM/YY</small>	What was the total value of the gain? (Per month, if continuous.) <small>GHC</small>	Have you given significant gifts to others as a result of this event? <small>YES...1 (>8) NO...2 (>9)</small>	To whom did you give gifts? <small>RELATIONSHIP CODES</small>	What was the total value of these gifts? <small>GHC</small>	Other comments (e.g. further details on the shock)
a.	Lottery or prize winnings							
b.	New job							
c.	Inheritance / brideprice							
d.	Unexpectedly large crop yield or sales							
e.	Unexpectedly high business profits							
f.	New remittances							
g.	Other: _____							
h.	Other: _____							
i.	Other: _____							

Village	HHN	Respondent's name	ID Code	Date	Round

PERCEPTIONS OF POVERTY AND WELL-BEING

TO BE ADMINISTERED TO THE HEAD OF HOUSEHOLD, IF POSSIBLE

We would like to ask you some questions about your circumstances now and over the past few years.

1. Concerning your family's food consumption over the past month, which of the following is true?

IT WAS LESS THAN ADEQUATE...1 IT WAS JUST ADEQUATE.....2 IT WAS MORE THAN ADEQUATE....3	[]
---	-----

2. Concerning your family's housing over the past month, which of the following is true?

IT WAS LESS THAN ADEQUATE...1 IT WAS JUST ADEQUATE.....2 IT WAS MORE THAN ADEQUATE....3	[]
---	-----

3. Concerning your family's clothing over the past month, which of the following is true?

IT WAS LESS THAN ADEQUATE...1 IT WAS JUST ADEQUATE.....2 IT WAS MORE THAN ADEQUATE....3	[]
---	-----

4. Concerning the health care your family gets, which of the following is true?

IT IS LESS THAN ADEQUATE...1 IT IS JUST ADEQUATE.....2 IT IS MORE THAN ADEQUATE....3 NOT APPLICABLE.....4	[]
--	-----

5. Concerning your children's schooling, which of the following is true?

IT IS LESS THAN ADEQUATE...1 IT IS JUST ADEQUATE.....2 IT IS MORE THAN ADEQUATE....3 NOT APPLICABLE.....4	[]
--	-----

6. Compared to other households in this village, would you describe your household as:

THE RICHEST.....1 AMONG THE RICHEST.....2 RICHER THAN MOST HOUSEHOLDS...3 ABOUT AVERAGE.....4	[]
--	-----

7. Which of the following is true about your current income?

ALLOWS YOU TO SAVE A LOT.....1 ALLOWS YOU TO SAVE JUST A LITTLE.....2 ONLY JUST MEETS YOUR EXPENSES.....3 INSUFFICIENT, SO OFTEN NEED TO USE YOUR SAVINGS TO MEET EXPENSES....4 REALLY INSUFFICIENT, SO OFTEN NEED TO BORROW TO MEET EXPENSES.....5	[]
---	-----

8. Right now, would you say your household...

IS VERY RICH.....1 IS RICH.....2 IS COMFORTABLE.....3 MANAGES TO GET BY.....4 NEVER HAD QUITE ENOUGH....5 IS POOR.....6 IS DESTITUTE.....7	[]
--	-----

9. 1 year ago, would you say your household...

WAS VERY RICH.....1 WAS RICH.....2 WAS COMFORTABLE.....3 MANAGED TO GET BY.....4 NEVER HAD QUITE ENOUGH....5 WAS POOR.....6 WAS DESTITUTE.....7 HOUSEHOLD DIDN'T EXIST....8	[]
--	-----

10. 5 years ago, would you say your household...

WAS VERY RICH.....1 WAS RICH.....2 WAS COMFORTABLE.....3 MANAGED TO GET BY.....4 NEVER HAD QUITE ENOUGH....5 WAS POOR.....6 WAS DESTITUTE.....7 HOUSEHOLD DIDN'T EXIST....8	[]
--	-----

11. 10 years ago, would you say your household...

WAS VERY RICH.....1 WAS RICH.....2 WAS COMFORTABLE.....3 MANAGED TO GET BY.....4 NEVER HAD QUITE ENOUGH....5 WAS POOR.....6 WAS DESTITUTE.....7 HOUSEHOLD DIDN'T EXIST....8	[]
--	-----

12. In terms of your household economic well-being, are you better off, the same as, or worse off than this same time a year ago?

MUCH BETTER NOW.....1 A LITTLE BETTER NOW.....2 NO CHANGE.....3	[]
---	-----

POORER THAN MOST HOUSEHOLDS...5
 AMONGST THE POOREST.....6
 THE POOREST.....7

A LITTLE WORSE NOW.....4
 MUCH WORSE NOW.....5
 DON'T KNOW.....6

Village	HHN	Respondent's name	ID Code	Date	Round

PERCEPTIONS OF POVERTY AND WELL-BEING

TO BE ADMINISTERED TO THE HEAD OF HOUSEHOLD, IF POSSIBLE

Continued

13. Compared to a year ago, why have your circumstances changed?

LIST UP TO 3 RESPONSES

- a.
- b.
- c.

17. How would your household obtain the 50 cedi?

Now I would like to ask you some questions about trust. Do you agree or disagree with the following statements?

FOR EACH QUESTION, ASK THE RESPONDENT TO CHOOSE ONE OF THE FOLLOWING CODES

- STRONGLY AGREE.....1
- AGREE.....2
- NEUTRAL.....3
- DISAGREE.....4
- STRONGLY DISAGREE.....5
- NO EXPERIENCE.....6

14. In terms of your household economic well-being, in a year from now, do you expect to be better off, the same as, or worse off than now?

- MUCH BETTER OFF.....1
- A LITTLE BETTER OFF.....2
- NO CHANGE.....3
- A LITTLE WORSE OFF.....4
- MUCH WORSE OFF.....5
- DON'T KNOW.....6

15. Why do you expect this change?

LIST UP TO 3 RESPONSES

- a.
- b.
- c.

20. I believe that the government does what is right for the people.

21. I am confident of the ability of government officials to do their job.

22. I could rely on my neighbor to mail an important letter for me.

23. I feel I could trust my neighbors to look after my house if I am away.

16. If your household needed 50 cedi for an emergency, could you obtain it within a week?

- YES.....1
- NO.....2 (>>16)

Village	HHN	Respondent's name	ID Code	Date	Round

MEMBERSHIP OF ORGANIZATIONS AND COOPERATIVES

Part A. Membership of organizations

I would like to know about the organizations you belong to.

1.	2.	3.	4.	5.	6.	7.	8.	9.
Name of organization	What type of organization is it?	Have you attended meetings for this organization in the past year? YES...1 NO...2	Who told you about the group, or invited you to join? RELATIONSHIP CODE OR DESCRIPTION	How often do you attend, on average? FREQUENCY CODE	Location LOCATION CODE	Total amount paid to the organization in the past year GHC	Total amount received from the organization in the past year GHC	Has the group given you any other assistance or advice? IF YES, GIVE DESCRIPTION
	Funeral organization							
Sie wo ho								
Biakoye kuo	Farming organization							
Ompa Hiamoa Kuw								

- RELATIONSHIP CODES**
 NO-ONE.....0
 SPOUSE.....1
 CHILD.....2
 STEP-CHILD.....3
 PARENT.....4
 GRANDCHILD.....5
 GRANDPARENT.....6
 SIBLING.....7
 WOPR/UNCLE/AUNT.....8
 NIECE/NEPHEW.....9
 COUSIN.....10
 OTHER RELATIVE.....11
 VILLAGE HEAD.....12
 LINEAGE HEAD.....13
 OTHER VILLAGER.....14
 FRIEND NOT IN VILLAGE.....15
- LOCATION CODES**
 DAMAN/AHMERIASE.....1
 FOKROM/NSABAA.....2
 OBOADAKA/KWAMEKROM.....3
 KOKONURU.....4
 ABURI.....5
 NSAWAM.....6
 EASTERN REGION (RURAL).....7
 EASTERN REGION (URBAN).....8
 ACCRA.....9
 OTHER URBAN.....10
 OTHER RURAL.....11
 NOT IN GHANA.....12
- FREQUENCY CODES**
 DAILY.....1
 WEEKLY.....2
 FORTNIGHTLY.....3
 MONTHLY.....4
 QUARTERLY.....5
 HALF-YEARLY.....6
 YEARLY.....7
 OTHER (SPECIFY).....8

Village	HHN	Respondent's name	ID Code	Date	Round

MEMBERSHIP OF ORGANIZATIONS AND COOPERATIVES

Part B. Membership of FBOs and cooperatives

Have you belonged to any farmer-based organisations, cooperatives or work groups in the past five years?

FIRST ANSWER Q1 FOR ALL GROUPS, THEN ANSWER Q2-16 FOR EACH GROUP. USE ADDITIONAL SHEET IF REQUIRED.

	GROUPS			
	1	2	3	4
1. Name of group				
2. Name of group organizer/contact (if known)				
3. What type of group is it?	COOPERATIVE.....1 SUPPORT GROUP.....2 WORK GROUP.....3 OTHER (SPECIFY)....4			
4. Who told you about the group, or invited you to join?	RELATIONSHIP CODE OR DESCRIPTION			
5. When did you join the group?	DATE (MM/YY)			
6. Why did you join the group?				
7. Are you still a member?	YES....1 (>=Q10) NO.....2			
8. When did you leave the group?	DATE (MM/YY)			
9. Why did you leave?				
10. How often do you meet?	FREQUENCY CODE			
11. Does the group share labor?	YES....1 NO.....2			
12. Does the group share other inputs or assets (e.g. a tractor)?	YES....1 NO.....2			
13. Does the group discuss farming practices?	YES....1 NO.....2			
14. Have you changed your farming practices since learning information from this group?	YES....1 NO.....2			
15. Does the group hold GlobalGAP certification?	YES....1 NO.....2			
16. Does the group have a contract with a buyer or exporter?	YES....1 NO.....2			

RELATIONSHIP CODES
 NO-ONE.....0
 SPOUSE.....1
 CHILD.....2
 STEP-CHILD.....3
 PARENT.....4
 GRANDCHILD.....5
 GRANDPARENT.....6
 STEPLING.....7
 NOFA/UNCLE/AUNT.....8
 NIECE/NEPHEW.....9
 COUSIN.....10
 OTHER RELATIVE.....11
 VILLAGE HEAD.....12
 LINEAGE HEAD.....13
 OTHER VILLAGER.....14
 FRIEND NOT IN VILLAGE.....15

FREQUENCY CODES
 DAILY.....1
 WEEKLY.....2
 FORTNIGHTLY.....3
 MONTHLY.....4
 QUARTERLY.....5
 HALF-YEARLY.....6
 YEARLY.....7
 OTHER (SPECIFY).....8

Village	HHN	Respondent's name	ID Code	Date	Round

EDUCATION

1. What is the highest grade/mode of education you have attended?

NONE / K.G.....0 JSS 1.....6 M4.....12 S3.....18
 PRIMARY 1.....1 JSS 2.....7 SSS1.....13 S4.....19
 PRIMARY 2.....2 JSS 3.....8 SSS2.....14 S5.....20
 PRIMARY 3.....3 M1.....9 SSS3.....15 VOC/COMM.....21
 PRIMARY 4.....4 M2.....10 S1.....16 TECHNICAL.....22
 PRIMARY 5.....5 M3.....11 S2.....17 UNIVERSITY.....23

2. How many years did you attend school for?

THIS VILLAGE.....1
 OTHER VILLAGE IN DISTRICT...2
 OTHER DISTRICT IN REGION...3
 ACCRA.....4

3. Where did you attend school for the most time?

OTHER RURAL.....5
 OTHER URBAN.....6
 OUTSIDE GHANA.....7

4. Why did you leave school?

HAD ENOUGH EDUCATION.....1
 FAILED EXAM.....2
 NO HIGHER SCHOOL/GRADE...3
 COULD NOT AFFORD TO GO...4
 TO HELP PARENTS.....5

5. Can you read a sentence in Akuapem Twi?

SHOW FLASHCARD FOR AKUAPEM TWI

6. In which language are you most proficient?

AKUAPEM TWI.....1 (>>8)
 ASANTE TWI.....2
 FANTE.....3

7. Can you read a sentence in this language?

SHOW FLASHCARD FOR LANGUAGE

8. Do you speak English?

YES.....1
 NO.....2 (>>10)

9. Can you read a sentence in English?

SHOW FLASHCARD FOR ENGLISH

READ WITHOUT ERRORS.....1 (>>12)
 READ WITH ERRORS.....2 (>>12)
 COULD NOT READ.....3
 REFUSED.....999

10. Is there someone in your household who can read English for you?

YES...GIVE ID CODE
 NO...LEAVE BLANK (>>13)

11. Can they read a sentence in English?

LOCATE THE PERSON NOMINATED AND ASK THEM TO READ THE FLASHCARD FOR ENGLISH

READ WITHOUT ERRORS.....1
 READ WITH ERRORS.....2
 COULD NOT READ.....3 (>>13)
 REFUSED.....999

12. Language comprehension

GIVE COMPREHENSION TEST TO RESPONDENT OR NOMINATED PERSON AND RECORD ANSWERS

1. 4. 7.
 2. 5. 8.
 3. 6.

13. Basic arithmetic

GIVE MATHS TEST TO THE RESPONDENT AND RECORD ANSWERS

1. 4. 7.
 2. 5. 8.
 3. 6.

14. Is there someone in your household who does sums for you?

YES...GIVE ID CODE
 NO...LEAVE BLANK

Village	HHN	Respondent's name	ID Code	Date	Round

FAMILY BACKGROUND

Part A. Family structure and wealth

1. Which clan do you belong to?

2. Do you hold a family or village office? Name / title:

YES...1 (>>Q4)
NO...2

3. What privileges (if any) does this office give you?

4. Who is the highest-ranked individual in your extended family? RELATIONSHIP CODE

5. What privileges (if any) does their office give them?

6. Family home town:

7. Region:

8a. Are you the first from your family to live in this village? YES...1 (>>C)
NO...2

b. Approximately how long has your family lived here? YEARS/MONTHS

c. Approximately how long have you lived here? YEARS/MONTHS

9. Please tell me about the amount of land belonging to your extended family.

	Total size		Approx. % of total family land	Area cultivated by self and spouse
	UNIT	AMOUNT		
Total family land area				
Family land area in this town				

10. What income did the family earn in the past year from renting out land? GHC

11. a. How much land has the family sold or leased in the past year? AREA
b. How much income did they receive for it? GHC

Part B. Parents' Economic Background

I would like to ask some questions about your parents.

		Mother	Father
1. Birthplace	LOCATION CODE		
2. Highest school grade completed			
3. First occupation	OCCUPATION CODE		
4. Second occupation	OCCUPATION CODE		
5. Main residence	LOCATION CODE		
6. Wife number / number of wives			
7. Number of children			
8. Year of death (if applicable)			
9. Did s/he hold a village office?	YES...1 NO...2		
10. If yes, what was its name?			

Village	HHN	Respondent's name	ID Code	Date	Round

FAMILY BACKGROUND

Part C. Fostering

Did you live with anyone away from your parents for at least a year while you were growing up?

	YES...1 NO...2 (>> PART D)	Location 1	Location 2	Location 3
a.	Place you lived	LOCATION CODE		
b.	Age you started / ended living there			
c.	Reason for fostering			
d.	Relationship of carer(s)	RELATIONSHIP CODE		
e.	If wola, uncle or aunt, on whose side?	FATHER...1 MOTHER...2		
f.	Foster parent's: occupation			
g.	number of farms			
h.	main farming activity			

Part D. Inheritances, continued

2. Do you expect to receive any other inheritances (such as houses or money)?

	YES...1 NO...2 (>> 3)	Item 1	Item 2	Item 3
a.	Description of item(s) promised			
b.	Date you expect to receive it	MM/YY		
c.	Relationship of current owner	RELATIONSHIP CODE		
d.	Location of current owner	LOCATION CODE		
e.	Gender of current owner	MALE...1 FEMALE...2		
f.	Is the item a house?	YES...1 NO...2 (>>Q3)		
g.	Location of house	LOCATION CODE		
h.	What is it worth now?	GHC		

Part D. Inheritances

1. Do you expect to receive any inheritances of land?

	YES...1 NO...2 (>> 2)	Plot 1	Plot 2	Plot 3
a.	Date you expect to receive it	MM/YY		
b.	Relationship of current owner	RELATIONSHIP CODE		
c.	Location of current owner	LOCATION CODE		
d.	Gender of current owner	MALE...1 FEMALE...2		
e.	Land size	UNIT QUANTITY		
f.				
g.	Location	LOCATION CODE		
h.	When inherited, will it be developed or fallow?			
i.	What will be the main crop grown?			
j.	What is the land worth now?	GHC		

3. Did you receive any assistance from your parents or relatives when you established your household?

	YES...1 NO...2 (>>END)	Assistance 1	Assistance 2	Assistance 3
a.	Date you received assistance	MM/YY		
b.	Description of item(s) given			
c.	Relationship of person	RELATIONSHIP CODE		
d.	Gender of current owner	MALE...1 FEMALE...2		
e.	Location of person	LOCATION CODE		
f.	Land size given (if any)	IF NONE, (>>h)		
g.	Location of land	LOCATION CODE		
h.	Was it a loan or a gift?	LOAN...1 GIFT...2 (>>NEXT COLUMN)		
i.	Have you repaid the loan?	YES...1 NO...2		
j.	What would it be worth now?	GHC		

Village	HHN	Respondent's name	ID Code	Date	Round

MARITAL ATTITUDES

COMPLETE THIS MODULE FOR EACH SPOUSE

In this section we would like to ask you some questions about relationships in your household. Please remember that this survey is entirely confidential and your responses will not be shared with anyone. All the same, you do not have to answer any question if you do not want to.

NOTE: CODE REFUSALS AS 999

1. Where does your spouse live?

SAME HOUSE.....1 (>>Q3)
DIFFERENT HOUSE IN
THIS VILLAGE.....2 (>>Q3)
ELSEWHERE.....3

2. How often do you see your spouse? FREQUENCY CODE

3. Overall, how well do you get along with your spouse?

VERY WELL.....1 NOT SO WELL.....4
WELL.....2 NOT WELL AT ALL.....5
SATISFACTORY.....3

For questions 4 and 5, use the following codes:

COMPLETELY.....1 NOT MUCH.....4
MOSTLY.....2 NOT AT ALL.....5
SOMEWAT.....3

4. On a scale of one to five, how much do you trust your spouse?

5. On a scale of one to five, how fairly does your spouse treat you?

Now I would like to ask you about how you both manage the house and farm.

6. Do you think your spouse does his/her fair share of work on the farm? YES...1 NO...2

7. What would you do if s/he does not do enough?

8. Do you think your spouse does enough work around the house? YES...1 NO...2

9. What would you do if s/he does not do enough?

10. Does your spouse contribute to the household finances? YES...1 NO...2

11. a. Does s/he contribute enough? YES...1 (>> 12) NO...2

b. Why not?

12. What would you do if it is not enough?

13. Are there certain things in the house that you always buy? YES...1 NO...2

If yes, what are they?

14. Are there certain things in the house that your spouse always buys?

If yes, what are they?

15. Are there certain expenses (e.g. school fees, funeral expenses) that you always pay for? YES...1 NO...2

If yes, what are they?

16. Are there certain expenses (e.g. school fees, funeral expenses) that your spouse always pays for? YES...1 NO...2

If yes, what are they?

17. a. Do you lend money to your spouse? YES...1 NO...2 (>> END)

b. How much have you lent in the past 6 months? GHC

c. " in the past month? GHC

d. What were the amounts for?

e. Do you have trouble getting it back? YES...1 (>> END) NO...2

f. Does this lead to quarrels? YES...1 NO...2

Village	HHN	Respondent's name	ID Code	Date	Round

HOUSING OWNERSHIP AND INHERITANCE

Part A. House currently lived in by respondent

1. Describe the type of dwelling you live in. FREE TENANCY.....1
RENT-PAYING TENANT.....2
OTHER.....SPECIFY

2. Do you own the dwelling? YES.....1
NO.....2 (>> 7)

3. How did you acquire it? BUILT MYSELF.....1 (>> 5)
PURCHASED.....2
INHERITED.....3
RECEIVED AS A GIFT.....4
FAMILY HOUSE.....5 (>> 5)

4. a. b. From whom did you acquire it? RELATIONSHIP CODE

c. If wofa, uncle or aunt, on whose side? MALE.....1
FEMALE...2

5. When did you acquire it or build it? DD/MM/YY

6. a. Have you ever made improvements to the dwelling? YES.....1
NO.....2

b. If yes, describe (>> PART B)

7. Who owns the dwelling? RELATIONSHIP CODE

8. Where does the owner live? LOCATION CODE

Part B. Other houses owned by respondent

1. Do you own any houses other than the one you are living in? YES.....1
NO.....2 (>>END)

For each house owned (*other* than the one described in Part A), complete one column in the table.

	House 1	House 2	House 3
2. Location	LOCATION CODE		
3. How did you acquire it?	BUILT MYSELF.....1 (>>5) PURCHASED.....2 INHERITED.....3 RECEIVED AS A GIFT...4 FAMILY HOUSE.....5 (>>5)		
4. From whom did you purchase/inherit/receive it?	RELATIONSHIP CODE		
5. Who stays in this house?	SPOUSE.....1 CHILDREN.....2 FAMILY MEMBERS.....3 RENT-PAYING TENANTS..4 NO-ONE.....5 OTHER.....SPECIFY		

Village	HHN	Respondent's name	ID Code	Date	Round

ON-FARM DECISION MAKING

To be administered to respondents with at least one plot, who currently cultivate crops

1. a. Which members of this household are involved in crop cultivation?

LIST RELATIONSHIP CODES IF RESPONDENT IS NOT INCLUDED, >> END

b. Which members are involved in input allocation decisions on your plot(s)?

LIST RELATIONSHIP CODES IF RESPONDENT IS NOT INCLUDED, >> END

c. What is the most important factor in deciding how much to cultivate on your plot(s)?

CASH AVAILABLE.....1
 GROWING CONDITIONS OF CROPS.....2
 SEVERITY OF PEST INFESTATION...3
 CROP PRICES / EXPECTED PROFIT..4
 LAND AVAILABLE.....5
 HOW I FEEL / MY HEALTH..6
 ALWAYS THE SAME.....7
 OTHER (SPECIFY).....8

2. a. Do you use pesticides?

YES...1
 NO....2 (>> Q2c)

b. Aside from the size of your plot, what is the most important factor in deciding how much pesticide to apply?

AMOUNT RECOMMENDED BY EXTENSION OFFICER/OTHERS.....5
 NONE (ALWAYS THE SAME AMOUNT)..6
 OTHER (SPECIFY).....7

c. Do you use fertilizer?

YES...1
 NO....2 (>> Q2e)

d. Aside from the size of your plot, what is the most important factor in deciding how much fertilizer to apply?

AMOUNT RECOMMENDED BY EXTENSION OFFICER/OTHERS.....5
 NONE (ALWAYS THE SAME AMOUNT)..6
 OTHER (SPECIFY).....7

e. What is the most important factor in deciding how much time you spend weeding your plot?

CASH AVAILABLE.....1
 GROWING CONDITIONS OF CROPS.....2
 EXPECTED RAINFALL.....3
 CROP PRICES / EXPECTED PROFIT..4
 LAND AVAILABLE.....5
 HOW I FEEL / MY HEALTH.....6
 LABOR AVAILABILITY.....7
 NONE (ALWAYS THE SAME AMOUNT)..8
 OTHER (SPECIFY).....9

3. a. Have you ever grown pineapples?

YES...1
 NO....2 (>> Q5)

b. Which type(s)?

SUGARLOAF.....1
 MOUTH CATIENE...2
 MCO.....3
 OTHER (SPECIFY)..4

c. When did you start growing pineapples?

MM/YY

d. Are you still growing pineapples?

YES...1 (>> Q4)
 NO....2

e. When did you stop growing pineapples?

MM/YY

f. Why did you stop?

NOW GO TO QUESTION 5

4. a. How do you plant your pineapples?

RAISED BEDS IN ROWS...1
 ON THE FLAT IN ROWS...2
 OTHER (SPECIFY).....3

b. What type(s) of planting materials do you use?

SUCKERS...1
 CROWNS...2
 OTHER.....3

c. Do you use hired labor to farm your pineapples?

YES...1
 NO....2

d. To what extent does the availability of cash affect your decisions about the following:

(i) Timing of harvest
 (ii) Quality of harvest
 (iii) Price received for pineapples
 (iv) Ability to transport produce
 (v) Timing of next planting / harvest

NO EFFECT.....1
 SMALL EFFECT.....2
 MODERATE EFFECT.....3
 STRONG EFFECT.....4
 VERY STRONG EFFECT...5

Village	HHN	Respondent's name	ID Code	Date	Round

ON-FARM DECISION MAKING, Continued

8. Risk aversion experiment

YES...1
NO...2

a.

1	A	B
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

▲

c.

1	A	B
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

▲

b. Have you ever received formal training in cultivation of crops other than pineapple?
 YES...1
 NO...2 (>> 06)

CROP CODE(S)

RELATIONSHIP CODE(S)

6. What problems have you experienced on your plot(s) in the past 10 years? For example, diseases, pests, crop losses, drought.

1	2	3	4	5	6	7	8
Plot	Event	Crops affected	Date	Percentage of plot	Severity	Value of damage	Response
PLOT CODE	EVENT CODE	CROP CODE	MM/YI	PER CENT	CODE	GHC	RESPONSE CODE
a.							
b.							
c.							
d.							
e.							
f.							
g.							
h.							

7. Compared to the average plot in this area, how fertile are your plots?

MUCH MORE THAN AVERAGE...1
 MORE THAN AVERAGE...2
 AVERAGE...3
 LESS THAN AVERAGE...4
 MUCH LESS THAN AVERAGE...5
 NOT APPLICABLE...6

a. Plot 1 b. Plot 2 c. Plot 3

d. Plot 4 e. Plot 5 f. Plot 6

- EVENT CODES**
- 1 TERMITES
 - 2 OTHER INSECTS
 - 3 RODENTS
 - 4 GRASSCUTTER
 - 5 OTHER ANIMAL
 - 6 WILT
 - 7 LEAVES FALLING OFF
 - 8 MUSHROOM/FUNGI
 - 9 ROTTEN ROOTS
 - 10 ROTTEN CROPS
 - 11 DROUGHT/LOW RAIN
 - 12 FLOOD
 - 13 CHEMICAL DAMAGE
 - 14 OTHER DISEASE
 - 15 NO MARKET FOR CROP
 - 16 THEFT
 - 17 UNINTENDED FIRE
 - 18 UNINTENDED FIRE
 - 19 OTHER (SPECIFY)
- SEVERITY CODES**
- 1 MINOR
 - 2 NOTICEABLE LOSS
 - 3 SIGNIFICANT LOSS
 - 4 MAJOR LOSS
 - 5 TOTAL CROP FAILURE
 - 6 UPROOT AFFECTED AREA
- RESPONSE CODES**
- 7 UPROOT ENTIRE PLOT
 - 8 DESTROY AFFECTED CROP
 - 9 MAKE FRAPS
 - 10 APPLY CHEMICALS
 - 11 HAND PICKING
 - 12 STOP CULTIVATING
 - 13 PLANTING
 - 14 TREAT SEEDS
 - 15 TREAT SUCKERS
 - 16 CAN WATERING
 - 17 PUMP FERTIGATION
 - 18 WEEDING
 - 19 OTHER (SPECIFY)

Bottle cap drawn	Prize	
	With dot	Without dot
		Sorry, no prize
	GH¢10 chickens	GH¢10 cash
	GH¢20 chickens	GH¢20 cash
	GH¢35 goat	GH¢35 cash
	GH¢50 goat	GH¢50 cash
	GH¢70 goat	GH¢70 cash

Village	HHN	Respondent's name	ID Code	Date	Round	Enum. ID

LOTTERY PRIZEWINNERS FOLLOW-UP QUESTIONNAIRE

Complete a separate sheet for each person who won a prize in this round. Those who won multiple prizes should complete one questionnaire per prize.

A. General prize information

- Type of prize won
 CASH.....1
 CHICKEN(S).....2
 GOAT.....3
 - Value
 GRC
 - Where did you win?
 LOTTERY.....1 (>>)
 LUCKY DIP.....2
 - Did you tell your spouse about the prize?
 YES.....1
 NO.....2
- Did you receive the prize personally?
 YES.....1 (>>B)
 NO.....2
 - Who received the prize?
 RELATIONSHIP CODE
 - Have they given the prize to you?
 YES.....1 (>>END)
 NO.....2
 - When did they give it to you?
 DATE
 (DD/MM/YY)

B. Animal prizes

Did you win an animal prize? YES.....1 NO.....2 (>>C)

- Please describe what you did with the animal(s) you won.

List all actions using a new line for each action. (Please aggregate multiple instances of the same action.)

1. Animal no. 1 of 2	2. Date DD/MM/YY	3. Action ACTION CODE	4. Proportion of animal PERCENTAGE	5. Comments (EG. SPECIFY FOR Q3)
a.				
b.				
c.				
d.				

ACTION CODES
 KEPT.....1
 SOLD (PART OR ALL).....2
 ATE OR PREPARED AS
 FOOD.....3
 GAVE AWAY.....4
 LOST OR WAS STOLEN.....5
 OTHER (SPECIFY).....6

- If some of the animal meat was eaten or prepared for eating by your household, were any non-household members invited to share the meal?

1. Date of meal DD/MM/YY	2. Name of invitee (PLEASE INCLUDE HHN IF APPLICABLE)	3. Relationship RELATIONSHIP CODE	4. Comments (EG. REASON FOR CELEBRATION)
a.			
b.			
c.			
d.			

- If you kept the animal(s), what do you plan to do with it/them?
 EAT.....1
 USE FOR BREEDING.....2
 SELL.....3
 GIVE AWAY.....4
 DON'T KNOW.....5
 OTHER (SPECIFY).....6

- If you sold part or all of an animal you won, please describe the sales you made.

1. Animal no. 1 of 2	2. Date DD/MM/YY	3. Proportion of animal PERCENTAGE	4. Who was the buyer? RELATIONSHIP CODE	5. Money received GHC
a.				
b.				
c.				
d.				

- If part or all of the animal (or its meat) was given away, to whom was it given?
Include gifts to spouse(s).

1. Date DD/MM/YY	2. Name (PLEASE INCLUDE HHN IF APPLICABLE)	3. Location LOCATION CODE	4. Relationship RELATIONSHIP CODE	5. Proportion PERCENTAGE
a.				
b.				
c.				
d.				

LOTTERY PRIZEWINNERS FOLLOW-UP QUESTIONNAIRE, Cont'd

C. Cash prizes

Did you receive a cash prize, or sell an animal prize?

Please describe what you did with the money.

YES...1 (>>D)
 NO...2 (>>E)

List all actions using a new line for each action. (You may aggregate meals, sales etc.) Include amounts of money given to the respondent's spouse(s).

1. Date DD/MM/YY	2. Amount GHC	3. Action SPENT...1 (>>5) BANK...2 (>>5) INVESTED IN BUSINESS...3 (>>6) OR FARMING...4 (>>7) GAVE AWAY...5 (>>7) LENT...6 (>>7) OTHER (SPECIFY)...6 (>>7) (-> NEXT ACTION)	4. What did you spend it on? CONSUMPTION GOOD...1 ASSET (SPECIFY)...2 UTILITY BILL...3 ENTERTAINMENT...4 LIVESTOCK...5 OTHER (SPECIFY)...6 (-> NEXT ACTION)	5. Type of account		6. Please describe the business. Item(s) bought (or services paid for) DESCRIPTION (> NEXT ACTION)	7. Name of recipient (PLEASE INCLUDE HHN IF APPLICABLE)	8. Location LOCATION CODE	9. Relationship RELATIONSHIP CODE	10. Repayment date (if applicable) DD/MM/YY
				BANK...1 SUSD...2 OTHER...3 (-> NEXT ACTION)	OCCU-PATION CODE					
a.										
b.										
c.										
d.										
e.										
f.										
g.										
h.										

D. Social interactions

1. How did your spouse(s) react to the news that you won?

HAPPY...1
 UNHAPPY...2
 NO REACTION...3
 DOESN'T KNOW I WON...4
 OTHER (SPECIFY)...5

2. a. [For MALE respondents] In the week you won, did you give more chop money than usual because of the prize?

GAVE MORE...1
 GAVE THE SAME...2 (>>4)
 GAVE LESS...3
 DON'T KNOW...4 (>>4)

b. [For FEMALE respondents] In the week you won, did you receive less chop money than usual because of the prize?

RECEIVED LESS...1
 REC'D THE SAME...2 (>>4)
 RECEIVED MORE...3
 DON'T KNOW...4 (>>4)

3. How much more/less? (Give at least an estimate.)

GHC

4. In general, how did your friends react to the news that you won?

HAPPY...1
 UNHAPPY...2
 NO REACTION...3
 DOESN'T KNOW I WON...4
 OTHER (SPECIFY)...5

5. Has anyone asked you for money or gifts because you won?

YES...1 (>>8D)
 NO...2 (>>8D)

6. Please describe their requests. (Include requests from spouse(s) and other family members.)

1. Name (PLEASE INCLUDE HHN IF APPLICABLE)	2. Relationship RELATIONSHIP CODE	3. What did they ask for? DESCRIPTION	4. Did you give it to them? YES...1 NO...2
a.			
b.			
c.			
d.			
e.			
f.			
g.			
h.			
i.			

Script for Public Goods Experiment

Dialogue

As we promised, today we are going to pay you GHC2 for your participation in the survey in April. The payment is to compensate you for the time you spent helping us with our research.

Give the person GHC2 (10x 20p coins).

As we discussed at a village meeting recently, you have the choice to donate some or all of this money to a fund which will be used to purchase a [public good] for [your village]. This was the item the people at that meeting decided would be most useful for [your village]. The money we collect will be kept in a bank account until the end of the year and then used to buy the [public good].

In order to assist your village to buy the [public good], we will match the donations of a certain number of people. Please take a bottle top from this bag to find out whether your donation will be matched. *Show the ratio card to the person and explain which number they drew based on the colour of the bottle top.*

- ***If the number drawn was $\frac{1}{2}$, 1, $1\frac{1}{2}$ or 2:*** You have drawn the number [X]. *Show card with numbers and matching amounts for the ratio drawn.* That means that for any donation you make to the fund, we will make an additional donation of [X] times what you donate. For example, if you donate c1, we will donate an additional [X times c1]. *Answer any questions and ensure the person understands this concept before continuing.*
- ***If the number drawn was 0:*** You have drawn the number 0. That means we will not be able to match your donation. However, you are still welcome to donate to the fund if you like.

You can choose to donate **any** amount. You do not have to donate unless you want to. What you choose to do is entirely your decision, and will be kept private. We will not tell anyone outside this room whether you donated, and it will not affect your status in the survey or your chance of winning prizes in the lottery. Your donations are important, however. The village will only get as much money to buy the [public good] as is raised through respondents' donations and the matching contributions.

Would you like to donate, and if so, how much will you donate?

Take donation (if offered) and place in the susu box. Count out the matching donation and explain the calculation. Place the matching donation in the box as well. Thank the person for their time and kind donation, and show them to the door. Once they have left, record the amount they donated on the form.

Actions after donations

After the donations are complete, we will open the box and count the money in the presence of the village chiefs. We will record the amount raised and announce it to them. We will explain that the money will be kept in a bank account until the end of the year, and then the total raised will be spent on the item they chose.

Script for possible questions, complaints

1. *Difficult villagers.* Give pretest participants a c1 note if they ask for it (provided they are identified). They must sign in as respondents do. They are not to continue to the experiment, however. Those who were neither in the sample nor the pretest are **not** to be paid under any circumstances.
2. *Proxy recipients:* The money is to be given **only** to the respondent him/herself. Respondents may **not** accept the money on behalf of their spouse. We will revisit absentees when they return.
3. *Dropped households.* Individuals whose households were dropped (in Konkonuru and Darmang) are **only to be paid if they completed both the household questionnaire and social network questionnaire**. In that case, give them a c1 note and ask them to leave. Don't continue with the experiment. Those who did not complete both questionnaires have not earned payment and are **not** to be paid. If the wife completed the questionnaires but the husband didn't, pay her but not him. In all cases, explain that because their household is no longer in the survey, they will not be paid again and will not take part in the lottery.
4. *I don't want the money.* If anyone refuses payment, it constitutes a full donation. Make this known to the respondent too. Continue with the experiment to determine the matching donation.
5. *Respondent refuses to take part in experiment.* The respondent has the right to leave at any time. Pay them their money and ensure they have signed for its receipt. Record the donation as zero in such circumstances.
6. *You didn't give me enough compensation for my time.* Paying respondents for surveys is not common. We are giving you a small amount of money in gratitude for your time, but are operating on a limited budget and this is the most we can offer.
7. *I don't like the match, I want to draw again.* Sorry, you cannot. The matching draw is final. If you were offered a different match ratio to a friend or spouse; this is intentional. You should make your own decision about donating based on the match we have offered.
8. *I want to donate more than c1.* We will accept larger donations, but can only afford to match up to [X] cedis (where X is the match proportion offered). Take the larger donation, record it on the form and put it in the box along with X cedis. Record X cedis on the form as the matched donation, and X as the match proportion.
9. *What happens to the money?* It will be counted in front of the assemblyman or chief, and kept in a bank account until December, when we will use it to pay for the village public good.
10. *I don't agree with the public good chosen.* The public good was decided by a village meeting with the leaders of the village present. As a village you may change your mind about the good later in the year, but only if everyone agrees. We are trying to offer your village something that is needed, and that a majority of people want. It is impossible to satisfy everyone, or buy everything that is needed.
11. *Any other questions?* **Do not improvise.** Call Thomas on 0245 927 606 for directions.

Bottle cap	Match ratio
	0
	$\frac{1}{2}$
	1
	$1 \frac{1}{2}$
	2

Darmang

Project: Complete the JSS building.

Raised so far:

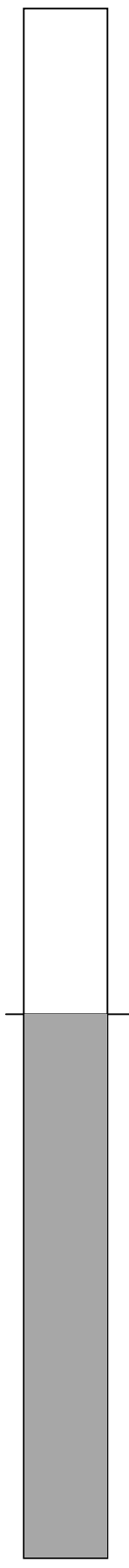
GH¢ 276

Required for project:

GH¢ 750

GH¢ 276

GH¢ 750



Raised
so far

Required