

Questionnaire 2019

Project: Social Insurance and Economic Growth [SIEG]

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Enumerator: Please, describe the SIEG project to the the interviewee.

The goal of this project is to analyze the relationship between the provision of consumption and productivity through village networks. For this reason, we would like to ask you few questions on consumption, income, and the allocation of resources before harvest (e.g., land and fertilizer use). We also study the redistribution of agricultural output after harvest (e.g., food transfers along the village network).

Enumerator: Please emphasize to the interviewee that we just want to collect data. That is, (1) we are NOT going to give the interviewee anything now or later and that we are NOT conducting experiments. (2) We do NOT belong to an AID program of any kind either. (3) We will not share information with the government. (4) We will NOT share information with ANY other VILLAGERS about you. (5) The data will be safely kept in an encrypted server at UniversitatAutonoma de Barcelona and only shared for research purposes with anonymized procedures.

Enumerator please emphasize to the interviewee that we just want to collect data. That is,

- 1. We are NOT going to give the interviewee anything now or later and that we are NOT conducting experiments.*
- 2. We do NOT belong to an AID program of any kind either.*
- 3. We will not share information with the government.*
- 4. We will not share information with any other villagers about you.*
- 5. The data will be safely kept in an encrypted server at UniversitatAutonoma de Barcelona and only shared for research purposes with anonymized procedures.*

Preamble question: Enumerator please ask interviewee for his/her consent to proceed with the survey: YES/NO

If YES, enumerator please remember,

the way you act will affect the accuracy of the information that you collect, as well as public perception of this exercise. Be willing to listen, be patient, polite, positive and friendly. Introduce the survey in a way that encourages the respondent: the introduction to the interview gives the respondent an idea of what the study is all about and why they should give up their time to participate. In general, as an enumerator, you need to:

1. *Be patient and tactful when interviewing household members to win their cooperation and trust.*
 2. *Ensure interviewed households to be measured complete confidentiality of all collected data.*
 3. *If the respondent hesitates about answering the questions, or asks what the information will be used for, repeat that the information will be kept completely confidential.*
 4. *Follow the instructions established during enumerators' training.*
 5. *Follow the instructions given by the team supervisor.*
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Section 0 Preamble and Basic Info

Section A: Household Roster

Section B: Network Elicitation

Section A: Household Consumption

Section B: Agricultural land and Production(Rainy Season)

Section C: Wages, Ganyu, Business Income, and other Sources of Income

C1 Wage Labor + Ganyu

C2 Business Income

C3 Other Sources of Income

Section D: Shocks

Appendix: Choice-Questions Answers

Section 0: Personal Information and Contact

[ENUMERATOR: DO THE INTERVIEW WITH THE HOUSEHOLD HEAD AND HIS/HER SPOUSE TOGETHER] IF ONE OF THEM IS ABSENT (e.g., working somewhere else

- 1. Interviewer name:
- 2. Interviewer ID:
- 3. Date (Day/Month/Year): __ / __ / ____
- 4. (a) Name of interviewee 1:
- 8. (a) Name of interviewee 2:
- 9. Does someone in your household have a phone number through which people in the village contact you?
- 10. If YES, to 9.
 - a) How many phone numbers does your household have in total?
 - b) Write down all phone numbers.
- 11. Where is your dwelling located in? [AUGUSTINE AND RAUL, TRY TO FIGURE OUT THE BEST WAY TO SPLIT THE MAIN VILLAGE. THE CHOICES here ARE TEMPORARY AND SHOULD BE IMPROVED]
 - 1. Gerald (different sub-villages).
 - 2. Ilimu.
 - 3. Karonga.
- 9. What are the GPS Coordinates of the Dwelling?

LATITUDE (S)

			°			.			
--	--	--	---	--	--	---	--	--	--

LONGITUDE (E)

			°			'			
--	--	--	---	--	--	---	--	--	--

Section A: Household Roster

0A I D C O D E	<p>Name of the household member:</p> <p>We define a member of the household as an individual that has eaten in the household at least 9 months in the past year. In addition, we define a member of the household as an individual that, although not eating in the household for 9 months in the past year, is currently in the household and expected to be in the next 9 months [e.g., new marriage partner].</p> <p>Please, give me the name of the members of your immediate family who normally live and eat their meals together here.</p> <p>DO NOT LIST SERVANTS WHO HAVE A HOUSEHOLD ELSEWHERE, AND GUESTS WHO ARE VISITING TEMPORARILY AND HAVE A HOUSEHOLD ELSEWHERE.</p>	<p>What is the nickname of [NAME]?</p> <p>[A nickname is a familiar name given to a person different than his/her real name]</p>	<p>[NAME]'S Gender:</p> <p>1=MALE 2=FEMALE</p>	<p>[NAME]'S Relation to Head?</p> <p>1 = Head 2 = Wife/husband 3 = Son/daughter 4 = Father/mother 5 = Grandchild 6 = Grandparent 7 = Mother/father-in-law 8 = Son/daughter-in-law 9 = Brother/sister-in-law 10 = Paternal aunt/uncle 11 = Maternal aunt/uncle 12 = Sister/brother 13 = Cousin 14 = Nephew/niece</p>	<p>OF How old is [NAME]?</p> <p>IF 6 YEARS AND OVER, GIVE YEARS ONLY. IF LESS THAN 6 YEARS IN AGE, GIVE YEARS AND MONTHS.</p>	<p>What is [NAME]'s present marital status?</p> <p>1 = MONOGAMOUS MARRIED OR NON-FORMAL UNION 2 = POLYGAMOUS MARRIED OR NON-FORMAL UNION 3 = SEPARATED 4 = DIVORCED 5 = WIDOW OR WIDOWER 6 = NEVER MARRIED</p>
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				15 = Step-child/half-brother/half-sister 16=Adopted/Fostered child 17=Adopted/Fostered child with parents alive living elsewhere 18 = Co-wife 19=Boyfriend/Girlfriend, includingPTM 20 = Other not related through blood or marriage (friends) 21 = Step-mother/step-father 22 =Paternal Grandparent 23=Maternal Grandparent 24=Paternal Granduncle 25=Maternal Granduncle -99 = don't know			
					(a) YEARS	(b) MONTHS	
1	Household head:						
2							
3							
4							
5							

Section B: NETWORK ELICITATION

[ENUMERATOR: USE THE INFORMATION ABOVE AND THE BOOKLET TO ENTER THE UNIQUE HOUSEHOLD ID NUMBER]

We would like to learn about your connection to other households in the village group (Gerald, Abasi, Ilimu, Karonga, Mtambo):

[ENUMERATORS: ENTER AT MOST 5 IDs; ANSWERS WITH 1 OR 2 SHOULD BE EXPECTED]

1. Think of the individuals that visit you most regularly at you home. What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

2. Which are the households that you visit most regularly?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

3. Think of individuals to whom you have lent money. What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

4. Think of the individuals from whom you have borrowed money. What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

5. Think of individuals to whom you have lent or given material goods (bike, kerosene, charcoal, bricks, hoe, etc.). What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

6. Think of individuals from whom you have borrowed or been given material goods (bike, charcoal, bricks, hoe, etc.). What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

7. Think of the individuals that attend church/mosque/temple with you. What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

8. Think of the individuals that you go to when you need medical help/advice. What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

9. Think of the individuals that are related to you by family (kinship/blood). What are their names? To which households do they belong?

[ENUMERATOR: Write down up to 5 names on the notebook.]

Per each PERSON,

Implement network matching protocol table.

We would like to learn about your connection with households in other villages, in towns, or in other countries:

10. Is there anyone who used to be part of this household or who is related (extended family) to someone in this household who is currently living in another village? What are their names?

[ENUMERATOR: Write down names on notebook]

[ENUMERATOR: Enter number of individuals mentioned.]

[ENUMERATOR: For each individual mentioned:]

10a. What is their relationship to the head? [ENUMERATOR: Chose one option from below – load list of relationship to head as in roaster]

10b What is the name of the village? [ENUMERATOR: write down name of village]

10c Are you able to go to this village and back in one day walking or cycling? [Yes/No]

11. Is there anyone who used to be part of this household or who is related (extended family) to someone in this household who is currently living in a town or major city (for example, Mangochi, Ulongwe or Blantyre)? What are their names?

[ENUMERATOR: Write down names on notebook]

[ENUMERATOR: Enter number of individuals mentioned.]

[ENUMERATOR: For each individual mentioned:]

10a. What is their relationship to the head? [ENUMERATOR: Chose one option from below – load list of relationship to head as in roaster]

10b What is the name of the town? [ENUMERATOR: chose option or write down name of town]

[Options: Balaka, Mangochi, Ulongwe, Zomba, Blantyre, Lilongwe, otherwise specify]

12. Is there anyone who used to be part of this household or who is related (extended family) to someone in this household who is currently living in another country? What are their names?

[ENUMERATOR: Write down names on notebook]

[ENUMERATOR: Enter number of individuals mentioned.]

[ENUMERATOR: For each individual mentioned:]

12a. What is their relationship to the head? [ENUMERATOR: Chose one option from below – load list of relationship to head as in roaster]

[Options: South Africa, Zambia, Mozambique, otherwise specify]

1. Food consumption in your household over the past 7 DAYS.

[illegible]

		(a) Quantity	(b) Units	(a) Qua ntity	MWK	(a) Quantity	(b) Units	YES/NO	INTEGER		YES/NO	INTEGER	
Maize ufa (mgaiwa or madeya or fine)													
maize grain (not as ufa)													
green maize													
Rice													
Bread													
Cassava flour													
....													

NETWORK FOOD TRANSFERS-IN per [FOOD ITEM].

A. Tell me the name of the PERSON:	B. How much [FOOD ITEM] did your household RECEIVE from PERSON?		C. Are you supposed to do or give something in return of [FOOD ITEM]?	D. If YES to D, what?	ANSWER NETWORK MATCHING PROTOCOL TABLE
Enumerator ask for the name but do not write it down.	UNIT	QUANTITY	YES/NO	Multiple Choice 1: Give-back food or in-cash value of it. 2: Give-back food or in-cash value of it with interests. 3: Ganyu labor. 4: Other labor. 5: Assistance when PERSON's household need it.	

NETWORK FOOD TRANSFERS-OUT per [FOOD ITEM].

A. Tell me the name of the PERSON:	B. How much [FOOD ITEM] did your household GIVE to PERSON?		C. Did you or are you supposed to receive something in return? YES/NO	D. What?	ANSWER NETWORK MATCHING PROTOCOL TABLE
Enumerator ask for the name but do not write it down.	UNIT	QUANTITY	YES/NO	Multiple Choice 1: Receive-back food or in-cash value of it. 2: Receive-back food or in-cash value of it with interests. 3: Ganyu labor. 4: Other labor. 5: Assistance when your household need it	

NON-FOOD CONSUMPTION							
<i>During the PAST MONTH, HOW MUCH IN TOTAL did your household SPEND ON...</i>		<i>DURING THE PAST 3 MONTHS, HOW MUCH IN TOTAL did your household SPEND ON...</i>					
A. items or paying for services to	B. clothing, shoes,	C. EDUCATION?	D. HEALTH?	E. contributing	F. from your own	G. contribute to a	H. from your own

run your household? [milling fees, charcoal, matches, telephone bill, phone units, transport, soap, toothpaste, batteries, donations, servicing your bike, barber, etc.]	umbrella, bowls, pots, pans, cooking utensils, torch, mattresses, mats, linen, cement, bricks, timber and so on?	[tuition fees, uniforms, books, transportation to school, etc]	[illness and injuries, medicines, hospital, traditional healer, stays, transportation, etc]	to a FUNERAL for someone in another household in the village?	pocket on FUNERAL for someone IN your household.	WEDDING for someone in another household in the village?	pocket on WEDDING for someone INyour household.
MWK	MWK	MWK	MWK	MWK	MWK	MWK	MWK

Section D: Agricultural land and production

A1: Land rights

Let's talk about your land and your agricultural production in the LAST RAINY SEASON (from October/November to April/May). Remember that this data will be anonymized before used. No village member, government or anyone else will know your answers. We start by talking about your land rights.

1. Do you own land? YES/NO
2. Does anyone in your household have the right to sell your land? YES/NO
3. Can the village head prevent your household from selling your land? YES/NO
4. Does anyone in your household have the right to bequeath your land? YES/NO
5. Can the village head prevent your household from bequeathing your land? YES/NO
6. Have you ever had any land dispute or disagreement with anyone over any of your plots? YES/NO
7. What action can you take to protect yourself from loss (e.g. expropriation) of your land? [Multiple Choice] [options from 2018 CTO]

A2: Land wealth

Let's talk about the land that you own.

8. How many plots does your household own? [NUMBER] [ENUMERATOR: These includes all owned plots whether they are cultivated or not].

Now we will ask you questions for each and all the plots that your household own. Please start answering for the largest plot until the smallest plot. Example: If you have 3 plots it would be: Plot 1 is the largest, Plot 2 is the medium, and Plot 3 is the smallest.

- a. You said that you own [NUMBER] plots. Let's talk about the [PLOT ID] plot that you own. Please, can you give a name to this plot? [Enumerator: Write PLOT NAME]
- b. How did your household acquire this [PLOT NAME]? [Multiple Choice] [options from 2018 CTO]
- c. What is the area of this [PLOT NAME]? (1) Number (2) Units: Acres, Hectares, Squared Meters, Football Pitches.
- d. If you were to rent out this [PLOT NAME] the next rainy season, how much could you rent it for? [VALUE IN MWK]
- e. If your household were to sell this [PLOT NAME], how much would you get for it? [VALUE IN MWK]

[Interviewer check that the plot with the largest size is the one that is more expensive. If not, ask why? [Enumerator, write a one-sentence comment]

- **GPS LAND (ONLY the largest plot). Augustine + driver do this?**

A3: Cultivated land

9. Did your household cultivate land in the PAST RAINY SEASON? YES/NO
If NO skip to section B:
10. How many plots did your household cultivate in the PAST RAINY SEASON? [ENUMERATOR: Check Cultivated = Own cultivated + Rented In]
11. How many of the plots that your household OWNS did your household cultivate in the LAST RAINY SEASON?
12. Did your household rent in any plots to cultivate? YES/NO
13. If yes to 1, how many plots did your household rent-in to cultivate in the PAST RAINY SEASON?
14. You said that you rented in [NUMBER] plots for cultivation in the LAST RAINY SEASON. Let's start with largest plot that you rent in till the smallest one. For each plot, please answer:
- a) Please, can you give a name to this plot? [Enumerator: Write PLOT NAME]
 - b) What is the area of this [PLOT NAME]? (1) Number (2) Units: Acres, Hectares, Squared Meters, Football Pitches.

A4: Agricultural production

Let's talk about the agriculture produced in each of your cultivated plots. First, confirm that the number of cultivated plots is [NUMBER], and the names of the plots are: The enumerator should see a screen that shows the PLOT ID and [PLOT NAME]. Enumerator should read the name of the plots.

15. Did your household CULTIVATE any of the following crops in the last rainy season? YES/NO
16. Did your household HARVEST any of the following crops in the last rainy season? YES/NO

CROP id	AGRICULTURAL OUTPUT			
	Total amount produced	Sellings	Stored	Lost

	What was the total amount produced of [CROP] during the last rainy season?		In which of your cultivated plots did your household produced [CROP NAME]?	You said you produced [NUMBER] [UNIT] of [CROP NAME]. How much did you produce in [PLOT NAME]? [Per PLOT]		What was the total amount and value of [CROP] sold?		Amount and value sold of [CROP] to households within the village		Amount and value sold of [CROP] in the village to people from outside the village (e.g. dealers that come from outside to buy, passersby)		Amount and value sold of [CROP] in market of another town, market in tarmac road, etc.		What was the total cost of transportation associated with [CROP] sales?	What is the total amount of [CROP] rainy season that you keep in storage at the moment? Enumerator: Check that amount stored is not larger than total produced [AMOUNT] [UNIT].	From the total amount produced of [CROP], how much did you lose (due to pests, theft, mice, etc.) since harvest? Enumerator: Check that amount lost is not larger than total produced [AMOUNT] [UNIT].
	Quantity	Units (1) kg; (2) 50kg bag; (3) 70 kg bag; (4) 90 kg bag; (5) 20kg tin; (6) 5kg tin; (7) Other (Enumerator: write in or convert to above)	[MULTIPLE CHOICE with the PLOT NAMES]	Quantity	Units	Quantity	MWK	Quantity	MWK	MWK	(1) Quantity	(1) Quantity	MWK	MWK	Quantity	(1) Quantity

A5: Agricultural labor

Let's talk about the agricultural work of your family in the plots that your household cultivates. Agricultural activities include land preparation, seeding/planting, fertilizing, weeding, harvesting, etc. Enumerator should see a screen that shows the Household Members. Enumerator should read the name of the household members

7. What household members worked in any agricultural activity in any of the plots cultivated by your household in the LAST RAINY SEASON? [MULTIPLE CHOICE with the HOUSEHOLD MEMBER NAMES, YES/NO]

Per each household member that worked in a plot, please answer the following table:

AGRICULTURAL HOUSEHOLD LABOR						
	In which of your cultivated plots did you [HOUSEHOLD MEMBER] work in the LAST RAINY SEASON	PER EACH PLOT that [HOUSEHOLD MEMBER] worked in, please answer:				
Household member ID:		B4) How many MONTHS [HOUSEHOLD MEMBER] work on average in [PLOT] during the PAST RAINY SEASON?	B3) How many WEEKS PER MONTH of did [HOUSEHOLD MEMBER] work on average in [PLOT] during the PAST RAINY SEASON?	B2) How many DAYS PER WEEK did [HOUSEHOLD MEMBER] work doing on average in [PLOT] during the PAST RAINY SEASON?	B1) How many HOURS PER DAY did [HOUSEHOLD MEMBER] work on average in [PLOT] during the PAST RAINY SEASON?	
		1-7. If not know, write -99	1-4 If not know, - 99	1-7 If not know, -99	1-24 if not know, -99	
1						
2						
3						
4						
5						

Let's talk now about the people that you hire to work on your plots for land preparation, seeding/planting, fertilizing, weeding, harvesting or other agricultural activities during the LAST RAINY SEASON.

Did you hire someone outside your household to work on your plots during the last rainy season? For all tasks including land preparation and sowing, input application, weeding and pruning, harvesting, etc.

If YES answer:

AGRICULTURAL HIRED LABOR									
A. For all your plots how many PEOPLE did you hired in during the last rainy season?			In which plots did the persons that you hire work in?	B. On average, how many WEEKS during the last rainy season did they work?	C. On average, how many DAYS per WORKING WEEK did they work?	D. On average, how many HOURS per WORKING DAY did they work?	E. How much did you PAY including the value of in-kind payments for all hired labor during the last rainy season?		
Men	Women	Children		1-52	1-7	Decimal (0-24)	Men	Women	Children

A6: Agricultural Intermediates

11. How much did your household spend on seeds in the PAST RAINY season? MWK.
12. How much did your household spend on herbicides and pesticides in the PAST RAINY season? MWK.
13. Did your household use organic fertilizer in the LAST RAINY season? YES/NO.

Let's talk about fertilizer coupons. Remember that this data will be anonymized before used. This means that no village member or anyone else will know that these answers are your answers.

14. Did your household receive a coupon to buy fertilizer from the government? YES/NO
15. Did your household receive coupons [ENUMERATOR: EMPHASIZE COUPONS, NOT FERTILIZER] from some other household? YES/NO
16. Did your household buy coupons [ENUMERATOR: EMPHASIZE COUPONS, NOT FERTILIZER] from some other household? YES/NO
17. Did your household pay for the coupons? Yes/No
18. If yes, on average, how much did your household pay per each coupon? [MWK]
19. Did your household use chemical fertilizer (including from coupons) in the PAST RAINY season?

CHEMICAL FERTILIZER USAGE							
How many KG did your household use in chemical fertilizer (including from coupons) in the PAST RAINY season for ALL PLOTS?	G. How many KG did your household BUY in chemical fertilizer (including from coupons) in the PAST RAINY season for ALL PLOTS?	H. How much did your household PAY for the chemical fertilizer?	I. Did your household receive chemical fertilizer from someone else in THE PAST RAINY SEASON?	J. How much chemical fertilizer did your household receive?	K. For which plots did you use chemical fertilizer? (Multiple choice)	L. Per each [PLOT] how much kgs of chemical fertilizer did your household use in [PLOT]?	M. If yes to E, from how many PERSONS did your household receive chemical fertilizer?
Kg	Kg	MWK	YES/NO	kg	Multiple choice: PLOT NAMES	kg	integer

15. If yes to question E, please answer the following table:

NETWORK-IN CHEMICAL FERTILIZER.

A. Tell me the name of the PERSON:	B. How much chemical fertilizer did your household receive from PERSON?	C. Did you or are you supposed to give something in return?	D. What? [Multiple Choice]	E. Did you go to talk to the chief first to receive that chemical fertilizer?	F. Was the chief involved in that chemical fertilizer gift? [As for example, in the quantity received, things to do in return of it, contacting you]	G. Start NETWORK MATCHING PROTOCOL.
Enumerator ask for the name but do not write it down.	KG	1 = YES 2 = NO	1= Give-back food or in-cash value. 2 = Give-back food or in-cash with interests. 3 = Ganyu labor. 4 = Other labor. 5 = Assistance when required..	1 = YES 2 = NO	1 = YES 2 = NO	

Fertilizer Exchange Out

19. Did your household give chemical fertilizer to some other household? YES/NO
a) If YES, to how many PERSONS did your household give chemical fertilizer?

Answer the following table per each PERSON you gave chemical fertilizer

NETWORK CHEMICAL FERTILIZER-OUT.

A. Tell me the name of the PERSON:	B. How much chemical fertilizer did your household GIVE to PERSON?	C. Did you receive or are you supposed to receive something in return? [as labor, pay in cash, etc.]	D. What?	E. Did the village chief propose you to give chemical fertilizer to that PERSON?	F. Did the village chief bargain with you about the quantity of fertilizer given?	G. Start NETWORK MATCHING PROTOCOL.
Enumerator ask for the name but do not write it down.	KG	1 = YES 2 = NO	1= Give-back food or in-cash value of it. 2 = Give-back food or in-cash value of it with interests. 3 = Ganyu labor. 4 = Other labor. 5 = Assistance when required.	1 = YES 2 = NO	1 = YES 2 = NO	

A7: Land renting networks

1. You said that you RENTED-IN [NUMBER] of plots in the LAST RAINY SEASON. Which plots did you RENTED-IN in the LAST RAINY SEASON? [MULTIPLE CHOICE with the PLOT NAMES, YES/NO]

Per each plot you RENTED-IN please answer the following table:

2. Let's talk about plot [PLOT] that you RENTED-IN:

NETWORK RENT-IN LAND				
A. Tell me the name of the PERSON you rented [PLOT] from:	C. How much did your household pay (or is supposed to pay) to PERSON for	D. To rent [PLOT] did you talk with the chief first?	E. Was the chief involved in the bargaining of the renting price of [PLOT]?	G. Start NETWORK MATCHING PROTOCOL.

	renting [PLOT]?				
Enumerator ask for the name but do not write it down.	Period of time payment	MWK	1 = YES 2 = NO	1 = YES 2 = NO	

- Did your household rent-out any of your PLOTS in the last rainy season? YES/NO [If NO, SKIP to next section]
- You said that you OWN [NUMBER] plots. Which of these plots did you [RENTED OUT] in the LAST RAINY SEASON? [MULTIPLE CHOICE with the PLOT NAMES, YES/NO]

Per each PLOT selected please answer the following table

- Let's talk about plot [PLOT NAME] that you RENTED-OUT:

Answer the following table per each person your household rented-out land

NETWORK RENT-OUT LAND						
A. Tell me the name of the PERSON that rented your [PLOT]:	C. How much did your household was paid (or is supposed to be payed) from PERSON for renting-out [PLOT]?		D. To rent-out this [PLOT], did you talk with the chief first?	E. Was the chief involved in the bargaining of the renting price of [PLOT]?	F. Could the chief prevent you from renting-out {PLOT] at the price you wanted?	G. Start NETWORK MATCHING PROTOCOL.
Enumerator ask for the name but do not write it down.	Period of time payment	MWK	1 = YES 2 = NO	1 = YES 2 = NO	1 = YES 2 = NO	1 = YES 2 = NO

A8: Agricultural capital

22. Does your household own farming equipment and machinery? Answer following table:

FARMING EQUIPMENT AND MACHINERY			
ITEM	a. Does your household own [ITEM]?	b. How many [ITEM] does your household own?	c. If your household were to sell all of [ITEM], how much would you get from it/them?
Hand hoe			
Slasher			
Axe			
Sprayer			
Panga knife			
Sickle			
Treadle Pump			
Watering can			
Ox cart			
Ox plough			
Grain mill			
Spade			
Wheel barrow			
Other (specify)			

1. How much did your household SPEND in [RENTING IN] equipment in the PAST RAINY season: farm implements and machinery (e.g., hand hoe, slasher, axe, sprayer, panga knife, sickle, treadle pump, watering can, ox cart, ox plough, generator, maize shell, spade, wheelbarrow) in the LAST RAINY season? [VALUE IN MWK]
2. How much did your household EARN from [RENTING OUT] equipment: farm implements and machinery (hand hoe, slasher, axe, sprayer, panga knife, sickle, treadle pump, watering can, ox cart, ox plough, generator, maize shell, spade, wheelbarrow) in the LAST RAINY season? [VALUE IN MWK]

Section C: Wage Income, Business Income, and other Sources of Income

C1: Labor Income

1. Did some member of your household including yourself work in a job as an employee for a wage, salary, commission or any payment in kind EXCLUDING GANYU during the last rainy season (*from October till May*)?
2. Now we will ask you about household labor income for all jobs that households members had:

SALLARY LABOR INCOME					
A4) How many MONTHS in the PAST RAINY SEASON did members of this household work in a job?	A3) How many WEEKS PER MONTH did members of this household work in a job?	A2) How many DAYS PER WEEK did members of this household work in a job?	A1) How many HOURS (on average) PER DAY did members of this household work in a job?	c) on average, HOW MUCH salary was paid including in-kind payments for jobs to your household?	d) What period of time does the salary payment cover? (MONTHS, WEEKS, DAYS)
1-12. If not know, write -99	1-4 If not know, - 99	1-7 If not know, -99	1-24 if not know, -99	MWK.	Months=1, Weeks=2, days=3, hours=4

2. In the **past 7 days**, did you or any member of your household do [GANYU] work? YES/NO

GANYU LABOR				
On average, how many weeks during the last 3 months did any member of your household do ganyu?	On average, how many days per week did any member of your household do ganyu?	On average, how many hours per day did any member of our household do ganyu?	How much, on average, was your household paid (including in-kind) for the ganyu?	
1-12	1-7	1-24	Payment MWK	Payment period: 1 hourly, 2: daily, 3: weekly, 4: monthly 5: per task

C2: Business Income

Let's talk about non-agricultural businesses that you or someone in your household operate during the LAST MONTH.

1. During the LAST MONTH did any member of your household have operated a non-agricultural business or have owned a shop or operated a trading business?

[ENUMERATOR: A [BUSINESS] is an income generating non-agricultural enterprise which produces goods or services or owned a shop or operated a trading business]

HOUSEHOLD BUSINESS INCOME			
What activity was the business about? [if household had more than one business in different activities write the activities separated by a comma]	b) What was the total SALES [zogulitsa] of products, goods or services of this business in the PAST MONTH? [If more than one business aggregate all revenues across businesses]	c) If hired people to work on THIS BUSINESS, what was the expenditure on total labor during the last month? [If more than one business aggregate all labor costs across businesses]	d) Besides labor, how much did this business SPEND ON OPERATING THE FIRM in the PAST MONTH? including buildings and machinery rentings, inputs used as kerosene, electricity, etc, raw materials/stock. [If more than one business aggregate all non-labor across businesses]
text	1-12	MWK	MWK

C3: Other sources of Income

1. Over the past rainy season did you or any member of your household receive assistance (monetary, job-opportunities, food, farm inputs, health-care) from an NGOs. YES/NO
2. Please state how much in total? (Estimated in MWK).
3. Over the last year did you or any member of your household receive the cash transfer program (mtukula pa komo) from the government? YES/NO
4. Please state how much in total? (Estimated in MWK).
5. Over the last year did you or any member of your household receive monetary or food assistance from the Malawian government? Including food-relief programs. YES/NO
6. Please state how much in total? (Estimated in MWK).

7. Over the past rainy season did you or any member of your household receive income from individuals (e.g., children) living elsewhere (e.g., South Africa)? Please state how much in total? (Estimated in MWK).
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Section E: Shocks

Now let's talk about the shocks that your household might have experienced during the last rainy season. Shocks are events that happen suddenly and present difficulties for the household. Usually they have a marked beginning and end.

SHOCKS AND RISK-COPING		
Type of SHOCKS:	1. Did your household experience any of the following SHOCKS in the last rainy season? <i>[Please select all that apply]</i>	2. What actions did your household take to deal with SHOCK? <i>[Select as maximum 3 options]</i>
	YES/NO	1. Ganyu Work. 2. NGO work. 3. Assistance from a relative, friend or neighbor. 4. Assistance from/through the chief. 5. Credit from a shop-retailer, moneylender or bank. 6. Spend saved cash or crop storage. 7. Sold livestock or other assets. 8. Household member looked for a temporary job in another village or city. 9. None.
Flood		
Irregular rain and/or drought		
A family member died		
An adult household member felt sick/injured for more than 4 days.		
A non-adult household member felt sick/injured for more than 4 days.		
Strong increase of prices for inputs.		
Strong decrease of prices for output.		

Pests and/or livestock diseases.		
Theft (including livestock, crops and household assets)		
Business failure		
Unemployment or strong decrease on wage of an adult household member		
Other		

Network matching table

NETWORK MATCHING PROTOCOL									
A. Is PERSON from the village group (Gerald, Kalonga, Ilimu)? 1 = YES 2 = NO	If YES to A, please answer:								
	B1. Use the booklet to identify the unique household id number of PERSON:	B2 How did you match that household?							
			If PERSON is NOT IDENTIFIED from booklet, start EX-POST MATCHING PROTOCOL.						
			B3. Gender of the PERSON?	B4. Approximate AGE of the PERSON?	B5. Where does PERSON live?		If you know the phone number of PERSON or his/her household, please write it down:	B6. Can you repeat me again the name of the PERSON?	
	[Write down PERSON's HOUSEHOLD ID]	1 = Location 2 = Phone number 3 = Spouse name 4 = Name of the children 5 = Nickname 6= Neighbors 7 = Other (please, specify)	1= MALE 2= FEMALE	1= [0-16] 2= [14-25] 3= [23-35] 4 = [33-45] 5 = [43-60] 6 = [+60]	1 = Gerald 2 = Ilimu 3 = Kalonga 4= Abasi 5= Mtambo	If Gerald, please select sub-chief area: 2 = Chisuse 3 = Lipenga 4 = Gerald 5 = Mkanda 6 = Mkwanda 7= Mwiniya	Integer [9999 if not know or doesn't have.]	[Now enumerator write down the name PERSON]	

	(multiple choice)				8 = Peko			
If NO to A, please answer:								
C1. Where is PERSON from?	C3. Is PERSON a family relative of yours?	If NO to C3, what is your relationship to PERSON?	Was PERSON living in the village group (Gerald, Ilimu, Kalongo) before?	If YES, when did PERSON leave?	C6. Can you repeat me again the NAME of the PERSON? [Now enumerator write down the name PERSON]			
1 = Liwonde/Balaka area. 2 = Mangochi area. 3 = Malawi 4 = Abroad 5 = Other (specify)	1 = YES 2 = NO	1 = Friend. 2 = Work Colleague. 4 = Business/trade relationship. 5 = No specific relationship.	YES/NO	1 = Less than 6 months 2 = Less than a year 3 = Less than 5 years 4= More than 5 years	text			