

Chiradzulu Baseline Household CENSUS

Greetings! You are about to begin the Chiradzulu Baseline Household Census. Please fill in the following questions before engaging the respondent.

Section 1 - Survey Information and Informed Consent

1. a. FO Name: _____
2. Where are you conducting this survey?:
 - a. Traditional Authority (TA): _____
 - b. Group Village Headman (GVH): _____
 - c. Village: _____
3. Date of interview: (DD/MM/YYYY) / /
4. Time start interview: (24 hr clock) :
5. **DO NOT READ** Is this the first visit to the household?
☐ Yes
☐ No, it is a mop-up (got information from VE/neighbour)
☐ No, it is a mop-up (GPS only)"
6. (If 5= no) Please enter the 4 digits (numbers) of the Household ID
7. (If 5= no) Please enter the 3-4 characters (letters) at the end of the household ID
8. (Are you able to proceed with the normal census for this household? ☐ Yes / No

Answer NO if any of the following:
 - **No-one is available** to answer questions for the household
 - The household members **cannot respond** to the survey (for example due to mental illness)
 - There is **no time left** to census this household today
 - The household hasn't been occupied for the **last 3 months** (e.g. it is a holiday home)
9. (If 8=yes) **DO NOT READ** Who is providing information for this household? .
☐ Household head / spouse
☐ Other household adult
☐ Neighbor
☐ Village elder / guide
☐ Someone else
10. (If 8 = No) Why can't you proceed with the survey?
☐ No-one available to provide info
☐ Household members cannot respond
☐ End of day, do not have time
☐ Not occupied for last 3 months
11. **FO:** This description is to help you find the house again. **Suggestions for descriptions include:** comparing the house's position (e.g. North) to the village elder's house, or a community landmark (e.g. school); recording which clan area the household falls within

and/or recording neighbours' names.

Briefly describe the house and the path to the house so that it can be found again

Consent

Please approach the respondent and seek their informed consent by reading the consent script to the respondent.

CONSENT TO PARTICIPATE IN RESEARCH

Key Information

We are conducting a listing of all households in this village for a research study. You are being invited to participate. Participation is completely voluntary.

The purpose of this study is to better understand household demographics in Malawi.

This questionnaire is expected to take about 5-10 minutes.

Risks and/or discomforts may include the risk of breach of confidentiality.

There is no direct benefit to you, but this study may benefit communities like yours by us better understanding their livelihoods.

For Enumerators: We are conducting a listing of all households in this village for a research study. You are being invited to participate. Participation is completely voluntary. The purpose of this study is to better understand household demographics in Malawi. This questionnaire is expected to take about 5-10 minutes. Risks and/or discomforts may include the risk of breach of confidentiality. There is no direct benefit to you, but this study may benefit communities like yours by us better understanding their livelihoods.

Participation in research is completely voluntary. You have the right to decline to participate or to withdraw at any point in this study without penalty or loss of benefits to which you are otherwise entitled.

Questions

If you have any questions or concerns about this study, you may contact Innocent Amos at +265 882 895921 | innocent.amos@idinsight.org or Mtise Mwanza at +260 763 457815 | mtise.mwanza@idinsight.org.

Have available on request if needed: Hello, I am [name] from IDInsight Research Consulting Firm. We are conducting a listing of all the households in this village for a research study. The purpose of this study is to understand the livelihoods of households in Malawi.

If you agree, we will collect basic contact and demographic information about your household, which will take approximately 5-10 minutes. We may use this information to contact you again later for additional surveys as part of this study.

There is no direct benefit to you anticipated from participating in this study; however, it is hoped that the information gained from the study will help researchers to better understand the work and livelihoods of households in Malawi, and how these may change over time.

We anticipate minimal risks associated with participating in this survey. You can decline to answer any question at any time, or opt out of the study at any time.

Your data will not be shared for anyone. We will only keep your data to possibly contact you in the future for additional surveys and research. All identifiable information will be deleted before any data is made public. After such removal, the information could be used for future research studies or distributed to other investigators for future research studies.

As with all research, there is a chance that confidentiality could be compromised; however, we are taking precautions to minimize this risk.

To minimize the risks to confidentiality, we will separate any information that identifies you from your other answers, so that only our researchers will be able to track your answers back to you. Identifiers will be secured in an encrypted external hard drive, and only retrieved if the Principal Investigator, Professor Dennis Egger, or other researchers involved in this study decide to collect a further round of follow-up survey data.

You will not be paid monetarily for taking part in this study. But, we would like to give you a bar of soap as a token of appreciation for your time at the end of the survey.

Participation in research is completely voluntary. You have the right to decline to participate or to withdraw at any point in this study without penalty or loss of benefits to which you are otherwise entitled.

Questions

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Consent

If you agree to participate in this research study, please say so.

12. Do you consent to take part in this research? ☐ (1=Yes, 0=No)

- a. **(if no) Record your impressions of why the FR refuses to participate during this survey round. If you feel comfortable doing so, you may ask the FR why:** Why don't you want to participate in this survey round? **Choose up to 3 reasons.**

☐ ☐ ☐ Other:

-
- 1 = Survey is too long
 - 2 = FR has caregiving duties
 - 3 = FR has to work
 - 4 = FR does not want to disclose personal information
 - 5 = FR is suspicious of IDInsight
 - 6 = FR hasn't received (further) assistance from IDInsight or GiveDirectly and doesn't want to participate because of that
 - 7 = FR just doesn't want to / no reason given

10 = Other, specify: _____

- b. **(if no) Closing Interview Statement:** Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the IDInsight office. Contact Innocent Amos at +265 882 895921

End interview here.

13. We would like to record part of this interview so that we can perform data quality checks on the data collected as part of this survey. This recording will only be used to check data quality and we will delete it once survey data checks are complete. Would it be ok to record part of this interview? ☐ Yes / No

Section 2 - Contact information

1. Is this household a permanent residence? *Select NO if it is a holiday or temporary home, or has not been substantially occupied in the last 3 months.* ☐ (1=Yes, 2=No)

2. Does this household have a...? Select one

- ☐ Primary male
☐ Primary female
☐ Both a primary male and a primary female
☐ Refuse to answer
☐ Don't Know

3. Details of the primary male in the household: *Note: the primary male of the household is whatever the household thinks is the main male person. This could be the household head, or the spouse of the household head.*

(a) *Primary male name Please enter the full legal name of the primary male in the household. If it is not known, enter -99.* _____

(b) Does the primary male have other names or nicknames that would identify him in this community?

- ☐ No
☐ Yes

(if yes) Please enter the nickname if reported to have one.

(c) Primary male age in years ☐

Please enter the age of the primary male. Note: If the respondent does not know their age, please ask them to estimate it. If they cannot, provide a rough estimate of their age.

4. Details of the primary female in the household: *Note: the primary female of the household is whatever the household thinks is the main female person. This could be the household head, or the spouse of the household head.*

(a) *Primary female name Please enter the full legal name of the primary female in the household. If it is not known, enter -99.* _____

(b) Does the primary female have other names or nicknames that would identify her in this community?

- ☐ No
☐ Yes, _____

(c) Primary female age in years ☐

Please enter the age of the primary female. Note: If the respondent does not know their age, please ask them to estimate it. If they cannot, provide a rough estimate of their age.

(d) Is [pf name] currently pregnant? ☐ yes / no / refuse / DK

(e) **(if yes)** When does [pf name] expect to give birth? ☐ ☐ MM YYYY

5. **(If both primary male and primary female)** Who is the household head?

- ☐ Primary male: [pm name]
☐ Primary female [pf name]
☐ Other

☐ Don't Know
☐ Refuse to answer

6. **(If other)** If the household head was not listed, please go back to **check you have correctly entered the names of the primary male and primary female**.

If the names are still not appearing, enter the household head's name.

7. Is there any phone number that we could use to reach you, even if it is not your own phone? **If YES, continue. If NO, probe the FR for once again. If the FR insists there is no way to reach them by phone (or they do not know any numbers), skip to next question.**

- a. **If yes:** Please give me that number.

- b. Whose phone is this? Write name. _____

- c. What is this person's relationship to you? Use G4 codes. ☐ Other: _____

8. Is there another phone number by which we may reach your household? (1=Yes, 2= No, do not know a usable number ☐

- a. **(If yes)** Please give me that number.

- b. **(If yes)** Whose phone is this? Write name.

- c. **(If yes)** What is this person's relationship to you? Use G4 codes.

☐ Other: _____

9. **(if speaking to a member of the HH and at least one phone number given)** In the future, we may want to contact you by WhatsApp. Do you have a number we can use to reach you by WhatsApp? (1=Yes, 2=No) ☐

- a. **If yes:** Please give me that number.

☐ same as above

☐ Other:

- b. **(If not a previous number)** What is this person's relationship to you? Use G4 codes.

☐ Other: _____

G4 codes

1. Self	13. Current Neighbor
2. Spouse	14. Previous Neighbor
3. Former Spouse	15 .Friend From School
4. Parent	16. Friend From Work
5. Child	17. Friend From Church/Mosque/Religious Community
6. Sibling	

7. Grandparent 8. Grandchild 9. Uncle/Aunt 10. Niece/Nephew 11. Cousin 12. Other Relative	18. Friend From Community Group 19. Other Friend 20. Current Co-Worker 21. Former Co-Worker 99. Other
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Section 3 - Demographics

Read: Now I would like to find out about all of the individuals in your household. By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home. By the individuals in your household, I mean those who “eat from the same pot” and spend 4 nights or more in an average week sleeping in your home.

1. How many people live in this household, OTHER THAN the primary male and female we already talked about? *If the respondent is not sure, ask them to estimate.* _____
2. The total number of people in the household is **`\${hh\_total}`**, of which **`\${hh\_head\_value}`** are primary household members for whom we have already collected details.

We will now ask some additional information about each of the household members, other than primary male and female members.

LOOP THROUGH ALL HOUSEHOLD MEMBERS (OTHER THAN PRIMARY MALE AND FEMALE) {

- a. What is this person's name?
 - b. What is their age in years? *Enter zero if they are less than one year, and complete the following question. Default is 0.*
 - c. If the person is less than one year old, what is their age in months? *Round to the nearest month; not required: enter nothing if person is older than one year.*
 - d. What is their gender?
 - e. **(if female and age $\geq$ 10 & $\leq$ 60)** Is [name] currently pregnant?
 - f. **(if yes)** When does [name] expect to give birth? ____|____| MM YYYY
- }**

Section 4 - Characteristics and Assets

1. Of what material is the roof predominantly made? **DO NOT READ.**

1=Iron / tin,

5=Cement / concrete

2=Grass thatch

6=Palm leaves

3=Plastic sheets

10=Tiles

4=Mud, branches

11=Unfinished / incomplete roof

12= Wood planks

13= Cardboard

-77 = Other, describe: _____

2. How many rooms does the household have? _____ *Rooms have 4 permanent walls and a roof. Include all buildings that any members of the household live, sit or sleep in e.g. kitchens, bedrooms, bathrooms, boys quarters, even if the structure is separate. Exclude buildings that are not used for household members living e.g. used for storage or animals.*

3. Does your household own any of the following...?

☐ bicycle

☐ mattress

☐ phone

☐ radio

☐ solar panel (not small phone or torches)

☐ None of the above

Section 5 - Economic Activities

1. In the last planting season, did you cultivate any land? ☐ Yes/No

a. **(if yes)** What is the **unit** you use to measure the land cultivated by your household?

☐ Acres

☐ Metres squared

☐ Other ____

b. **(if yes)** In the last planting season, how many [units] of land did your household cultivate? ____

An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field.

2. Does your household own any livestock (chickens, goats, cows, pigs, etc.)?

☐ Yes/No/Don't know

a. **(if yes)** How many

☐ **chickens** does your household own?

☐ **goats** does your household own?

☐ **cows** does your household own?

☐ **pigs** does your household own?

b. Does your household own any other livestock we haven't already discussed?

☐ Yes / No / refuse / DK

(if yes) What other livestock do you own, and how many? *List any other livestock in a comma separated list. For example, "sheep, 1" or "fish, 1 pond with 20 fish".*

3. **In the past 12 months**, were any members of your household employed, working for pay for someone else? *Probe FR as to whether any members of the household are casual laborers, including casual labor for pay on someone else's farm or casual labor in other industries. (1=Yes, 2=No, -99=FR is not employed/volunteering and does not know about other household members)* ☐

4. **(If yes)** What was the nature of the employment? *Select all that apply.*

☐ Casual employment

☐ Formal employment (e.g. has a contract)

5. **(if any)** In what occupation was the most important source of employment? *Select all that apply.*

☐ Agriculture: for another household

☐ Agriculture: agri-business

☐ Livestock: for another household

☐ Livestock: agri-business

☐ Domestic worker

☐ Security guard / soldier / police

☐ Cleaner/Housekeeping/Janitor

☐ Construction worker

☐ Factory worker

☐ Driver

☐ Teacher

- ☐ Nurse, health worker, etc.
- ☐ Professional occupation: doctor, lawyer, teacher, accountant, etc.
- ☐ Government administration: elder, village official, etc.
- ☐ Religious profession: priest, etc.
- ☐ Work
- ☐ Work for a small business
- ☐ Other: _____

6. **(if working for a small business)** Primary enterprise **sector** and **category**? *Use same codes as above.*

7. **DO NOT READ:** Is anyone in this household the Village Headman or Group Village Headman?

- ☐ No
- ☐ Yes, Village Headman
- ☐ Yes, Group Village Headman
- ☐ Don't know
- ☐ Refuse to answer

Enterprise Census

8. Did anyone in the household own a non-agricultural business or self-employed activity in **the last 12 months**? *Prompt: A non-agricultural business or self-employment is any activity that you do for money or for supporting your household purchases, where you sell something, even if it is not much. Count any business where the household has sold more than 10,000 Kwacha worth of products in a typical month. Prompt for all household members, not just the respondent.* ☐ Yes/No
9. **(if yes)** How many different businesses or self-employed activities has any member of your household run **in the last 12 months**? *Note: We are asking for the total number of businesses the household has run. Include all the self-employment the FR or someone else in the household has had. The FR can invite relevant person in to help answer questions for this part.*

Read: I will now ask some brief details about these X enterprises.

REPEAT FOR EACH ENTERPRISE {

10. Who in this household is the primary owner of the business?
☐ [HH member 1]
...
☐ [HH member N]
☐ Other: _____
11. Who is providing information for this business?
If possible, please try to fetch the owner of the business to provide this information!
☐ Owner
☐ Employee of the business (HH member)
☐ Employee of the business (not a HH member)
☐ Other household member
12. Briefly describe this business activity: **CODERS: make mandatory.**

13. What is the name of the business? *Not required. Please leave empty or enter "No name" if the business does not have a name.*

14. What is the sector of enterprise [number]? *B*
☐ Food vendors
☐ Agriculture
☐ Non-food vendors
☐ Manufacturing
☐ Services (including transport)
☐ Other, specify _____
15. Primary enterprise category:
Food vendors
☐ Raw food stalls (fruit, vegetables, etc.)
☐ Processed food stalls (small grocery store, etc.)

- ☐ Cereals and other grains
- ☐ Jaggery / sugar
- ☐ Butcher
- ☐ Fish sale / monger
- ☐ Sale / brewing of homemade alcohol
- ☐ Livestock vendors

Agriculture

- ☐ Agricultural / vet supplies (seeds, vet medicine, etc.)
- ☐ Tree / plant nursery

Non-Food vendors

- ☐ Household items (pots, pans, etc.)
- ☐ Hardware stores/stalls
- ☐ Electronic goods seller
- ☐ Arts and crafts, baskets, etc.
- ☐ Clothing and footwear seller
- ☐ Charcoal vendor
- ☐ Brick, stone, sand, wood vendors
- ☐ Gas / kerosene / paraffin vendor
- ☐ Water seller
- ☐ Chemist / pharmacy

Manufacturing

- ☐ Carpenter / woodwork
- ☐ Metalwork / welding
- ☐ Motor vehicles mechanic (bikes, cars)
- ☐ Bicycle mechanic
- ☐ Tailor

Services (including transport)

- ☐ Beauty salon / barber shop
- ☐ Mobile charging / mobile money agent
- ☐ Restaurant / Bar
- ☐ Guesthouse, hotel
- ☐ Video room / football hall
- ☐ Photo studio / cyber cafe
- ☐ Laundry
- ☐ Other: _____

16. **(if not ONLY transport)** From where does this enterprise operate? *Select all that apply.*
If the enterprise was not operational in the last 30 days, please put the locations it operated in its last month of operation.

Note: for consumer facing firms, operating means selling. For production-based enterprises, operating means producing.

- ☐ Homestead
- ☐ This village, outside the homestead
- ☐ Another village in Chiradzulu
- ☐ In a market center in Chiradzulu
- ☐ Outside Chiradzulu
- ☐ Other
- ☐ Refuse to answer

☐ Don't know

17. **(if this village, outside the homestead) TAKE A NOTE OF THE ENTERPRISE TO COME BACK WHEN POSSIBLE. CAPTURE THE ENTERPRISE IN THE SEPARATE FORM WHEN YOU ARE THERE.**

18. **(if a marketplace in Chiradzulu)** At which markets in Chiradzulu has this business operated in the **last 30 days**? Please first enter the TA of each of these MARKETS in which $\{s5_enterprise_num\}$ operates. Make sure to select the TA for ALL of the markets.

a. What are the TAs of all other MARKETS? ☐ [TA 1] *Maximum 3*

...

☐ [TA N]

☐ Other

b. Which MARKETS ? **Filtered from 18a.** *Maximum 3*

☐ [Market 1]

☐ ...

☐ [Market N]

☐ Other

c. **(if other)** Which other MARKETS (not already mentioned)?

19. **(if in another village in Chiradzulu)** At which OTHER villages in Chiradzulu has this business operated **in the last 30 days**? Please first enter the TA of each of these VILLAGES. Make sure to select the TA for ALL of the villages.

a. What are the TAs of all other VILLAGES? *Select multiple. Maximum 3*

☐ [TA 1]

...

☐ [TA N]

☐ Other

b. What are the GVHs of all other VILLAGES? **Filtered from 19a.** *Select multiple. Maximum 3*

☐ [GVH 1]

...

☐ [GVH N]

☐ Other

c. What are the VILLAGES? **Filtered from 19b.** *Select multiple. Maximum 3*

☐ [village 1]

...

☐ [village N]

☐ Other

d. **(if other)** Which other VILLAGES (not already mentioned)?

20. **(if other)** Please describe this other location where the business has operated in the last 30 days.

21. **(if multiple locations)** Which do you consider your primary / main location? **Select one**

- ☐ Homestead
- ☐ This village, outside the homestead
- ☐ Another village in Chiradzulu **(Filtered from 19c)**
- ☐ In a market center in Chiradzulu **(Filtered from 18b)**
- ☐ Outside Chiradzulu
- ☐ Other: _____
- ☐ Refuse to answer
- ☐ Don't know

22. **(if not ONLY transport)** At its primary location, what structure is this enterprise operating from? *If the enterprise was not operational in the last 30 days, please put the structure it operated from in its last month of operation.*

- ☐ Own building
- ☐ Shared building
- ☐ Market stall / structure
- ☐ Oxcart / trailer / truck / other moving stall
- ☐ Table
- ☐ On the floor
- ☐ mobile vendor / walking around
- ☐ Other: _____

23. Are members of your household currently still running this enterprise/activity?
(1=Yes, currently running, 2=No, no longer running)|☐|

24. **(if 23=No)** When did this enterprise close? |☐|☐| / |☐|☐|☐|

25. **(if 23=No)** Was this closure permanent?

- ☐ Yes, permanent
- ☐ No, intend to re-open
- ☐ Don't know
- ☐ Refuse to answer

CONTINUE ONLY IF THIS ENTERPRISE IS AT THE HOMESTEAD (primary location)

26. **(If owner/employee/paid family)** What is the ownership structure of this enterprise?
Note: an enterprise has a Single Owner if all of its assets are owned by one individual person. If more than one person has a claim to the enterprise's assets (such as the original owner plus their spouse), it is considered Joint Ownership. If an enterprise is owned by everyone involved with or working for it, it is considered a Cooperative.

- ☐ Single Owner
- ☐ Joint Ownership
- ☐ Cooperative
- ☐ Other: _____

a. **(if joint ownership/cooperative)** Other than the primary owner, how many other owners does this enterprise have? |☐|

27. Which phone number can we use to reach the owner of the business?

- ☐ [hh number 1]
- ☐ [hh number 2]

...

☐ Other phone number

a. **(if other)** Please give me that number.

b. (if other phone number) Write name of the owner of the phone.

28. Do you know when this business first started operating?

☐ Yes / no / don't know / refuse to answer

29. **(if yes)** When did this business first begin operating? *Hint: If the respondent is unsure, ask them to estimate. If they really do not know, adjust their response to the previous question.*

/ month / year

30. **In the past 12 months**, for what months was this enterprise operational for at least 1 day? Select all that apply.

☐ All of the last 12 months

☐ Jan

☐ Feb

☐ Mar

☐ Apr

☐ May

☐ Jun

☐ Jul

☐ Aug

☐ Sep

☐ Oct

☐ Nov

☐ Dec

31. **(if 23 = yes: enterprise is still operational)** a. How many DAYS was this enterprise/activity open for customers in the last 7 days?

b. **(if a>0)** On those days when the enterprise was open in the last 7 days, how many hours was the enterprise usually open per day?

32. **(if 23 = yes: enterprise is still operational) READ:** Revenue is your total sales. That is, all the money that you have received from any customers.

Include all sales of all products and services that you provide.

I am now going to ask you questions about this business' revenue / total sales. Can you answer two short questions about its revenues?

☐ Yes / no / don't know / refuse to answer

33. **(If no)** This question is really important. If the respondent doesn't want to answer, attempt these strategies: 1) If they don't know, please try to help the respondent estimate. Ask about revenue on a typical day, and how many days they were open over the period. 2) If they refuse, remind them we will not share this data with anyone.

34. **(If yes)** What was the total **revenue/earnings** of this enterprise over the ... *[hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response. Enter -88 for refuse to answer and -99 for don't know]*

a. **Last 7 days?** MWK

b. **In the last 30 days?** MWK

35. **(if 23 = yes: enterprise is still operational) READ:** Profits are your total sales after paying all expenses including purchases of supplies and materials, the wages of employees, rent, and any other business expenses. It's what's left over as income for the owner(s) at the end of the day.

Profits have to be lower or equal to sales, and can be negative if you made losses.

Subtract all costs, including materials and supplies, wages, rent, security, taxes and fees, etc. If you sell produce from your own farm or cooperative, subtract these costs by estimating what you would have paid if you purchased these goods wholesale.

I am now going to ask you questions about this business' profits. Can you answer two short questions about its profits?

☐ Yes / no / don't know / refuse to answer

36. **(If no)** This question is really important. If the respondent doesn't want to answer, attempt these strategies: 1) If they don't know, please try to help the respondent estimate. Ask about revenue on a typical day, and how many days they were open over the period. 2) If they refuse, remind them we will not share this data with anyone.

37. What was the total **profit** of this enterprise over the ... [hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response. Enter -88 for refuse to answer and -99 for don't know]

- a. **Last 7 days?** ☐ MWK
- b. **In the last 30 days?** ☐ MWK

38. **(if 23 = yes: enterprise is still operational)** How many paid employees worked in this enterprise in the last 30 days? *Do not include owner or co-owner(s).* ☐

39. **(if 23 = yes: enterprise is still operational)** How many volunteers / unpaid workers currently work in this enterprise, including other household members? *Volunteers are unpaid employees.* ☐

}

Conclusion

1. Do you know any other enterprises in the neighborhood? Can you tell me about them?

Enumerator note: Please note down the details of the enterprises that you were not already aware of. In particular, note information that will be useful for finding them: enterprise location, owner name, enterprise type, enterprise name, and phone numbers to contact the owner.

MAKE SURE YOU CENSUS THESE ENTERPRISES! If the enterprise is operated from the household, these should be captured in the household census. If they operate from outside the household, they should be captured in the stand alone enterprise census.

2. In case we would like to interview you again tomorrow, where will we find you?

☐ At my house

☐ In the village

☐ Outside, where: _____

(If any phone number captured): Read the DATA LINKAGE REQUEST

Data Linkage

As part of the study, we would like to link your survey responses to you and your household members' mobile phone data records from Malawi's mobile network operators, including Airtel and TNM.

If you give your consent, we will link mobile phone data records for all household members that use a phone. These mobile phone data records will contain information on the date, time, and location of each call and text that you place, and each call and text that you receive. They also contain information about how much mobile data and mobile money you use. They do not contain any information about the content of your calls, text messages, or mobile money payments.

This information will be used for research purposes only. If you do not give your consent to mobile phone data linkage, we would still like you to participate in this survey.

Do you consent to our research team linking your survey responses to mobile phone data records provided by Airtel and TNM?

3. Do you consent to having your mobile phone data linked? Yes/No/DK/Refuse to answer

☐ Yes

☐ No

☐ Refuse to answer

☐ Don't know

4. Thank you for your time. We may contact you again in the future. Before we leave, we will take a photo of your house and capture your GPS location. *Questions for the*

respondent are now concluded. There are two additional questions, please complete these without consulting the respondent.

5. As you leave, record the GPS at the doorstep of the house.
6. Take a picture of the house, but ensure that there are no identifiable people in the picture.
7. How reliable do you think the information in this survey is?
|___| (1= Very reliable, 2=Somewhat reliable, 3= Not at all)
8. Please share any challenges you faced in censusing this household, including any issues in identifying which household the village falls under as well as any other comments you have _____

Chiradzulu Baseline Household SURVEY

Phase II

Section 1 - Survey Information and Informed Consent

Greetings! You are about to begin the Chiradzulu Baseline Household Survey. Please fill in the following questions before engaging the respondent.

1. a. FO Name: _____
2. Where are you conducting this survey?
 - a. TA: _____
 - b. GVH: _____
 - c. Village: _____
3. Household ID: _____

CAPI: The target respondent for this household is [primary male name] / [primary female name]. Please make sure that you try to find the target respondent within reasonable time. If you cannot find them, you may also arrange to come back later, or reschedule for tomorrow.

4. Are you at the right house? Click here for a photo of the house - Y/N
5. Were you able to track this household?
☐ Yes, located the household and reached a respondent **Skip to question 6**
☐ Yes, but the household is unavailable temporarily **Continue to a.**
☐ No, this is the 2nd time I am trying to reach this household, on the last day of the census, and I could not reach them **Continue to b**

a. Appointment for temporarily unavailable: Ask if the household will be here tomorrow; please ask the respondent when the household is available and schedule a tentative appointment. Then call your team lead (or other senior team member) to confirm this day and time. Record this information and the current time on the tracking sheet now. **End the interview.**

b. WARNING: CLICKING YES WILL MEAN THIS HOUSEHOLD REMAINS UNTRACKED. Are you sure that you cannot find anyone in the household, and you cannot reschedule? ☐ Yes / No

(if yes) End the interview.

(if no) Please go back and try to set up an appointment.

6. a. What type of respondent are you speaking with?
☐ (1=Target Respondent, 2=Alternative Respondent)

If TR, skip to question 9. If AR, continue.

b. Is this your second visit to this household? ☐ Yes / No

(if Yes) [DISPLAY FOR AT LEAST 10 seconds] WARNING. You are not speaking to the target respondent. Please make sure that you really cannot find the target respondent within a reasonable amount of time. Only continue with the interview if you cannot find the target respondent. If you can find the household head, go back. Only if this is the second in-person visit to the household, and you cannot find the household head may you **CONTINUE.**

(if No) You are NOT speaking to the target respondent. If this is your FIRST visit to the household, you MAY NOT CONTINUE WITHOUT THE TARGET RESPONDENT. Go find the target respondent, or add the household to the tracking sheet for MOP-UP on day 3. Inform your team lead.

c. Why is the target respondent not available? ☐ Use target codes.

- ☐ Travelling for sometime
- ☐ Lives/works in another town
- ☐ Out temporarily
- ☐ Too sick to be interviewed/mentally ill
- ☐ Too busy to be interviewed
- ☐ Deceased
- ☐ Target Respondent has joined another household
- ☐ Other (specify)_____.

d. What is the respondent's relationship to the Target Respondent? ☐ Use g4 codes.

- ☐ Self
- ☐ Spouse
- ☐ Former Spouse/Partner
- ☐ Parent
- ☐ Child
- ☐ Sibling
- ☐ Grandparent
- ☐ Grandchild
- ☐ Uncle/Aunt
- ☐ Niece/Nephew
- ☐ Cousin
- ☐ Other Relative
- ☐ Current Neighbor
- ☐ Previous Neighbor
- ☐ Friend from School
- ☐ Friend from Work
- ☐ Friend from Church/Mosque/Religious Community
- ☐ Friend from Community Group
- ☐ Other friend
- ☐ Current Co-worker
- ☐ Former Co-worker
- ☐ Other

7. Date of interview: (DD/MM/YYYY) / /

8. Time start interview: (24 hr clock) |__| |__| : |__| |__|

9. a. **Do not read:** Where is this interview being conducted? |__|

If you are interviewing an FR who works as live-in house help or a live-in guard and you are at their place of work, please select place of work and not current residence. If you are interviewing them at their home (not the home they work in), select appropriate home.

1 = At current residence (may also be biological or marital home)

2 = At the workplace

4 = Elsewhere (specify) _____

b. **[AUTOMATIC IN CAPI] PLEASE TAKE GPS AT THE DOORSTEP OF THE MAIN BUILDING.**

10. a. Is the interview being conducted with the interviewee alone? (1=Yes, 2=No) |__|

b. It is ok if other household members are around for the first several sections of this survey. In fact, it is preferable to get information from the most knowledgeable person (e.g. the person running a business, or the person purchasing food for consumption). The exception to this is Section 14, where the respondent should be alone. However, politely ask any NON-household members to leave, saying that you need to interview the FR and their household members alone. Stress that the interview is private and confidential.

11. Please Re-enter the household ID:

CAPI: Warning, the household ID does not match with the one you entered previously. Please go back and double-check.

Informed Consent: Read consent script to the respondent.

CONSENT TO PARTICIPATE IN RESEARCH

Key Information

You are being invited to participate in a research study. Participation is completely voluntary.

The purpose of this study is to understand the wellbeing and livelihoods of households in Malawi.

This questionnaire is expected to take about 1 to 1.5 hours.

Risks and/or discomforts may include the risk of breach of confidentiality. This is very unlikely.

We may ask questions about challenging topics, but you can always choose not to answer any question.

There is no direct benefit to you, but this study may benefit communities like yours by us better understanding their livelihoods.

Hello, I am [name] from IDInsight Research Consulting Firm. We are conducting a household listing in this village for a study on livelihoods in Malawi.

If you agree, we will collect information about your household, which will take approximately 1.5 hours. This information may be used to contact you for future surveys as part of the study.

There is no direct benefit to you, but the study aims to help researchers understand household livelihoods in Malawi and how they change over time. Participation involves minimal risk and you can opt out of the survey at any time. Some questions will ask about challenging topics, and you can always choose not to answer any question.

You will not be paid monetarily for taking part in this study.

A full consent form with more information about the study is available on request.

If you have any questions or concerns about this study, you may contact Innocent Amos at +265 882 895921 | innocent.amos@idinsight.org or Mtise Mwanza at +260 763 457815 | mtise.mwanza@idinsight.org

12. Do you consent to take part in this research? ☐ (1=Yes, 2=No)
13. Do you consent to random short audio-recordings for data quality checks? These will be deleted immediately after, and are serving for data quality purposes only. This is not required for you to take part in this research.. ☐ Yes / No
CONTINUE WHETHER YES OR NO. NOT REQUIRED.
14. **Do not ask the following question. Simply record your impressions.** Is the respondent able to proceed with the survey? (1=Yes-FR agrees to participate; 2=No-FR refuses to participate; 3=No-FR does not refuse but is unable to participate) ☐

If YES, skip to 'SECTION 2'. If NO, continue.

a. Describe your impressions of the refusal / inability to participate. Do not ask. ☐

- 1 = Wants to reschedule (**skip to "Rescheduling instructions" below**)
 2 = FR refusal for this round only (**skip to question b**)
 3 = FR refusal for this round and any future rounds (**skip to question c**)
 4 = Unable to survey – refusal by someone other than FR (**skip to question d**)
 5 = Unable to survey—other

Rescheduling instructions: Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now. End the interview.

b. **Record your impressions of why the FR refuses to participate during this survey round. If you feel comfortable doing so, you may ask the FR "Why don't you want to participate?" Choose up to 3 reasons. If someone else is refusing on behalf of the FR, return to question a and mark "4".**

- 1 = Survey is too long
 3 = FR has caregiving duties
 4 = FR has to work
 5 = FR does not want to disclose personal information
 6 = FR is suspicious of [SURVEY FIRM]
 7 = FR hasn't received (further) assistance from [SURVEY FIRM] and doesn't want to participate because of that
 8 = FR just doesn't want to / no reason given
 10 = other (specify)
 -99 = FO DK / can't determine

☐/☐/☐ Other: _____

Skip to "Closing Interview Statement".

am

c. **Record your impressions of why the FR refuses to participate during this round and any future rounds. If you feel comfortable doing so, you may ask the FR "Why don't you want to participate?" Choose up to 3 reasons. If someone else is refusing on**

behalf of the FR, return to question a and mark “4”

- 1 = FR has been interviewed before, and is tired of [SURVEY FIRM] coming to visit
- 2 = FR is not interested in the project/research
- 3 = FR does not want to disclose personal information
- 4 = FR is suspicious of [SURVEY FIRM]
- 5 = FR hasn't received (further) assistance from [SURVEY FIRM] and doesn't want to participate because of that
- 6 = FR just doesn't want to / no reason given
- 10 = other (specify)
- 99 = FO DK / can't determine

|_|_|/|_|_|/|_|_| Other: _____

Skip to “Closing Interview Statement”.

d. *What is the relationship of this person to the FR?* **Use G4 codes.** |_|_|

- 1. Self
- 2. Spouse
- 3. Former Spouse
- 4. Parent
- 5. Child
- 6. Sibling
- 7. Grandparent
- 8. Grandchild
- 9. Uncle/Aunt
- 10. Niece/Nephew
- 11. Cousin
- 12. Other Relative
- 13. Current Neighbor
- 14. Previous Neighbor
- 15. Friend From School
- 16. Friend From Work
- 17. Friend From Church/Mosque/Religious Community
- 18. Friend From Community Group
- 19. Other Friend
- 20. Current Co-Worker
- 21. Former Co-Worker
- 99. Other

e. *Why is this person refusing on behalf of the FR? If you feel comfortable doing so, you may ask the person “Why don't you want this person to participate?”*

Closing Interview Statement. Read: Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the Zerihun Associates office. ***End interview here.***

Section 2 - Confirming Identity

1. What is your current full name? Please spell it for me.
1. What is your current full name? Please spell it for me.

FO: Ensure you get the correct spelling of the FR's name.

Note. If possible, read this directly off the ID.

| | / | | / | |
(First name) (Middle/Second Name) (Last Name)

Respondent common name: |

a. **(if FR = TR) Do not ask the following question. Simply record your impressions.**

Does this name match the information on your tracking sheet? *Note: Do not count different spellings or different orderings of the same name as different.* (1=Yes, 2=No) | |

If YES, skip to question 2. If NO, then the FR reported a name different from the one on your tracking sheet. Please probe why the name records differ and enter the reason. Continue after.

2. Do you use any other names, either in your community or for official documents?
(1=Yes, another name for government documents, 2=Yes, a common name/nickname, 3=No) | |

If YES, continue. If NO, skip to NEXT QUESTION.

a. What other name do you go by for official documents? *Probe to get names in the same order as given on official documents.*

| | / | | / | |
(First name) (Middle/Second Name) (Last Name)

b. What is your common name/nickname? |

3. **Do not ask the following question. Simply record your impressions.** What is the respondent's gender? (1=Male, 2=Female) | |

a. **DISPLAY:** You entered: **[MALE / FEMALE]**

Our previous records indicate:

Change your answer accordingly if there is a mistake.

4. What is your date of birth? (DD/MM/YYYY)

| | / | | / | | | |

The date of birth information is very important. Please probe the FR if they claim to not know. Every FR should be able to approximate the year of birth at least. (-99=DK day or month, -9999=DK year)

a. Is this an estimated year of birth? *Note: A response of yes means the respondent is unsure of their year of birth.* (1=Yes, 2=No) | |

b. What is your age now in years? years

If age and date of birth information do not make sense together, please probe further with FR until they agree. Note in the FO Comments if you are unable to make them agree.

5. What is your place of birth?

- a. Country? Other: _____
b. District? Other: _____
d. TA? Other: _____
e. GVH? Other: _____
f. Village? Other: _____

6. What is your tribe? *Note: if respondent is female, we want her tribe, not the tribe of her husband. Use tribe codes.* Other: _____

7. What is your father's name?

/ /

8. What is your mother's name?

/ /

9. What is your marital status? (1=Single, 2=Not married but co-habiting, 3=Married, living with spouse, 4=Married, not living with spouse, 5=Married (polygamous) and living with spouse(s), 6=Married (polygamous) and not living with spouse(s), 7=Divorced, 8=Separated, 9=Widowed)

10. **(if married or cohabitating)** What is your spouse's name?

/ /
(First name) (Middle/Second Name) (Last Name)

11. Are you suspicious that this respondent does not belong to the household on the tracking sheet? (1=Not at all suspicious, 2=A bit suspicious, 3=Moderately suspicious, 4=Very suspicious)

a. **(If 2, 3, or 4)** FO: Why are you suspicious?

If you are somewhat suspicious that we do not have the correct household, consider ending the survey here. Consult with your TL or a Manager.

Section 2.1. Contact Information

Read: Now I would like to obtain your contact information. We want to know the place that you usually sleep, not necessarily your ancestral lands or family home.

1. Is there any phone number that we could use to reach you, even if it is not your own phone? **If YES, continue. If NO, probe the FR for once again. If the FR insists there is no way to reach them by phone (or they do not know any numbers), skip to next**

question.

- a. **If yes:** Please give me that number.
|_| |_| |_| |_| |_| |_| |_| |_| |_| |_|
- b. Whose phone is this? Write name. _____
- c. What is this person's relationship to you? Use G4 codes. |_|_| Other: _____
2. Is there any other phone number that we could use to reach you? For instance, the phone number of your spouse, child, parent, other household members, neighbors, etc.?
|_|_| Yes / No
- a. **If yes:** Please give me that number.
|_| |_| |_| |_| |_| |_| |_| |_| |_| |_|
- b. Whose phone is this? Write name. _____
- c. What is this person's relationship to you? Use G4 codes. |_|_| Other: _____
3. If 1 or 2 = Yes, In the future, we may want to contact you by WhatsApp. Do you have a number we can use to reach you by WhatsApp? (1=Yes, 2=No) |_|_|
- a. **If yes:** Please give me that number.
|_|_| same as above
|_|_| Other: |_|_| |_|_| |_|_| |_|_| |_|_| |_|_| |_|_| |_|_| |_|_|

Section 3 - Roster / Demographics

Section 3.0. Household Roster/Demographics

Read: The first part of this questionnaire is about your **HOUSEHOLD** as a whole. Other household members may help you answer questions in these sections, as these are supposed to cover the entire household.

I would like to find out about all the individuals in your household. By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home. By the individuals in your household, I mean those who eat at least one meal together each day and spend 4 nights or more in an average week sleeping in your home.

1. Currently, how many people in total (including yourself) are in your household, “eat from the same pot” and spend 4 nights or more in an average week sleeping in your home?
PROMPT CAREFULLY TO MAKE SURE WE CAPTURE ALL HOUSEHOLD MEMBERS. If the FR is live-in house help or a live-in guard and has a spouse or adult dependent(s) staying with them at the employer’s house, only include these spouse/dependent(s) on the household roster (do not count their employer or the employer’s family as part of the FR’s household).
2. Are you the head of household? (1=Yes, 2=No)

If household has preloads from census, continue. Otherwise, skip to question 4.

3. I am first going to confirm the individuals we discussed when we last visited.
REPEAT Q3a - Q3e for each preload member.
 - a. Is this person currently a member of your household? (1=Yes, 2=No)
 - b. Name: [default value taken from preload, editable]
 - c. Gender: [default value taken from preload, editable]
 - d. Age in years: [default value taken from preload, editable]
 - e. Age in months:

If [SUM of Q2a] > [Q1]: WARNING! You stated that there are [Q1] members of your household, but you confirmed that [SUM of Q2a] individuals are still members of your household. Please correct.

If [SUM of Q3a] < [Q1]: Proceed to question 3.

If [SUM of Q3a] = [Q1]: Skip to question 5.

4. I will now ask some basic details about each of the [Q1 - SUM of Q2a] other household members we have not yet discussed.
REPEAT question
 - a. Name:
 - b. Gender:
 - c. Age in years:
 - d. Age in month:

Skip to question 5.

5. I will now ask some basic details about each of the [Q1] household members. Please start with the oldest household member and go oldest to youngest.
 - a. Name:
 - b. Gender:
 - c. Age in years:
 - d. Age in months:
6. I will read the names of all [Q1] household members we discussed. Please confirm we have included ALL current household members. ☐ (1=Yes, 2=No)
[Names of all household members]

If no: WARNING! We have not captured all household members. Return to [Q1] to correct.

7. DO NOT READ

Enumerator: Which of the following household members if the FR [NAME from Section 2 Question 1].

Read: I will now ask further details about the individuals that are currently members of your household.

REPEAT question 6 - question 17 for each current household member.

8. What is [NAME]'s relationship to the household head? ☐ Use g4 codes.
9. What is the highest level of education completed by [NAME]? *For those still in school, this is not the current year. Prompt to estimate if unsure.* ☐
10. Is [NAME] currently enrolled in school or education (including apprenticeships, vocational training, etc.)? *Include apprenticeships, vocational training, adult education, diplomas, etc.* ☐ (1=Yes, 2=No)
If no, continue. Otherwise, skip to question 14.
11. *(if 10= No & age < 18 years)* Why is [NAME] currently not enrolled in school? ☐
Skip to question
12. *(if 10 = yes)* What type of school is [NAME] enrolled in currently, including apprenticeships, vocational training, etc.?
13. *(if vocational, apprenticeship, etc.)* In what course(s)/discipline(s) was this training? ☐
14. *(if 10 = yes and HH mem is in school)* Of the last five days school was in session, how many days did [NAME] attend? ☐
15. *(if in school)* In the last 12 months, how many days in total did this child miss after being sent home for not paying school fees? ☐
16. *(if age > 4 years)* Can [NAME] read and write? ☐ (1=Yes, 2=No)

17. (if age > 4 years) Can [NAME] perform simple arithmetic? (1=Yes, 2=No)

18. What is [NAME]'s primary occupation?

a. (if small business owner) What is the primary sector of this business? [\[Not in P1\]](#)

b. (if small business owner) What is the primary enterprise category of this business? [\[Not in P1\]](#)

19. During the past 30 days, how many days of work or housework or school did [NAME] miss due to poor health? (0=None, -98=N/A)

List of highest level of education completed [list of options]

0 Never Attended (Cannot Write And Read)

1 Standard 1

2 Standard 2

3 Standard 3

4 Standard 4

5 Standard 5

6 Standard 6

7 Standard 7

8 Standard 8

9 Form 1

10 Form 2

11 Form 3

12 Form 4

13 Post-secondary school certificate

14 Post-secondary school Diploma

15 Informal Training

16 College (non-University)

17 University

18 Vocational training / apprenticeship

-88 Refused

-77 Other, specify

Why is [NAME] currently not enrolled in school [list of options]

1 Too young to attend school

2 Poor quality of schools

3 There is no nearby school [distance and infrastructure]

4 Lack of awareness

5 Health issue

6 Child has to work/help out at home

7 Child not interested in school

8 Can't afford school expenses, including school fees, uniform, soap, or lunch

- 9 cultural beliefs
- 10 discrimination
- 11 School is closed
- 12 Security issue [conflict and displacement]
- 99 other: _____

In what course(s)/discipline(s) was this training?

- 1 Bicycle repairing
- 2 Bricklaying
- 3 Carpentry joinery
- 4 Computer repairing
- 5 Electrical installation
- 6 Hairdressing (Including salon and barbershop)
- 7 Home remodeling and repairing
- 8 Metalsmith
- 9 Mobile phone repairing
- 10 Motor vehicle mechanics
- 11 Motorcycle or small engine repair
- 12 Panel beating / Spray painting.
- 13 Photography
- 14 Plumbing
- 15 Shoe repairing
- 16 Tailoring
- 17 Website designing/graphic design
- 18 Welding and fabrication
- 19 Weaving
- 20 Early childhood education
- 21 Agriculture and Agribusiness
- 22 Veterinary Assisting
- 77 Other, specify: _____

Section 3.1. Household Birth History and Maternal Care

(Do not read) What is the gender of the person you are currently talking to? - Male/Female

Now, we are going to ask you some additional information on the following female members of the household: **[Female names > 12]**.

Note: Ideally, we will want to speak to the women themselves if they are present. If not, we may want to speak to the female household head for better information.

CTO DISPLAY: As a reminder, here are all the children in the roster which are < 3 years old:

- Child 1: [name]
- Child 2: [name]
- Child 3: [name]

Note, this can help with prompting. But there may of course be children born that are no longer part of the household as well, and vice-versa.

1. Now, loop through each of these women {

a. Preload: We now would like to speak about [FEMALE NAME 1/2/3 > 10 years]

b. Is [mother name] currently available to answer some questions about herself? ☐ (1=Yes, 2=No)
If yes, proceed with speaking to [name] and skip to question Q2d. If no, continue.

(IF NO) What is the relationship of the person providing information on [mother name]? ☐ Use G4 codes.

c. Is [mother name] currently pregnant? ☐ Yes / No

d. **(if yes)** When does [mother name] expect to give birth? MM YYYY

e. In the **last three years** since January 2023, did [mother name] ever give birth? ☐ (1=Yes, 2=No, -99=DK) Read: *Please consider all births, including stillbirths and neonatal deaths in 2023, 2024 or 2025. A stillbirth is any baby born dead after 28 weeks of pregnancy. A neonatal death is any baby who died between 0-28 days after birth. Do not include miscarriages*

or abortions.

If yes, continue. If no, skip to next individual.

- f. In the **last three years** since January 2023, how many times has [mother name] given birth? Read: *Please consider all births, including stillbirths and neonatal deaths in 2023, 2024 or 2025. A still birth is any baby born dead after 28 weeks of pregnancy. A neonatal death is any baby who died between 0-27 days after birth. Do NOT include miscarriages or abortions. Count twins/triplets/quadruplets as separate births. If the respondent is not sure about the total births, include the ones the respondent knows about.*

You indicated that [mother name] gave birth [sum of Q1f] times in total since 2023. I will now ask a few questions about each of these births.

g. **Loop through births {**

- i. Think about the #th birth. What name was given to this child??
- ii. *(Do not read)* Does #th name appear on the household roster below?
 Not on roster
 [roster child 1]
 ...
 [roster child 2]

If appears on roster, SKIP to iv. else continue.

- iii. Is [child name] still alive? (1=Yes, 2=No)

If yes, SKIP to e, else continue.

- iv. **Read:** I am sorry for the loss. I understand this may be painful to talk about, How old was [child name] when they passed away?
 during childbirth

☐ within 1 month after childbirth

☐ years ☐ months

- v. **(if alive, and not part of the household)** Why is [child name] no longer part of the household?

☐ moved away

☐ other: _____

- vi. Is/was [child name] a male or female? ☐ (1=Male, 2=Female)

- vii. In what month and year was [child name] born? *The date of birth information is very important. Please probe the FR if they claim to not know. Every FR should be able to approximate the year of birth at least. (-99=DK, -88=Refuse to answer)*

|

MM/YYYY

- viii. **Questions on antenatal care**

Did [mother name] receive antenatal care while pregnant with [child name]? *Antenatal care is the care provided by skilled health-care professionals to pregnant women and adolescent girls in order to ensure the best health conditions for both mother and baby during pregnancy. This includes risk identification; prevention and management of pregnancy-related or concurrent diseases; and health education and health promotion.* ☐ (1=Yes, 2=No)
If yes, continue.

1. How many antenatal visits did [mother name] complete while pregnant with [child name]? ☐

2. What type of facility did [mother name] get antenatal care at?

(1= Govt hospital / health center / dispensary,

2= CHAM/Mission hospital / health center / dispensary,

3= Private hospital / clinic,

4= Traditional birth attendant,

5= Other (specify)

99= DK)

3. Where was the facility?

☐ home visit at this homestead

☐ this village

☐ Other village/town

4. **(if other)** Where?

☐ District

☐ TA

☐ GVH

5. At which of these facilities **(CAPI: TA FILTER)**?

☐

...

☐

Other _____

6. What was the primary mode of transportation that the mother used to reach this facility? *If the mother used multiple modes of transportation, select the one that they most commonly used.*

☐ Walking

☐ Kabaza/Bicycle taxi

☐ Tricycle

☐ Minibus

☐ Private motorcycle

☐ Private automobile

☐ Ambulance

☐ Own bicycle

☐ Own car

☐ Other (specify)

7. How many minutes did it take to reach the facility? *If visited multiple times, enter the average time.*

8. What was the total cost of antenatal care for this pregnancy you paid out of the pocket, including drugs bought, registration fee, lab tests, all payments to staff and other personnel (midwife), transportation, etc.? You may include money received from others to pay for this. MWK

ix. **Questions on delivery**

Did *[mother name]* give birth to *[child name]* in a health facility, as opposed to at home?

☐ Yes, same clinic/place as antenatal care

☐ Yes, but at another place/clinic

☐ No

If 'Yes, but at another place/clinic', *continue*. Otherwise *SKIP to 7*.

1. What type of facility did *[mother name]* give birth at?

(1= Govt hospital / health center / dispensary,

2= CHAM/Mission hospital / health center / dispensary,

3= Private hospital / clinic,

4= Traditional birth attendant,

5= Other (specify)

99= DK)

2. **[Not in P1] (if outside home)** Where was the facility?

☐ *home visit at this homestead*

☐ *this village*

☐ *Other village/town*

3. **[Not in P1] (if other)** Where?

☐ *District*

☐ *TA*

☐ *GVH*

4. **[Not in P1]** At which of these facilities (**CAPI: TA FILTER**)?

☐

...

☐ |

Other _____

5. What was the primary mode of transportation that the mother used to reach this facility?

If the mother used multiple modes of transportation, select the one that they most commonly used.

☐ | Walking

☐ | Kabaza/Bicycle taxi

☐ | Tuk tuk

☐ | Minibus

☐ | Private motorcycle

☐ | Private automobile

☐ | Ambulance

☐ | Own bicycle

☐ | Own car

☐ | Other (specify)

6. How many minutes did it take to reach the facility? *If visited multiple times, enter the average time.*

7. Did *[mother name]* give birth to *[child name]* via Caesarean section (C-section), that is, did they cut the belly open to take the baby out? ☐ | (1=Yes, 2=No)

8. Were there any complications during pregnancy or birth? ☐ | (1=Yes, 2=No)

9. **(if any complications)** Describe the complications experienced:

10. For how long were *[mother name]* and *[child name]* present at the hospital/clinic after the birth? ☐ | days ☐ | hours

11. What was the total cost of *[child name]*'s delivery, including cost of delivery, delivery kit, and all payments to staff and other personnel, and transportation? Do not include insurance payments. You may include money

received from others to pay for this. ☐ MWK

x. **Questions about postnatal care**

Did *[mother name]* receive postnatal care after giving birth to *[child name]*?

☐ Yes, by home visit

☐ Yes, same clinic/place as antenatal care

☐ Yes, same clinic/place as birth

☐ Yes, but at another place/clinic

☐ No

If 'Yes, but at another place/clinic', continue. Otherwise SKIP to 7.

1. What type of facility did *[mother name]* give birth at?

(1= Govt hospital / health center / dispensary,

2= CHAM/Mission hospital / health center / dispensary,

3= Private hospital / clinic,

4= Traditional birth attendant,

-77= Other (specify)

99= DK)

2. [\[Not in P1\]](#) (if outside home) Where was the facility?

☐ Home visit at this homestead

☐ This village: \${survey_village_name}

☐ Other village/town in Chiradzulu

☐ Outside Chiradzulu

☐ Don't know

☐ Refuse to answer

3. [\[Not in P1\]](#) (if other village/town) Where?

☐ District

☐ TA

☐ GVH

4. [Not in P1] If it appears below, select the health facility's name, otherwise select other.

☐

...

☐

Other _____

5. What was the primary mode of transportation that the mother used to reach this facility?

If the mother used multiple modes of transportation, select the one that they most commonly used.

☐ Walking

☐ Kabaza/Bicycle taxi

☐ Tuk tuk

☐ Minibus

☐ Private motorcycle

☐ Private automobile

☐ Ambulance

☐ Own bicycle

☐ Own car

☐ Other (specify)

6. How many minutes did it take to reach the facility? *If visited multiple times, enter the average time.*

7. What was the total cost of postnatal care for [child name] you paid out of pocket, including drugs bought, registration fees, lab tests, all payments to staff and other personnel (midwife), etc.? ☐ MWK *You may include money received from others to pay for this. Do not include insurance payments. Do not include costs of transportation?*

} END OF BIRTH LOOP, SKIP TO NEXT BIRTH

} END OF MOTHERS LOOP, SKIP TO NEXT MOTHER

2. [different formulation from P1] (if FR is female) In the **last three years** since January 2023, have you personally had a pregnancy that ended before giving birth? ☐ (1=Yes, 2=No) *Please consider all pregnancies that ended in miscarriage or*

abortion in 2023, 2024 or 2025. Do not include stillbirths or neonatal deaths. By miscarriage, we mean births that ended before 28 weeks / 7 months of pregnancy, and by abortion, we mean the deliberate termination of a pregnancy before 28 weeks / 7 months of pregnancy.

- a. **(if yes)** How many pregnancies have you/she/they had since January 2023 that did not end in birth? *Note, here we want to get miscarriages, abortions, or terminations of pregnancies for other reasons.*

REPEAT for each pregnancy {

i. How did this pregnancy end? (1=Miscarriage, 2=Abortion, -99=Don't know, -88=Refuse to answer)

ii. In what week/month of the pregnancy did the pregnancy end? (1=Week, 2=Month)|

}

Section 4 - Dwelling Characteristics and Assets

Section 4.0 Dwelling Characteristics

Read: Now I'd like to ask you some questions about your home and household. Think of your current residence, the building you eat and sleep in.

1. How long has this household been living in this dwelling? /
mm yyyy
2. On what basis does the household occupy this dwelling?
☐ Owned
☐ Rented
 - a. **(IF OWNED)** If you wanted to rent out your house to someone outside of your household/family, how much could you charge for rent each month for this house
 (MWK)
 - b. **(if RENTED)** How much in MWK does your household pay for rent each month for this house? Amount (-99=DK):
3. How many separate rooms do you have in your dwelling? **Include those separated by sheets, include bathrooms, and kitchens. Do not include detached store rooms or toilet rooms.**
4. Does your household occupy the entire dwelling? (1=Yes, 2=No)
If NO, continue. If YES, skip to question 5.
 - a. How many rooms of the dwelling does your household occupy? **(Include shared space, such as living room)**

If Q4 was NO, read: Now, answer the following questions thinking specifically of the portion that you occupy, and not the parts of the home you do not reside in.

If you are conducting this interview at the respondent's home, do not ask the following question on housing materials. Simply observe and record your observations in the following questions. If you are conducting this interview elsewhere, please ask the respondent the following questions and prompt with the below.

5. a. Of what material is the roof predominantly made? **DO NOT READ.**

1=Iron / tin,	5=Cement / concrete
2=Grass thatch	6=Palm leaves
3=Plastic sheets	7 = grass thatch on plastic sheets
4=Mud, branches	10=Tiles
11=Unfinished / incomplete roof	12 = wood planks
13 = Cardboard	-77 = Other, describe:
- b. Of what material are the floors predominantly made? **DO NOT READ.**
(1=Cement, 2=Mud, 3=Part mud, part cement, 4=Tiles, 5 = Parquet or polished wood , -77

= Other(specify))

c. Of what material are the walls predominantly made? **DO NOT READ.** ☐ (1=Iron, 2=Mud, 3=Cement, 4=Cement/mud mixed, 5=burnt brick 6 = unburnt brick 7 = cane/palm/trunks 8=wood, 9 = cardboard, 10 = stone with lime, 11= cement blocks, 12- Mixture of burnt and unburnt bricks, -77 = Other(specify))

6. Do you have a latrine in your household?

☐ Yes in the house

☐ Yes one for just the household but separate from the house

☐ Yes, shared with one or more neighbors

☐ No

7. Does your household have electricity? *Prompt: Electricity means having the means to have light at night. Select multiple.*

☐ No

☐ Yes, from a generator

☐ Yes, from a solar panel

☐ Yes, connected to the grid

☐ Yes, other: _____

☐ Don't know

8. What was your main water source in the last 7 days? (1=Pipe, 2=Well (gather), 3=Protected spring, 4=Unprotected spring, 5=Collected rainwater, 6=Lake/pond/dam, 7=River/stream, 8=Borehole well, 10 = Tanker truck, 11 = bottled water -77=Other) ☐
Other: _____

9. [Not in P1] What was the main source of cooking fuel? *Select all that apply.* ☐ (1 = charcoal, 2 = LPG, 3 = firewood, 4 = electric stove, 5 = other: _____)

Section 4.1 Household Assets

1. How much land does your household own or hold use rights for? *Include all residential land (including where your dwelling is built, as well as all agricultural land, and all land with commercial or residential purposes. Include all the land sharecropped or rented OUT for any purpose TO people outside the household in the last 12 months. DO NOT INCLUDE LAND THAT IS RENTED / SHARECROPPED IN FROM OTHER PARTIES.*

An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field. If the respondent would like to respond in another unit (such as hectares or metres squared), tick 'answer not in acres'.

☐ Acres

☐ Answer not in acres

i. (If not in acres-99)

Hectares
 m²

IF ANY, CONTINUE. OTHERWISE, SKIP TO QUESTION 3.

2. Now think of all the land that you own – or hold the use rights for. How much of the [QUANTITY][UNIT] of land could be used for agriculture, even if it is not currently being used for agriculture? *DO NOT INCLUDE LAND THAT IS RENTED / SHARECROPPED IN FROM OTHER PARTIES. Please help the respondent to estimate if they are unsure. An acre is around the size of a football field.*

Land Size

Acres
 Answer not in acres

i. (If not in acres-99)

Hectares
 m²

Read: Next, I am going to ask you about household items that your household owns.

		3.	4.	5.	6.	7.	8.
Assets	COD E	Has your household owned {item} in the past 12 months? If no, skip to the next item	Number of {item/s} owned at present [<i>If zero, then go back and edit previous answer</i>]	If > 0: Thinking about all of the [item]s you own together, how much could you sell these for now in total? Total current value in MWK (* in the current state the item is in, not replacement value of a new item.) That	[Not in P1] When did you purchase or receive the last [item]? <i>The last item is the most recent/newest of the [item] you have. It could have been bought or received as a gift.</i>	[Not in P1] What was the price of the last [item] you purchased ? <i>Enter -55 if the item was received as a gift (not purchased).</i>	[Not in P1] How much could you sell this [item] for now? Total current value in MWK (* in the current state the item is in, not replacement value of a new item.) That is, if someone were to buy

				is, if someone were to buy these in the same condition, how much would he pay in TOTAL? Enumerator : please make sure that items are usable/not broken and help respondent to adjust value estimate downwards if broken			the [item] in the same condition, how much would he pay in TOTAL?
Consumer durables							
Mat / Mphasa	10						
Bed frame	11						
Mattress	12						
Blankets	13						
Wardrobe, chest, trunk, etc. (e.g. for storing clothes)	14						
Table	15						
Chair or stool	16						
Sofa, armchair	17						
Cabinet / cupboard with household goods, kitchen goods, food, etc.	18						

A kerosene or electric stove or an improved charcoal/wood stove	21						
Grain mill, stone mill	22						
Kitchen equipment (cooking pots, bowls, glassware, plates, cutlery, etc.)	23						
Iron (for pressing clothes), electric or otherwise	31						
Refrigerator	32						
Kerosene, paraffin or other type of lantern	33						
Lamps/torches	34						
Clocks / watches	35						
Television	36						
Radio / cassette player / CD player/ Music player/Speakers	37						
Smart phone	38						
Mobile phone (not smart phone)							
Computer/tablet	40						
Generator	41						
Car Battery	42						
Solar panel or solar lantern	43						
Bicycle	51						

Motorized vehicles (2 or 4 wheels) like motorcycle, car, truck etc.	52						
Gold or gold jewellery	61		(grams)				
Silver or silver jewellery	62		(grams)				
Water tank (Jerrycan, Bermel, Bucket)	63						
Mortar/pestle (mtondo)	64						
Clothes and shoes	65						
Plastic and wooden buckets, crates etc.	66						
Iron sheets	67						
Bricks/stones	68						
Other building materials like timber, wood, nails, wire etc.	69						
Suitcases	70						
Productive Assets							
Handheld tools (machete, ax, pick axe, spade, shovel, hammer, sickle, hoe, pruning shears)	110						
Plows and complementary tools	111						

(choke, yoke, plow,)							
Pastoral/livestock tools (shearing shears, whip, saddle, straps, etc.)	112						
Water pump (motorized, diesel, hand, foot)	113						
Wheelbarrow	114						
Cart (animal drawn or hand pushed)	115						
Sewing machine	116						
Agricultural tools (watering cane, pest sprayer, winnowing basket etc)	117						

9. Does this household own any other important assets not already mentioned? (1=Yes, 2=No) ☐

If yes, please list these assets.

10. What is the total value of all these OTHER assets that your household owns, and that have not already been mentioned? [Estimated value in MWK]

11. [\[Not in P1\]](#) How much maize do you currently have in storage?

amount

unit

Kilogrammes

Buckets

Plates

Bundles/Heaps

Bags/sacks

Other specify

- a. [Not in P1] (if any) If you were to sell all of the maize you currently have in storage, how much could you sell it for? |_____| MWK

12. [Not in P1] In the past 12 months, have you or any member of your household experienced any of the following events? **DO NOT INCLUDE crop or livestock loss (asked later).** Select all that apply.

- ☐ No, did not experience shock
☐ Natural disasters (e.g. flood, drought)
☐ Conflict or crime (e.g., robbery, violence)
☐ Other significant experiences that led to unexpected large loss/expense

- a. [Not in P1] (if other) What other significant experiences? |_____|

- b. [Not in P1] (if conflict / crime) What kind of conflict or crime? Select all that apply.

- ☐ theft in the homestead
☐ theft outside the homestead (walking, market, etc.)
☐ robbery (violent forceful theft) in the homestead
☐ robbery (violent forceful theft) outside the homestead
☐ fraud / scam via phone
☐ fraud / scam in person
☐ violent assault
☐ sexual assault
☐ arson
☐ vandalism of homestead
☐ vandalism of crops / agriculture
☐ vandalism of business
☐ Other: _____

- c. [Not in P1] (if any in b) Loop through each {

- i. What was the total estimated cost of the damage or loss related to [item] in the last 12 months? |_____| MKW

}

- d. [Not in P1] (if theft / robbery) What kind of goods were stolen? Select all that apply.

- ☐ household items (including roofs, building materials)
☐ food
☐ crops / harvest
☐ livestock
☐ mobile money
☐ cash
☐ jewelery / valuables
☐ Stock/machines of my business
☐ Other: _____

Section 4.2. Savings and Credit

Read: The following questions are about your financial situation, which we want to know for research purposes about living standards in the area.

SAVINGS:

1. Do you or someone in your household have any type of account in a bank or microfinance institution? (1=Yes, 2=No) ☐
- a. What is your household's current balance on all bank accounts combined (savings + checking), approximately? *You may give a rounded / approximate answer if you prefer.* ☐ MWK
2. Do you or someone in your household have a mobile money account ? *Note: Do not list bank accounts already mentioned in the previous question.* (1=Yes, 2=No) ☐
- a. What is your household's current balance on all mobile money accounts combined, approximately? *You may give a rounded / approximate answer if you prefer.* ☐ MWK
3. Do you or someone in your household participate in a community savings group including Village Savings and Loans Associations (VSLA) / SACCO / ROSCA / Merry-go-round? (1=Yes, 2=No) ☐
- a. How many members does your community group have? *(Considering all groups)* ☐
- b. What was your household's savings group contribution in the last 30 days? *(Considering all groups)* ☐ MWK
4. How much do you or members of your household have in savings in total (MWK)? This includes savings in banks, micro-finance institutions, community savings groups (merry-go-rounds) and at home.
☐ MWK
☐ Prefers to answer in a range: MWK: [record "0" if the household doesn't have any saving]
☐ Refuses to answer
5. **[Not in P1] (If any savings in 4): In the last 30 days** did you or members of your households make any major or unusual withdrawal from your savings? ☐ YNDKR
- a. **[Not in P1] (if yes)**, how much did you or members of your household withdraw from your savings in total, considering all bank accounts, money lenders, mobile money, savings groups, etc. ? *Enter 0 if none, -99 if DK, -88 if refuse.*
☐ MWK
- b. **[Not in P1] (if any withdrawal)** What were the main reasons for this withdrawal? *Select all that apply.*
☐ to purchase necessities and food
☐ to deal with a health emergency
☐ to invest in my business
☐ to purchase agricultural inputs
☐ to help a friend / relative / neighbor

- ☐ school fees or education
☐ to deal with another emergency: _____
☐ Other: _____

LOANS

6. Do you or someone in your household currently have any outstanding loans from a commercial bank, commercial lender, or a MFI? (1=Yes, 2=No) ☐
- a. **If yes**, What is the total amount your household currently owes all these commercial lenders combined? MWK
- b. What is the total amount your household made in loan payments to these commercial lenders in **the last 30 days**? MWK
- c. What was the size of the last loan you took? MWK
- d. [\[Not in P1\]](#) How long do you think it will take you to repay the loan?
days, months, years
- e. [\[Not in P1\]](#) How frequently do you make a payment to service the loan?
- daily, weekly, monthly, quarterly, half quarterly, half yearly, yearly, refuse to say, don't know
- f. [\[Not in P1\]](#) What is the typical value of this payment? MWK
- g. [\[Not in P1\]](#) What is the total amount you will pay back, including any interest payments and fees by the end of the loan? *Enumerator – help the respondent figure this out carefully. Enter a positive amount (or -88/-99). It must be at least the amount currently owed (From c).*
 MWK
7. Do you or someone in your household currently have any outstanding loans from a moneylender? (1=Yes, 2=No) ☐
- a. What is the total amount your household owes all these moneylenders combined? MWK
- b. What is the total amount your household made in loan payments to these moneylenders in the **last 30 days**? MWK
- c. [\[Not in P1\]](#) What was the size of the last loan you took? MWK
- d. [\[Not in P1\]](#) How long do you think it will take you to repay the loan? days, months, years
- e. [\[Not in P1\]](#) How frequently do you make a payment to service the loan?
- daily, weekly, monthly, quarterly, half quarterly, half yearly, yearly, refuse to say, don't know

f. [Not in P1] What is the typical value of this payment?

g. [Not in P1] What is the total amount you will pay back, including any interest payments and fees by the end of the loan? *Enumerator – help the respondent figure this out carefully.*
|____| MWK

8. [Not in P1] Do you or someone in your household currently have any outstanding loans from a community savings group including Village Savings and Loans Associations (VSLA) / SACCO / ROSCA? (1=Yes, 2=No) |____|

a. [Not in P1] What is the total amount your household owes all these community savings groups combined? |____| MWK

b. [Not in P1] What is the total amount your household made in loan payments to these community savings groups in the **last 30 days**? |____| MWK

c. [Not in P1] What was the size of the last loan you took? |____| MWK

d. [Not in P1] How long do you think it will take you to repay the loan? |____| |____| days, months, years

e. [Not in P1] How frequently do you make a payment to service the loan?

|____| daily, weekly, monthly, quarterly, half quarterly, half yearly, yearly, refuse to say, don't know

f. [Not in P1] What is the typical value of this payment?

g. [Not in P1] What is the total amount you will pay back, including any interest payments and fees by the end of the loan? *Enumerator – help the respondent figure this out carefully.*
|____| MWK

Section 4.3: Loans and gifts to/from other households

Read: Now, I would like to ask you about the financial relationships your household has with other households, in which your household either receives or gives money or goods. Importantly, we would like to know about all significant financial and in-kind transfers, including gifts and loans. Significant means that you borrowed or lent or received or sent at least **10,000 MWK** in the **last 12 months**.

Transfers and Remittances Received / Loans Received

Please probe well on this next question. We want ALL transfers: LOANS AND GIFTS, MONETARY AND IN KIND.

1. In the past 12 months, did anyone in this household RECEIVE a loan / gift / assistance / remittance of money or goods from another household? Think about parents, children, siblings, good friends, other relatives or employers, etc. *Note, a transfer relationship is any relationship with another household where your household received a loan/gift/assistance/remittance of at least 10,000 MWK in the last 12 months. Only include transfers from private individuals. Do not include transfers from the*

government or employers, or NGOs, etc. If FR is in boarding school count gifts from parents as transfers.

(1=Yes, 2= No) ☐

If YES, continue. If NO, skip to question 11.

For the next set of questions, please group together transfers that come from the same sender (or individuals in the same household) in one “transfer relationship.” If there are more than 3 transfer relationships, list only the ones that provided the largest amount of money or goods.

2. In the past 12 months, from how many transfer relationships did your household receive a loan / gift / assistance / remittance of money or goods? *Note, a transfer relationship is any relationship with another household where your household received a loan/gift/assistance/remittance of at least 10,000 MWK in the last 12 months.* ☐

Read: Consider the [1st / 2nd / 3rd / ...] relationship in which your household received a loan / gift / assistance / remittance of money or goods from someone outside the household in the past 12 months.

	Transfer relation #1	Transfer relation #2	Transfer relation #3
3. What is the name of the sender? <i>Note: Try to get the FULL legal name of the connection. If not possible, get as many names as they know. If unable to give a legal name, the respondent may provide a common name / nickname.</i> / /			
4. Gender of [sender]?			
5. Age of [sender]?			
6. Where does [sender] live? i. ☐ District ii. ☐ TA iii. ☐ GVH iv. ☐ Village v. ☐ If outside Malawi, Specify:			
7. How do you know [sender]? ☐ spouse ☐ former spouse ☐ parent ☐ child ☐ sibling ☐ grandparent ☐ grandchild ☐ uncle/aunt ☐ niece/nephew ☐ cousin			

☐ other relative: _____ ☐ current neighbor ☐ previous neighbor ☐ friend from school ☐ friend from work ☐ friend from church/mosque/religious community ☐ friend from community group ☐ other friend ☐ current co-worker ☐ former co-worker ☐ other: _____			
8. a. Was it money or goods that your household received? (1=Money,2=Goods,3=Both) b. What was the total amount of <u>cash</u> or the total value of goods you received from [sender] in the last 12 months?	a. ☐ _____ b. MWK: _____	a. ☐ _____ b. MWK: _____	a. ☐ _____ b. MWK: _____
9. Was this a LOAN, i.e. are you expected to pay back the money / return the gift?	☐ y/n	☐ y/n	☐ y/n

If ANOTHER TRANSFER was entered, return to question 3 and fill in the next column. If NOT, continue.

10. BESIDES THOSE ALREADY MENTIONED, did anyone in this household receive any OTHER gift / loans / assistance of money or goods from someone outside the household in the last 12 months? **Do not include transfers from the government or employers; also do not include loans or interest payments, or goods that the household purchased. If FR is in boarding school count gifts from parents as transfers.**

☐ Yes / No

(if Yes) a. What was the total value of ALL OTHER gifts / loans / assistance members of your household received in the last 12 months, COMBINED?

i. Gifts / transfers: MWK

ii. Loans: MWK

Transfers and Remittances Sent / Loans Given

Please probe well on this next question. We want ALL transfers: LOANS AND GIFTS, MONETARY AND IN KIND.

11. Did anyone in this household give or send money or goods to someone outside the household in the last 12 months, as a loan / gift / assistance / remittance? Think about parents, children, siblings, good friends, other relatives or employers, etc. *Note, a transfer relationship is any relationship with another household where your household sent a loan/gift/assistance/remittance of at least 10,000 MWK in the last 12 months.*
(1=Yes, 2=No) ☐ **If YES, continue. If no, skip to next Section**

For the next set of questions, please group together transfers that are meant for the same receiver (or individuals in the same household), in one “transfer relationship.” If

there are more than 3 transfer relationships, list only the ones that provided the largest amount of money or goods.

12. In the past 12 months, to how many transfer relationships did your household send a loan / gift / assistance / remittance of money or goods? *Note, a transfer relationship is any relationship with another household where your household sent a loan/gift/assistance/remittance of at least 10,000 MWK in the last 12 months.*

Read: Consider the [1st / 2nd / 3rd / ...] relationship in which your household sent a loan / gift / assistance / remittance of money or goods to someone outside the household in the past 12 months.

	Transfer relation #1	Transfer relation #2	Transfer relation #3
13. What is the name of the recipient? <i>Note: Try to get the FULL legal name of the connection. If not possible, get as many names as they know. If unable to give a legal name, the respondent may provide a common name / nickname.</i> / /			
14. Gender of [recipient]?			
15. Age of [recipient]?			
16. Where does [recipient] live? i. District ii. TA iii. GVH iv. Village v. If outside Malawi, Specify:			
17. How do you know [recipient]? spouse former spouse parent child sibling grandparent grandchild uncle/aunt niece/nephew cousin other relative: current neighbor previous neighbor friend from school friend from work friend from church/mosque/religious community friend from community group			

☐ other friend ☐ current co-worker ☐ former co-worker ☐ other: _____			
18. a. Was it money or goods that your household sent? (1=Money,2=Goods,3=Both) b. What was the total amount of <u>cash</u> or the total value of goods you received from [sender] in the last 12 months?	a. ☐ b. MWK:___	a. ☐ b. MWK:___	a. ☐ b. MWK:___
19. Was this a LOAN, i.e. is [recipient] expected to pay back the money / return the gift?	☐ y/n	☐ y/n	☐ y/n

If ANOTHER TRANSFER was entered, return to question 3 and fill in the next column. If NOT, continue.

20. BESIDES THOSE ALREADY MENTIONED, did anyone in this household send any OTHER gift / loans / assistance of money or goods to someone outside the household in the last 12 months? *Do not include transfers from the government or employers; also do not include loans or interest payments, or goods that the household purchased. If FR is in boarding school count gifts from parents as transfers.* ☐ Yes / No

(if Yes) a. What was the total value of ALL OTHER gifts / loans / assistance members of your household sent in the last 12 months, COMBINED?

- i. Gifts / transfers: MWK
ii. Loans: MWK

21. **[Not in P1]** If your household experienced an unexpected emergency, could you get 100,000 MWK to cover the unexpected expenses, either from your own savings, from friends and family, or from a loan (official or unofficial)?

- ☐ Yes, definitely
☐ Yes, but not sure
☐ Probably not
☐ Definitely not
☐ Refuse to answer
☐ Don't know

- a. **[Not in P1]** What would be the maximum amount you could raise in an emergency? *Put -88 for refuse, -99 for don't know.*
 MWK

- b. **Not in P1 (if > 0)** Where would you be able to get this money from? *Select all that apply.*

- ☐ Household savings (including selling assets)
☐ Business savings (including selling assets)
☐ Gift from friends and family
☐ Loan from friends and family
☐ Loan from a formal institution (bank, MFI, etc.)
☐ Mobile money loan

- ☐ Money lender
- ☐ Other: _____
- ☐ Don't know
- ☐ Refuse to answer

Section 5 - Expenditure

Section 5.1: Food Expenditure

Read: Now I'd like to ask you some questions about household expenditure. I will ask you about different food and other items.

	PURCHASES IN LAST 7 DAYS	HOME PRODUCTION	GIFTS	SHOPPING PATTERNS
Consumption/Expenditure Code: Enter 0 if none. DK=-99	Q1: In the past 7 days, how much have the members of your household spent on [FOOD] ?	Q2. In the past 7 days, how much [FOOD] did your household consume from your own production? <i>Could you please estimate how much MWK it would have cost if you had bought it from the market?</i>	Q3. In the past 7 days, how much [FOOD] did your household receive as a gift from someone outside of the household? -If they received, what was the total amount MWK of those gifts <i>Enter 0 if none.</i>	Q4. (if spending >0) Where did members of your household purchase [food] in the last 7 days? <i>If multiple markets / villages, pick the main three where you spent most</i> Include "DK=-99" option
	MWK	MWK	MWK	VILLAGE or MARKET CENTRE
(a) Maize Maize ufa mgaiwa / Maize flour Ufa woyera / Refined maize flour Chimanga / Maize grain (not as ufa) Chimanga chachiwisi / Green maize nsima/Maize porridge				
(b) Other cereals Mpunga / Rice Ufa wa madeya / Bran flour Mawere / Finger millet Mapira / Sorghum Mchewere / Pearl millet Fulawa, Buledi, mabanzi, maskono,				

<i>mabisiketi / Wheat flour/Bread/Buns/Scones/Biscuits</i> <i>Mapira, mpunga, tirigu zakudya mammawa / Breakfast cereal, porridge</i> <i>Mapira, mpunga, tirigu zakudya ana mammawa / Infant feeding cereals</i> <i>Include grains used for food or alcohol.</i>				
(c)Spent on grinding of maize, cereals, and any other products (Only include price of GRINDING service, not of the product itself. If purchased already ground, (e.g. maize flour), include in the product category (e.g. maize).				
(d) Tubers and Roots chinangwa / Cassava tubers Ufa wa chinangwa / Cassava flour Kachewere woyera / Irish Potato Mbatata yoyela/ White sweet potao Mbatata yofiira mkati / Orange sweet potato Mbatatesi tchipisi / Potato chips Nthochi yophika / Plantain, cooking banana				
(e) Legumes, Nuts & Seed Nyemba zoyera ndi zofiira / Beans, white and brown nandolo / Pigeon peas Mtedza / Groundnut Ufa wa mtedza / Groundnut flour Ufa wa soya / Soyabean flour Nzama / Ground bean Khobwe / Cowpea				

(f) All vegetables Anyezi / Onions Kabichi / Cabbage Tanapozi/Repu / Tanaposi/Rape Tchainizi / Chinese cabbage Masamba ena olimidwa / Other cultivated green leafy vegetables Masamba ena a mthengo / Gathered wild green leaves Tomato Nkhaka / Cucumber Dzungu, Nkhwani / Pumpkin, Pumpkin leaves Therere / Okra Bowa / Mushroom Masamba ena Chisoso Mamunaaligone Denje/local vegetables Chigwada/Cassava leaves				
(g) Dairy and Eggs Mazira / Eggs Mkaka wauwisi / Fresh milk Mkaka waufa / Powdered milk Majarini / Margarine - Blue band Chiponde / Butter Chambiko / Chambiko - soured milk Yoghurt Mkaka wa ana wa m'botolo / Infant feeding formula (for bottle)				
(h) Fish Nsomba zouma / Dried fish Nsomba zaziwisi / Fresh fish Nsomba za mchitini / Tinned fish Nsomba zowamba/ Smoked fish				
(i) Meat Nyama ya ng'ombe / Beef Nyama ya mbuzi / Goat				

Nyama ya nkumba/ Pork Nkhuku / Chicken Nyama zina-nkhanga, nkhunda ndi zina / Other poultry-guinea fowl, doves, etc Nyama zing'ono zing'ono-kalulu, mbewa / Small animal-rabbit, mice, etc Ngumbi, mafulufute / Termites, other insects (eg: caterpillar) Nyama za mchitini / Tinned meat				
(j) Food from vendors Chimanga chophika/Chootcha cha mavenda / Maize - boiled or roasted Tchipisi cha mavenda / Chips Chinangwa chophika cha mavenda / Cassava - boiled Mazira ophika a mavenda / Eggs - boiled Nkhuku zapachiwaya / Chicken Nyama zapachiwaya / Meat Nsomba zapachiwaya / Fish Mandazi, madonasi / Mandazi, doughnut Samusa / Samosa Zakudya za ku resitiranti / Meal eaten at restaurant				
(k) Sugar fat oils Shuga / Sugar Nzimbe / Sugar Cane Mafuta ophikira / Cooking oil				
(l) All fruits Mango Nthochi / Banana Nachesi, oranje, ndimu / Citrus- tangerines, orange, lemons, etc Chinanadzi / Pineapple Papaya				

Pichesi/ Peach Gwafa / Guava Peyala / Avocado Zipatso za chilengedwe (masau, malambe, etc) / Wild fruit Majambula/ Berries Apples Strawberries Mavwende/watermelon				
(m) All non-alcoholic drinks Tiyi / Tea Khofi / Coffee Koko, millo / Cocoa, millo Sobo / Squash (Sobo drink concentrate) Juwisi wa zipatso / Fruit juice Freezes (flavoured ice) Soft drinks (Coca-cola, Fanta, Sprite, etc.) Madzi ogulitsa a Thobwa m'botolo / Bottled water or a plastic tubes				
(n) Alcoholic drinks / tobacco Chibuku / Chibuku (commercial traditional- style beer) Maheu Mowa wa mmabotolo / Bottled/canned beer (Carlsberg, etc.) Masese / Traditional beer Waini / Wine or commercial liquor Kachasu / Locally brewed liquor (kachasu) Fodya/Tobacco				
(o) Spices and Miscellaneous Mchere / Salt Zokometsera ndiwo / Spices Onga, Rajah,Kale Yeast, baking powder,soda / Yeast, baking powder, bicarbonate of soda Tomato sauce (bottle)				

Soya Pieces Tsabola (Nali, etc.) Jam, jelly Sweets, candy, chocolates Uchi / Honey				
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Section 5.2: Non-food expenditure

Read: Now I would like to ask you about items / services purchased by your household. Please include all purchases made, regardless of which household member made them. Please exclude from your answers any items purchased for processing or resale in a household enterprise.

FO NOTE: The following questions ask about spending in the past 30 days

Frequent non-food items	Q1. In the past 30 days, how much did your household spend on [ITEM] in total? (MWK) <i>Enter zero if none are consumed. DK=-99</i>	Q2. (if non-zero purchases) From which village or market center did members of your household purchase [ITEM] in the last 30 days? <i>If multiple markets / villages, pick the main three where you spent most</i> Include “DK=-99” option
	MWK	VILLAGE or MARKET CENTRE
a. Airtime, other phone expenses		
b. Internet services, internet usage outside home		
c. Petrol, diesel, toll gates, transport such as bicycle, cart, car, truck, lorry, van, buses, taxis, flight or train tickets, donkey, etc, excluding transport for medical reasons		
d. Lottery tickets, sports bets, gambling, etc.		
e. Clothing and shoes		
f. Services paid for fixing, tailoring, ironing, cleaning clothes, etc.		
g. Recreation/entertainment such as books/magazines, music/CDs, videos, tickets to any entertainment		
h. Personal items (hair cuts, toiletries (shampoo, tooth paste, razor blades, cosmetics etc, combs)		
i. Other household items (soap, detergent, cleaning agents, toilet paper/tissues, air freshener, shoe polish, insecticide, matches, candles)		

j. Household fuel (such as firewood, charcoal, kerosene, gas, rechargeable and non-rechargeable batteries)		
k. Electricity or solar		
l. Water		
m. Mail, postal, or delivery services		
n. Insurance (health or other)		
o. Wages paid for domestic services (servants, cooking, watchman, gardener)		
p. House rent/mortgage, land/property rent		
q. Building/construction supplies (e.g. cement, bricks, metal sheets, doors, timber, labour, etc.)		
r. School devotement/contribution, and fees (such as printing fees for primary school)		
s. Religious expenses or other cultural ceremony services (e.g. initiation ceremonies, circumcision, dances, excluding weddings and funerals)		
t. Charitable donations (including tithing in church and other contributions, charity, beggar, contributions to village fundraisers for school fees, etc)		
u. Weddings, Funerals (including outside their household if contributed to their costs)		
v. Medical expenses (including consultation fees, medicines, hospital costs, lab test costs, ambulance costs, and related transport)		
w. Household durables:		
1 Vehicles (car, boat, bike, motorbike, handcarts, etc.)		
2 Furniture (bed, chair, vases, mirror, etc.)		
3 Carpets, linen, mattresses, mosquito nets		
3 Kitchen and HH equipment (cutlery, pots, pans, plates, etc.)		
4 Electronic equipment, (lamps, mobile phone, television, etc.)		
x. Lobola (bridewealth) cost		
y. Taxes, insurance, fees, market fees		
z. Bribes, fines, fees, etc.		
aa. Contributions to local public goods, for example water points, health points, village fundraisers, roads, etc.		

Q3. In the last 30 days, did you make any other significant expenditure (above MWK 2000) that we did not mention yet?

☐ Yes / No

a. **(if yes)** On what? _____

b. **(if yes)** How much did you spend additionally in total? MWK

c. **(if yes)** At which markets? *Select multiple.*

Section 5.3: Inflation perceptions and supply disruptions

Read: Now I would like to ask you about items/services purchased by your household. Please include all purchases made, regardless of which household member made them. Please exclude from your answers any items purchased for processing or resale in a household enterprise

1. In the **last** month, do you feel like prices for goods and services in your village or market have changed *more than or faster than usually / previously*?

☐ a lot more
☐ somewhat more
☐ same as usually
☐ somewhat less
☐ much less

a. **(if somewhat more or a lot more)** Which types of goods? *Select all that apply.*

- 1 Maize
- 2 Meat
- 3 Fruits/Veggies
- 4 Other food
- 5 Farming materials
- 6 Household items
- 7 Home building materials
- 8 Other durable (non-food) items
- 9 Services (e.g. hair salon, tailoring, fixing a bike, etc.)

2. In the **last month**, did you have any issues sourcing goods and services that you would have liked to purchase? For example, these goods were not available from sellers as usual? ☐ Yes / No

a. **(if yes)** Which types of goods were less available than usual? *Select all that apply.*

- 1 Maize
- 2 Meat
- 3 Fruits/Veggies
- 4 Other food
- 5 Farming materials
- 6 Household items
- 7 Home building materials
- 8 Other durable (non-food) items
- 9 Services (e.g. hair salon, tailoring, fixing a bike, etc.)

3. **[Not in P1]** What is the price of 1kg of MAIZE today in this village, or the market you usually purchase maize at? MWK

a. **[Not in P1] In the next 30 days**, do you expect prices of MAIZE to go up, down, or stay the same?

☐ increase a lot
☐ increase a little
☐ stay the same
☐ decrease a little
☐ decrease a lot

- b. [Not in P1] (if up/down) How much do you think the price of 1kg of MAIZE will be in 30 days from now?
|____| MWK
4. [Not in P1] Now consider prices of NON-FOOD items you typically buy (the ones we just talked about). In the next 30 days, do you expect prices of these NON-FOOD ITEMS to go up, down, or stay the same?
|____| increase a lot
|____| increase a little
|____| stay the same
|____| decrease a little
|____| decrease a lot
- a. [Not in P1] (if up/down) How much do you think prices of NON-FOOD ITEMS will change. That is, if you can buy something with 1,000 MWK today, what would those same items likely cost in 30 days from now?
|____| MWK

5. [Not in P1] **Currency perceptions: If a devaluation has not yet occurred:**
We would now like to ask some questions about the value of the kwacha.

Do you know what the current official USD-kwacha exchange rate is? In other words, how much in kwacha would you need to pay to receive \$1 USD?

- a. [Not in P1] Has this rate changed in the last month? By how much?
- b. [Not in P1] Do you know what the current local rate (black market rate) to USD-kwacha exchange rate is? (yes/no)
- c. [Not in P1] (if yes) In your opinion, how many kwacha would you need to pay today receive \$1 USD at the official exchange rate?
- d. [Not in P1] In your opinion, has the official USD-kwacha exchange rate changed in the last month?
- e. [Not in P1] What do you think the official exchange rate was a month ago (in kwacha per USD)?
- f. [Not in P1] Do you know what the current local/black market USD-kwacha exchange rate is?
- g. [Not in P1] (if yes) In your opinion, how many kwacha would you need to pay today to receive \$1 USD at the unofficial/black market exchange rate?
- h. [Not in P1] In your opinion, has the local/black market USD-kwacha exchange rate changed in the last month?
- i. [Not in P1] What do you think the local/black market exchange rate was a month ago (in kwacha per USD)?
- j. [Not in P1] In the next month, do you expect this unofficial/black market USD-kwacha exchange rate to change?

- k. [Not in P1] What do you expect the local/black market exchange rate to be one month from now (in kwacha per USD)?
- l. [Not in P1] Do you think this change in the exchange rate is likely to improve, worsen, or have no effect on your day-to-day life?

6. **Currency perceptions: If a devaluation has occurred:**

- a. [Not in P1] We would now like to ask some questions about the value of the kwacha.
- b. [Not in P1] Do you know what the current official USD-kwacha exchange rate is? In other words, how much in kwacha would you need to pay to receive \$1 USD?
- c. [Not in P1] Has this rate changed in the last month?
- d. [Not in P1] Do you know what the current local USD-kwacha rate (black market rate) is? In other words, how much in kwacha would you need to pay to receive \$1 USD?
- e. [Not in P1] Has this rate changed in the last month?
- f. [Not in P1] If yes to change: did this change improve, worsen, or have no effect on your day-to-day life?

Section 6 - Agriculture and Livestock

Section 6.1 - Livestock

Read: We would now like to discuss the pastoral activities that you and other members of your household perform.

1. In the last 12 months, did you or did members of your household perform any pastoralist activities for yourselves, own any livestock / animals at all, or produce or sell any animal products ? (1=Yes, 2=No) ☐

IF YES, proceed to the next question. IF NO, skip to Section 6.2.

2. Who in the household is the main decision maker with regards to pastoral activities?
☐ [HH Mem 1]
☐ ...
☐ [HH Mem N]

FO. If the main decision maker is present in the household at the time of the interview, please try to get the following information from this person. Otherwise, continue with the FR.

- a. **(Don't read, just tick)** Who is providing information on pastoral activities?
☐ [HH Mem 1]
☐ ...
☐ [HH Mem N]

Code	Livestock and Poultry	
	Livestock	3. In the last 12 months, did your household own this livestock at any point? 1 = Yes 2 = No If No skip to the next livestock
1	Chicken	
2	Ducks	
3	Pigeons	
4	Goats	
5	Sheep	
6	Pigs	
7	Cows	
8	Donkeys/Mules	
9	Horses	
10	Beehive	
11	Fish pond	
12	Quail	
13	Guinea fowl	
14	Rabbits	

-77	Other:	
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NOW LOOP THROUGH EACH ANIMAL SPECIES OWNED:

IF MORE THAN 5 ANIMAL SPECIES ARE OWNED, LOOP THROUGH THE 5 MOST IMPORTANT SPECIES. If the list is longer than 5 species, we will ask the respondent to choose their top 5

4. How many [ANIMAL] does your household currently own?	__ Number
5. (if any) What is the total value of the herd of [ANIMAL] your household currently owns? <i>Enumerator: Ask about the different types, age and value of the [LIVESTOCK] in the herd and ask for an overall estimate</i>	__ MWK
6. How many [ANIMAL] have you SOLD in the last 12 months?	__ Number
7. (if any) How much did you earn from the sale of [NUMBER] [ANIMAL]s in the last 12 months in total?	__ MWK
8. (if any) How much did you receive from the last sale of ONE [ANIMAL]?	__ MWK
9. How many [ANIMAL] have you PURCHASED in the last 12 months?	__ Number
10. (if any) How much did you spend on purchasing [ANIMAL]s in the last 12 months in total?	__ MWK
11. (if any) How much did you pay for the last purchase of ONE [ANIMAL]?	__ MWK
12. In the last 12 months , did you produce, for sale or home consumption, any animal products from [ANIMAL]? <i>Enumerator: Prompt for meat, milk, eggs, honey, hides, wool, dung, etc.</i>	__ Yes / No
13. (if any) What is the total revenue/sales of these products from [ANIMAL] in the last 12 months?	__ MWK
14. (if any) How much of these products from [ANIMAL] were not sold, but instead consumed by members of your household in the last 12 months? <i>Enumerator: Prompt for market value.</i>	__ MWK

IF MORE THAN 5 ANIMAL SPECIES:

15. [Read] Now, let's talk about all other animals that you own, NOT INCLUDING all those already mentioned.	
a. What is the total value of all other animals NOT ALREADY MENTIONED your household currently owns?	__ MWK
b. What is the total value of all animals NOT ALREADY MENTIONED you SOLD in the last 12 months?	__ MWK
c. What is the total value of all animals NOT ALREADY MENTIONED you PURCHASED in the last 12 months?	__ MWK
d. What is the total revenue/sales of animal products NOT ALREADY MENTIONED in the last 12 months?	__ MWK

Read: Now, I would like you to think of ALL the pastoralist activities together.

16. Please select household members who took part in pastoralist activities in the **last 7 days**.

☐ [HH Mem 1]

☐ ...

☐ [HH Mem N]

LOOP OVER THESE HOUSEHOLD MEMBERS {

17. How many hours did each household member work on pastoralist activities in **the last 7 days**?

Include feeding, guarding, herding, collecting animal products, etc. Include ZERO for members who did not work on pastoralist activities.

}

18. In total, how many workers from outside the household did you hire to work on pastoralist activities in the last 12 months ? <i>Include maids and shepherds that live with you, but that you do not consider part of the household (that are not captured in the household roster). Count casual workers that worked part-time as well.</i>	number
19. (if any) How much did you spend on wages for workers from outside the household for pastoralist activities during the last 12 months ? <i>If payment is in kind, ask to estimate in MWK. Prompt for main and lean seasons.</i>	MWK
20. What is the total size of the land you used for pastoralist activities in the last 12 months ? <i>Only count land that is specifically designated to that purpose. DO NOT count general household land / common land used for grazing.</i>	Amount Unit
21. a. How much land did you rent for all pastoralist activities in the last 12 months ?	Amount Unit
b. (if any) How much did you spend on renting this land in the last 12 months?	Amount Unit
22. How much did you spend on the following items for all pastoralist activities during the last 12 months ? a. Tools and machinery b. Animal feed c. Animal medicine / vet d. Animal Insurance e. Any other variable input cost not already mentioned , please specify: _____ <i>If unsure, FR can estimate.</i>	MWK MWK MWK MWK MWK
23. Take into account all the purchases, sales, all proceeds from animal products, as well as all expenses related to pastoralist activities. How much did your	30 days 12 months

household receive in total profits – that is, sales net of any costs – from this pastoralist activities in the last...? <i>Include net profit from the purchase/sale of livestock/poultry/fish as well as from other animal products. FOs should guide the respondent to recall the 30 days of full 12 months past. For 12 months, think of each growing cycle and harvest.</i> READ: Profits are your total sales net of total costs for labor, land, machines, tools.	
24. (if any purchases or sales of livestock or livestock products) In the last 12 months, where did you typically sell or buy livestock or livestock products? <i>Select all that apply.</i>	☐ at the homestead/in the village to other households ☐ at the homestead/in the village to traders ☐ in another village in Chiradzulu ☐ at a market center in Chiradzulu ☐ outside Chiradzulu
25. (if marketplace in Chiradzulu) At which market(s) in Chiradzulu did you typically sell or buy livestock and livestock products in the last 12 months? <i>Select all that apply.</i> i. What are the TAs of all other MARKETS? ☐ [TA 1] ... ☐ [TA N] ☐ Other ii. Which MARKETS ? <i>Filtered from i.</i> ☐ [Market 1] ☐ ... ☐ [Market N] ☐ Other iii. (if other) Which other MARKETS (not already mentioned)? _____	
26. (if in another village in Chiradzulu) At which OTHER VILLAGES in Chiradzulu did you typically sell or buy livestock and livestock products in the last 12 months? Make sure to select the TA for ALL of the VILLAGES. i. What are the TAs of all other VILLAGES? <i>Select multiple.</i> ☐ [TA 1]	

... ☐ [TA N] ☐ Other ii. What are the GVHs of all other VILLAGES? Filtered from i. <i>Select multiple.</i> ☐ [GVH 1] ... ☐ [GVH N] ☐ Other iii. What are the VILLAGES? Filtered from b. <i>Select multiple.</i> ☐ [village 1] ... ☐ [village N] ☐ Other iv. (if other) Which other VILLAGES (not already mentioned)? _____	
27. (If outside Chiradzulu) Where?	_____
28. If multiple: What percentage of total earnings from selling livestock, and livestock or animal products did you earn in each of these locations?	☐ at the homestead/in the village ☐ [market 1] ☐ [market N] ☐ [village 1] ☐ [village N] ☐ Other: _____
29. Have you experienced any destruction, or theft or vandalism of livestock in the last 12 months? <i>Select all that apply.</i>	☐ None ☐ Theft/vandalism ☐ Destruction: Flood ☐ Destruction: Drought ☐ Destruction: disease ☐ Other: specify _____
30. (if any) How much was the total loss to your household from such destruction, theft, disease, or vandalism?	☐ MWK

Section 6.2 - Agricultural activities

Read: We would now like to discuss the agricultural activities that you and other members of your household perform.

1. In the last 12 months, did or do members of your household perform any agricultural non-livestock activities for yourselves, grow any crops, or use any land to produce food?
(1=Yes, 2=No) ☐

IF YES, proceed to the next question. IF NO, skip to Section 7

2. ***(If different from census)*** During census, this household was identified as having Agriculture: **yes/no**. While the census may not be correct, please prompt the respondent to check.
3. Who in the household is the main decision maker with regards to agricultural non-livestock activities?
☐ [HH Mem 1]
☐ [HH Mem 2]
☐ [HH Mem 3]
☐ [HH Mem 4]

FO. If the main decision maker is present in the household at the time of the interview, please try to get the following information from this person. Otherwise, continue with the FR.

- a. ***(Don't read, just tick)*** Who is providing information on agricultural non-livestock activities?
☐ [HH Mem 1]
☐ [HH Mem 2]
☐ [HH Mem 3]
☐ [HH Mem 4]
4. **[Not in P1]** Think of all the land that you used **in the last 12 months** for agriculture. Include all land that you **own (even if you rented it out) as well as any land that you rented or share-cropped in the last 12 months**. Include the last dry season and the rainy season.

In the last 12 months, did you... *select all that apply*

- ☐ own any land
☐ rent out any land that you own
☐ rent in or sharecrop any land
☐ none of the above
☐ refuse to answer
☐ don't know
5. **[Not in P1]** (5. = 1 to 3) How many **plots** or **gardens** did you own, rent in, or rent out, for **agriculture** in the last **12 months**, including the dry season and the rainy season?

plots and gardens

6. [Not in P1] I am now going to ask you some questions about [the three most important] of these plots or gardens.

LOOP THROUGH EACH PLOT/GARDEN {

- a. [Not in P1] Now, let us talk about plot/garden number [1/2/3]. What is the area of this plot / garden?

An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field. If the respondent would like to respond in another unit (such as hectares or metres squared), tick 'answer not in acres'.

☐ Acres

☐ Answer not in acres

- i. **(If not in acres)**

☐ Hectares

☐ Metres squared

☐ Other

- ii. ☐ Amount

- b. [Not in P1] Who in the household is the main decision maker with regards to agricultural non-livestock activities on this plot?

☐ [HH Mem 1]

☐ [HH Mem 2]

☐ [HH Mem 3]

☐ [HH Mem 4]

- c. [Not in P1] **In the last 12 months**, did you ...

☐ ... own this plot/garden

☐ ... rent in / sharecrop this plot/garden

- d. [Not in P1] **(if own)** Did you...

☐ purchase this plot/garden

☐ get this plot/garden as a gift

☐ inherit this plot/garden

- e. [Not in P1] **(if purchase)** When did you purchase this plot/garden? /

- f. **[Not in P1] (if purchase)** How much did you pay to acquire this plot? MWK
- g. **[Not in P1] (if own)** Did you rent OUT this plot/garden for any period **in the last 12 months?**
 No, I only used it myself
 Yes, I rented/sharecropped it out
 Yes, I rented/sharecropped it out AND used it myself for some of the time
- h. **[Not in P1] (if own)** How much is this plot/garden worth today, if you sold it at the current market price?
 MWK
- i. **[Not in P1] (if rented out or both)** For how many months of the last 12 months did you rent/sharecrop out this plot/garden?
- j. **[Not in P1] (if rented out or both)** For how much do you rent/sharecrop out this plot/garden? *Enumerator: If paid in kind, ask respondent to estimate value of payment in MWK.*
 Amount
a. **(if rented out or both)** How often do you receive rental payments?
- k. **[Not in P1] (if rent/share-cropped in (7c))** For how many months did you rent/sharecropped this plot/garden from others in the last 12 months?
- l. **[Not in P1] (if rent/share-cropped in (7c))** For how much did you rent or sharecropped this plot/garden? *Enumerator: If paid in kind, ask respondent to estimate value of payment in MWK.*
 Amount
a. **(if rented in or both)** How often do you make rental payments?
- m. **[Not in P1] In the last 12 months, thinking of both the last rainy season, and the last dry season, which crops did you grow on this plot?** *Enumerator: Please prompt for ALL crops grown. Select multiple.*

1= RICE 2= MAIZE 3= CASSAVA 4= IRISH (MALAWI) POTATO	17=BANANAS 18= PUMPKIN LEAVES (NKHWANI) 19=OKRA (THERERE) 20=TOMATO 21=ONIONS 22=PEAS	34=TANGERINE (/NAARTJIE) 35=CHICKPEAS 36=COWPEAS (KHOBWE) 37=ORANGE 38=PAPAYA	51= GINGER 52=OTHERS
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5= SORGHUM (MAPIRA) 6= GROUNDNUTS 7= SWEET POTATO 8= TEA 9= FINGER MILLET (MAWERE) 10=PEARL MILLET (MCHEWERE) 11= BEANS 12=SOYABEAN 13=PIGEONPEA (NANDOLO) 14=SUGAR CANE 15=CABBAGE 16=TANAPOSI/RAP E	23= GREEN BEANS (ZITHEBA) 24= EGGPLANT 25=SUNFLOWER 26=TOBACCO 27=PINEAPPLE 28=AVOCADO 29=MANGO 30=SPINACH 31=GARLIC 32=LEMON 33=GUAVA	39=CUSTARD APPLE (POZA) 40=SUGAR PLUM (MASUKU) 41=PEACH 42=MASAU 43=MACADAMIA 44=PUMPKIN 45= CARROT 46=LETTUCE 47=CUCUMBER 48=MUSHROOM 49= COTTON 50=GREEN PEPPER	
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n. (if multiple) Loop through each CROP (MAX 5) {

- i. [Not in P1] How much of the total [amount] [unit]s of this plot/garden did you use to cultivate [crop]? *An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field. If the respondent would like to respond in another unit (such as hectares or metres squared), tick 'answer not in acres'.*

☐ Acres

☐ Answer not in acres

- ii. [Not in P1] (If not in acres)

☐ Amount

☐ Unit

}

}

SurveyCTO: The respondent said that the following crops were cultivated in the last 12 months:

☐ Crop 1

☐ Crop 2

...

NOW LOOP THROUGH EACH CROP CULTIVATED: IF MORE THAN 5 CROPS ARE GROWN, LOOP THROUGH THE 5 MOST IMPORTANT CROPS.

If the list is too long, we will ask the respondent to list the 5 most important crops.

7. During the last 12 months, thinking of BOTH the last rainy and dry seasons, in total across each of your plots, how much of [CROP] did you produce? <i>Prompt for harvesting and lean season. If unsure, FR can estimate.</i>	Unit Amount
8. During the last 12 months, how much of the [AMOUNT] [UNIT] OF [CROP] did members of your household consume yourself? <i>Prompt for harvesting and lean season. If unsure, FR can estimate</i>	Unit Amount
9. Did you sell any of the output of [CROP] in the last 12 months, thinking of BOTH the last rainy and dry seasons?	Yes / No
10. (if yes) During the last 12 months, how much did you sell, thinking of BOTH the last rainy and dry seasons? <i>Prompt for harvesting and lean season. If unsure, FR can estimate</i>	Unit Amount
11. (if yes) What was the total revenue / earnings from selling [AMOUNT] [UNIT] of [CROP] over the last 12 months, thinking of BOTH the last rainy and dry seasons? <i>Prompt for harvesting and lean season. If unsure, FR can estimate</i>	MWK
12. If you went to the market today, how much could you sell ONE [UNIT] of [CROP] for?	MWK
13. (if any sales of agricultural products) In the last 12 months, where did you typically sell [CROP]? <i>Select all that apply.</i>	☐ at the homestead/in the village to other households ☐ at the homestead/in the village to traders ☐ in another village in Chiradzulu ☐ at a market center in Chiradzulu ☐ outside Chiradzulu
14. (if marketplace in Chiradzulu) At which market(s) in Chiradzulu did you typically sell [CROP] in the last 12 months? <i>Select all that apply.</i> i. What are the TAs of all other MARKETS? [TA 1] ... [TA N] Other ii. Which MARKETS ? <i>Filtered from i.</i> [Market 1] ... [Market N]	

☐ Other iii. (if other) Which other MARKETS (not already mentioned)? _____	
15. (if in another village in Chiradzulu) At which OTHER VILLAGES in Chiradzulu did you typically sell [CROP] in the last 12 months? Make sure to select the TA for ALL of the VILLAGES. i. What are the TAs of all other VILLAGES? <i>Select multiple.</i> ☐ [TA 1] ... ☐ [TA N] ☐ Other ii. What are the GVHs of all other VILLAGES? Filtered from i. <i>Select multiple.</i> ☐ [GVH 1] ... ☐ [GVH N] ☐ Other iii. What are the VILLAGES? Filtered from b. <i>Select multiple.</i> ☐ [village 1] ... ☐ [village N] ☐ Other iv. (if other) Which other VILLAGES (not already mentioned)? _____	
16. (If outside Chiradzulu) Where?	_____
17. If multiple: What percentage of total earnings from selling crops and agricultural products (excl. livestock) did you earn in each of these locations?	☐ at the homestead/in the village ☐ [market 1] ☐ [market N] ☐ [village 1] ☐ [village N] ☐ Other: _____
18. [Not in P1] How many [UNIT]s of [CROP] do you currently have in storage?	☐ Unit ☐ Amount
19. In the last 12 months , did you lose any [crop] after harvest, due to...	☐ Theft/vandalism ☐ Destruction: Flood ☐ Destruction: Drought ☐ Pests

	☐ Rotting / damage ☐ Other: specify _____
20. (if any) How much was the total loss to your household from such destruction, theft, pests, damage, rotting, or vandalism of [crop] in the last 12 months?	☐ MWK
21. [Not in P1] In the past 12 months , did you purchase any seeds for [CROP]? Include purchases for which you used vouchers from the affordable inputs program.	☐ No, retained seeds from last year ☐ No, was gifted ☐ Yes
22. [Not in P1] What type of seeds?	☐ there is only one kind ☐ local / saved ☐ hybrid ☐ composite ☐ Open Pollinated ☐ Don't know ☐ Refuse to say
23. [Not in P1] (if purchased seeds) In the last 12 months, thinking of both the rainy and lean seasons , how much did you spend in total on seeds for [CROP]?	☐ MWK
24. [Not in P1] Did you use any COUPONS from the affordable inputs program?	☐ Yes ☐ No
25. [Not in P1] (if yes) Of the total [amount] MWK that you spent on seeds of [crop], how much did you purchase using COUPONS? Note – if the COUPONS were in quantity units, estimate how much the seeds would have cost if you had to purchase the seeds in cash.	☐ MWK

Read: Now, I would like you to think of ALL the agricultural activities together.

26. How many hours did each household member work on agricultural activities in the last 7 days? <i>Include weeding, watering, harvesting, sowing, planting, etc. Include ZERO for members who did not work on agricultural activities.</i>	☐ [HH Mem 1] ☐ [HH Mem 2] ☐ [HH Mem 3] ☐ [HH Mem 4]
27. [Not in P1] In the last 30 days, thinking of BOTH the last rainy and dry seasons , did you hire any workers from outside the household for...	☐ plowing ☐ weeding ☐ watering ☐ harvesting ☐ shelling/threshing/p eeling ☐ cleaning

	any other agricultural work
28. [In P1 it was 12 months] In total, how many workers from outside the household did you hire to work on agricultural activities in the last 30 days, thinking of BOTH the last rainy and dry seasons? <i>Count casual workers that worked part-time as well. Prompt for harvesting and lean season.</i>	number

29. **[Not in P1]** We will now ask questions about the (up to 5) most important workers hired from outside the household for agriculture

a. **(if multiple) Loop through each workers (MAX 5) {**

- i. **[Not in P1]** What is the name of worker #th ?
- ii. **[Not in P1]** What is [worker]'s gender?
- iii. **[Not in P1]** What is [worker]'s age (in years)?
- iv. **[Not in P1]** Where does [worker] live?
- v. **[Not in P1]** Which of the following households does [worker] live in? (search over households in the village the worker lives in)
- vi. **[Not in P1]** Aside from working for the household, what is [worker]'s relationship to the household?
- vii. **[Not in P1]** How many hours did [worker] work for this household in the last 7 days?

}
}

30. (if any) How much did you spend on salaries for workers from outside the household for agricultural activities during the last 30 days, including both the rainy season and the dry season? <i>If payment is in kind, ask to estimate in MWK. Prompt for harvesting and lean season.</i>	MWK
31. In the past 12 months, thinking of both rainy season and dry season, did you purchase or use any... organic fertilizer, including manure, etc. chemical fertilizer a. (if any) In the past 12 months, thinking of both rainy season and dry season, how much of the following types of fertilizers did you purchase? Include fertilizer purchased using COUPONS from the Affordable Inputs Program. NPK: Amount kgs; Price MWK Urea: Amount kgs; Price MWK Other fertiliser: Amount kgs; Price MWK b. (if any) LOOP THROUGH EACH { Of the [amount] kg OR [cash amount] MWK of [NPK/UREA/Other Fertilizer] that you purchased in the last 12 months, how much did you purchase using COUPONS from the Affordable Inputs Program. Note – if the COUPONS were	

in quantity units, estimate how much the fertilizer would have cost if you had to purchase the fertilizer in cash. MWK }	
32. In the past 12 months, thinking of both rainy season and dry season, did you use any pesticides or herbicides, for example Round up, Sypermethrine, Lapada, Thiamex, or others? A. (if any) In the past 12 months, thinking of both rainy season and dry season, how much did you spend in total on all pesticides or herbicides? b. Of the [cash amount] MWK of pesticides or herbicides that you purchased in the last 12 months, how much did you purchase using COUPONS from the Affordable Inputs Program. Note – if the COUPONS were in quantity units, estimate how much the herbicides/pesticides would have cost if you had to purchase the fertilizer in cash. MWK	Yes / No MWK MWK
33. Did you purchase any other inputs using COUPONS from the Affordable Inputs Program? Yes / No a. (if yes) Which? _____ b. (if yes) How much were these other inputs worth if you had to purchase them in the market today? MWK	
34. Adoption of high-yield agricultural practices. In the last 12 months, did you use ... a. Any irrigation b. Row planting, or regular spacing between rows of crops c. Ploughing d. Composting e. Crop rotation f. Leaving a garden/plot fallow g. (if row planting) How did you measure the spacing between rows? estimation planting stick string other: _____ h. (if row planting) Approximately how far apart are the rows you planted / how long is your measuring device? <i>Enter in cm, enter -99 for don't know</i>	Yes / No
35. How much did you spend on the following items for this activity during the last 12 months, thinking of BOTH the last rainy and dry seasons, across all plots/gardens, and all crops? a. Tools and machinery (e.g. plows, machetes, tractors, maintenance, etc.) b. Buildings or structures, for storage, etc.	MWK MWK

c. Irrigation / water, including ditches, drainage, etc. d. Agricultural insurance e. Any other variable input cost not already mentioned, please specify: _____	☐ MWK ☐ MWK ☐ MWK
<i>Prompt for harvesting and lean season. If unsure, FR can estimate.</i>	
36. Taking into account all the sales and expenses related to agriculture. How much did your household receive in total profits – that is, sales net of any costs (labor, land, machine, tools, etc.) – from agricultural crop production in the last 12 months, including both the rainy and the dry seasons? <i>FOs should guide the respondent to recall the full 12 months past. Think of each growing cycle and harvest.</i>	☐ MWK
37. [Not in P1] Are you a member of the One Acre Fund? a. [Not in P1] (if yes) For how many years?	☐ Yes / No ☐ years

List B	
1 KILOGRAMMES 2 Buckets 3 Plates 4 Bundles/Heaps	-77 OTHER (Specify)

Section 7 - Self-Employment

1. (If reported non-ag business at census)

DO NOT READ:

During the CENSUS, this household reported operating: **#{s5_num_ent}** businesses

In the following screen, we will show details of these businesses. Make sure you prompt for these businesses, or any other businesses.

IMPORTANT: The census information MAY be wrong, so do not consider this the absolute truth. If the answers differ from what is preloaded here, double check and try to resolve any discrepancy with the respondent.

Foreach business (up to 3) {

Details of the [nth] business:

- Name: #{s5_business_name}
 - Type: #{s5_enterprise_bizcat}
 - Location: #{biz_location}
 - If at market: [TA: ; Market]
 - If at village: [TA: ; GVH: ; Village:]
- }

(If not reported non-ag business at census)

DO NOT READ:

During the CENSUS, this household did not report operating a business. Please still prompt carefully.

2. In the past 12 months, have you, or members of your household, been self-employed or run a business to earn a living, not including any agricultural business that we have already discussed? *Prompt: A non-agricultural business or self-employment is any activity that you do for money, where you sell something, even if it is not much. Count any business where the household has sold more than 5,000 Kwacha in a typical month. Prompt for all household members, not just the respondent. Prompt even for businesses that no longer operate.*

If YES, continue to question 3. Otherwise, SKIP to next section

PART A: Listing businesses

3. How many different businesses or self-employed activities has your household run **in the last 12 months, including businesses that are currently no longer operating?** *Note: We are asking for the total number of businesses the household has run. Only count*

agriculture as a business if the household is both purchasing and retailing agricultural goods (not just producing them and selling them themselves, as this is captured above under agriculture). Include all the self-employment the FR or someone else in the household has had. The FR can invite relevant person in to help answer questions for this part. Enter -88 if the respondent refuses to say, and -99 if the respondent doesn't know

Read: I will now ask some brief details about these [number] enterprises in turn. If any enterprises are no longer operating, please provide the details as they were at the time of closing.

REPEAT FOR EACH ENTERPRISE {

4. Who is the primary decision maker / owner for this business?
 [HH member 1]
 ...
 [HH member N]
5. **[Not in P1]** Specify the other household member who is the primary decision maker / owner for business\${index7_1}?
If the respondent mentions that the owner is not part of the household, mention them that those questions are specific to businesses owned by someone in the household, and change your answers accordingly _____
6. Name of the business: _____
7. Briefly describe this business activity:

8. What is the primary sector of the enterprise \${name of the business}? By primary sector category, we mean the main sector of activity. If there are multiple sectors select the main one
9. What is the primary enterprise category of enterprise \${name of the business}? By primary enterprise category, we mean the main thing that a business is doing. You may select multiple, but do not list any small side activities, but only the main ones. *Select all that apply.*

Food vendors

- ☐ Raw food stalls (fruit, vegetables, etc.)
- ☐ Processed food stalls (small grocery store, etc.)
- ☐ Cereals and other grains
- ☐ Jaggery / sugar
- ☐ Butcher
- ☐ Fish sale / monger
- ☐ Sale / brewing of homemade alcohol
- ☐ Livestock vendors

Agriculture / Livestock

- ☐ Agricultural / vet supplies (seeds, vet medicine, etc.)
- ☐ Tree / plant nursery
- ☐ Chicken vendor
- ☐ Cattle vendor
- ☐ Other livestock vendor

Non-Food vendors

- ☐ Household items and supplies (soap, pots, pans, etc.)
- ☐ Hardware stores/stalls
- ☐ Electronic goods seller
- ☐ Arts and crafts, baskets, etc.
- ☐ Clothing and footwear seller
- ☐ Charcoal vendor
- ☐ Brick, stone, sand, wood vendors
- ☐ Gas / kerosene / paraffin vendor
- ☐ Water seller
- ☐ Chemist / pharmacy
- ☐ Furniture vendor (but not a carpenter)
- ☐ Tobacco vendor / processing
- ☐ Filling station / petrol station

Manufacturing

- ☐ Carpenter / woodwork
- ☐ Metalwork / welding
- ☐ Motor vehicles mechanic (bikes, cars)
- ☐ Bicycle mechanic
- ☐ Tailor / shoemaker
- ☐ Maize mill / grain mill

Services (including transport)

- ☐ Beauty salon / barber shop
- ☐ Mobile charging / mobile money agent
- ☐ Restaurant / Bar / Tea room
- ☐ Guesthouse / hotel
- ☐ Video room / football hall
- ☐ Photo studio / cyber cafe / CD burning
- ☐ Laundry
- ☐ Herbalist / traditional medicine / witchcraft
- ☐ Phone repair / electronics repair

Transport

- ☐ Motorcycle transport
- ☐ Cycle transport
- ☐ Minibus / taxi / etc.
- ☐ Other: _____

10. [\[Primarily operate is new in P2\]](#) From where does this enterprise primarily operate? *Select all that apply.*

Note: for consumer facing firms, operating means selling. For production-based enterprises, operating means producing.

- ☐ Homestead
- ☐ This village, but not in the homestead
- ☐ Another village in Chiradzulu
- ☐ In a market center in Chiradzulu
- ☐ Outside Chiradzulu district
- ☐ Refuse to answer
- ☐ Dont know

a. **(If any market in Chiradzulu)** At which markets in Chiradzulu has this business operated in the **last 30 days**? Please first enter the TA of each of these MARKETS. Make sure to select the TA for ALL of the markets.

b. What are the TAs of all MARKETS? ☐ [TA 1]

...

☐ [TA N]

☐ Other

c. Which MARKETS ? **Filtered from b.**

☐ [Market 1]

☐ ...

☐ [Market N]

☐ Other

d. **(if other)** Which other MARKETS (not already mentioned)?

e. (if in another village in Chiradzulu) At which OTHER villages in Chiradzulu has this business operated in the last 30 days? Please first enter the TA of each of these VILLAGES. Make sure to select the TA for ALL of the villages.

f. What are the TAs of all other VILLAGES? Select multiple.

☐ [TA 1]

...

☐ [TA N]

☐ Other

g. What are the GVHs of all other VILLAGES? Filtered from f. Select multiple.

☐ [GVH 1]

...

☐ [GVH N]

☐ Other

h. What are the VILLAGES? Filtered from g. Select multiple.

☐ [village 1]

...

☐ [village N]

☐ Other

i. (if other) Which other VILLAGES (not already mentioned)?

j. (if outside Chiradzulu district) Specify: _____

11. Are members of your household currently still running this enterprise/activity?
(1=Yes, currently running, 2=No, no longer running)|____|

12. [Not in P1] When did this enterprise close? |__||__| / |__||__||__|

13. [Not in P1] Was this closure permanent?

- ☐ Yes, permanent
☐ No, intend to re-open
☐ Don't know
☐ Refuse to answer

} END REPEAT

FO: At this point, we have the full list of all enterprises the household has run in the past 12 months and whether each is currently operating or not. We will ask more detailed questions about each enterprise in turn.

PART B: Business details

Read: Your household has run [XX] number of enterprises in the past 12 months. I will now ask more detailed questions about each of these enterprises in turn.

Enumerator note: the questionnaire will be longer for enterprises operating primarily in the village (as we have detailed information for enterprises operating from markets in the market census and enterprise survey.)

REPEAT THROUGH EACH ENTERPRISE THAT WAS OPEN AT ANY POINT DURING THE LAST 12 MONTHS {

Read: We are now discussing the following enterprise/activity:
Primary decision maker: [DECISION MAKER]
Enterprise/activity name: [ENTERPRISE NAME]
Primary enterprise category: [PRIMARY CATEGORY]
Operating status: [OPERATIONAL/CLOSED]

ENUMERATOR: If the primary decision maker for this enterprise is present, please try to collect further details on this enterprise/activity from that person. Otherwise, continue with the main respondent.

NOTE: The following section is about **THIS PARTICULAR NON-AGRICULTURAL BUSINESS**. All questions relate to that business only, and not to other businesses in the household, or household agricultural or pastoral activities.

Note: If the business closed down, we want this information at the time of closing.

14. Who is providing information on this business?
☐ (1=Owner/primary decision maker/ 2=Other household member)

- a. **(if other household member)** Are you sure you cannot find the owner/employee?
We really want to speak to the primary decision maker of this business to get accurate information. If possible, go fetch them.
☐ Not possible to fetch them at all

15. [Reformulate with what structure in P2] At its primary location, what structure is [this enterprise] operating from?

☐ Own building
☐ Shared building
☐ Market stall / structure
☐ Oxcart / trailer / truck / other moving stall
☐ Table
☐ On the floor
☐ Other: _____

16. What is/was the ownership structure of this enterprise?
Enterprise/activity name: [ENTERPRISE NAME]

Note: an enterprise has a Single Owner if all of its assets are owned by one individual person. If more than one person has a claim to the enterprise's assets (such as the original owner plus their spouse), it is considered Joint Ownership. If an enterprise is owned by everyone involved with or working for it, it is considered a Cooperative.

☐ Single Owner
☐ Joint Ownership – within the household
☐ Joint Ownership – with people outside the household
☐ Cooperative
☐ Other: _____

- a. [Not in P1] **(if joint ownership/cooperative with people outside the household)**
Other than members of your household, how many other owners does this enterprise have?

17. When did this business first begin operating?
 / month / year

18. [Not in P1] **(if operating only from 'homestead')** How much did you invest in order to start, purchase or gain control of this business? Include all monetary assistance that others contributed to allow FR to start this business. (-88 = Business was inherited or transferred for free (gift)) MWK

19. [Not in P1] **(if operating only from 'homestead')** How did you obtain the resources you initially invested in this business? *Select all that apply.*

☐ Own savings
☐ Loan from relatives
☐ Gift from relatives
☐ Loan from friends
☐ Gift from friends
☐ Bank loan
☐ ROSCA
☐ SACCO
☐ Moneylender

- ☐ Mobile credit
☐ NGO cash transfer or other program
☐ Government cash transfer or program
☐ Other (specify): _____

20. In the past 12 months, what months was this enterprise operational for at least 1 day?

Select all that apply.

- ☐ All of the last 12 months
☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun ☐ Jul
☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec

21. a. How many DAYS was this enterprise/activity open for customers **in the last 7 days**?

b. (if a > 0) On those days when the enterprise was open **in the last 7 days**, how many hours was the enterprise usually open per day?

22. [Not in P1] **READ:** Revenue is your total sales. That is, all the money that you have received from any customers.

Include all sales of all products and services that you provide.

I am now going to ask you questions about this business' revenue / total sales. Can you answer two short questions about its revenues?

Yes / no / don't know / refuse to answer

23. [Not in P1] (If no) This question is really important. If the respondent doesn't want to answer, attempt these strategies:

1. If they don't know, please try to help the respondent estimate. Ask about profit on a typical day, and how many days they were open over the period.

2. If they refuse, remind them we will not share this data with anyone

- ☐ Confirm, they really do not know
☐ Confirm, they don't want to disclose
☐ No, we can proceed with the question

24. (If yes)

READ: Please include all sales of all products and services that you provide.

What was the total **revenue/earnings** of this enterprise over the ... *[hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response. Enter -88 for refuse to answer and -99 for don't know]*

- a. **Last 7 days?** MWK
 b. **In the last 30 days?** MWK

25. [Not in P1] **READ:** Profits are your total sales after paying all expenses including purchases of supplies and materials, the wages of employees, rent, and any other business expenses. It's what's left over as income for the owner(s) at the end of the day.

Profits have to be lower or equal to sales, and can be negative if you made losses.

Subtract all costs, including materials and supplies, wages, rent, security, taxes and fees, etc. If you sell produce from your own farm or cooperative, subtract these costs by estimating what you would have paid if you purchased these goods wholesale.

I am now going to ask you questions about this business' profits. Can you answer two short questions about its profits?

☐ Yes / no / don't know / refuse to answer

26. **[Not in P1] (If no)** This question is really important. If the respondent doesn't want to answer, attempt these strategies:

1. If they don't know, please try to help the respondent estimate. Ask about profit on a typical day, and how many days they were open over the period.

2. If they refuse, remind them we will not share this data with anyone

☐ Confirm, they really do not know

☐ Confirm, they don't want to disclose

☐ No, we can proceed with the question

27. **(If yes)** What was the total **profit** of this enterprise over the ... [hint: Here we mean the amount the business received AFTER paying for expenses for this business, including hired workers, money for household members who helped, purchase of goods for sale or for inputs, such as raw materials, fuel, and electricity, but before purchasing personal items for yourself or your household. If unsure, FR can estimate. Ask in terms of ""commission"" if the FR runs an M-Pesa shop. If the business is co-owned, please report the TOTAL profit of the business, the share of your household.]]

a. **Last 7 days?** ☐ MWK

b. **In the last 30 days?** ☐ MWK

28. **(if joint ownership outside the household/cooperative)** What share of this profit was earned by your household? That is, what was your household's income, net of any expenses, from this business?

a. Last 7 days? ☐ MWK **[CAPI, ensure smaller than above]**

b. In the last 30 days? ☐ MWK **[CAPI, ensure smaller than above]**

29. **(if operating only from 'homestead')** We are now going to ask you some questions about this business' earnings/revenue on a WEEKLY BASIS. Based on what you told us above, your total sales in the last 7 days were [SALES IN LAST 7 DAYS] MWK.

a. Think of the **BEST WEEK** for this business **in the last 30 days**. This is the week where the business sold the MOST. What were the total earnings/revenue of this enterprise in THAT BEST WEEK? *Note: in this instance, "earnings" refers only to revenue, not profit. Only count money in, do not subtract any expenses. Therefore, even if a business is not profitable / loses money, their revenue must be a positive number.* ☐ MWK

b. Think of the **WORST WEEK** for this business **in the last 30 days**. This is the week where you sold the LEAST. What were the total earnings/revenue of this enterprise in

THAT WORST WEEK? *Note: in this instance, “earnings” refers only to revenue, not profit. Only count money in, do not subtract any expenses. Therefore, even if a business is not profitable / loses money, their revenue must be a positive number.*
|____| MWK

CAPACITY UTILIZATION:

30. **(if operating only from ‘homestead’)** Assume this business was operating at FULL PRODUCTION CAPABILITY for 30 days. What would be the total earnings of this business at full production capability over 30 days?

Assume the following conditions:

- *existing machinery and equipment in place and ready to operate*
- *normal downtime*
- *labor, materials, utilities, etc. are fully available*
- *the number of shifts, hours of operation and overtime pay that can be sustained under normal conditions and a realistic work schedule in the long run.*
- *the same product mix as the actual production.*

Amount: |____| MWK

31. **(if operating only from ‘homestead’)** In the previous section, you stated your best guess of this business’ total earnings over the last 30 days as *[TOTAL REVENUE]* MWK. If this business could earn *[ESTIMATED EARNINGS OVER 30 DAYS AT FULL PRODUCTION CAPABILITY]* MWK over 30 days if operating at full production capability, that means this enterprise was operating at *[TOTAL REVENUE / FULL CAPACITY * 100]* % of full capacity over the past 30 days. Does that sound right?

|____| Yes

|____| No, a better value would be: |____| %

Mobile Money

32. **[Not in P1] (if operating only from ‘homestead’)** Does this business accept mobile money? *Note: Mobile money includes any transaction done on the mobile instead of cash, including direct bank transfers done through a mobile phone.* |____| Yes / No

- a. **(if yes)** What proportion of your total sales is sold via mobile money? *Note- Out of 100* |____| %

33. **[Not in P1] (if yes to accepting mobile money)** Which mobile money providers do you accept? *Select all that apply.*

|____| Airtel

|____| TNM

|____| Other: _____

- a. **(if Airtel)** What is your Airtel till number? _____

- b. **(if TNM)** What is your TNM till number? _____

Customers

34. How many customers did this enterprise have **in the last 7 days**? *Note - Enter -88 if the respondent refuses to say and -99 if the respondent does not know*
35. **[Not in P1] (if operating only from 'homestead')** In the last **7 days**, how **many days out of 7 days** has it happened that more customers have come to purchase from this enterprise than you had expected, resulting in you not being able to service all of them / some of the customers left your store without purchasing anything. That is, how many days did you have to turn away customers?
 0 - 7

LABOR

36. How many hours did members of your household work in this enterprise over **the last 7 days**? *Note: Work here means being present in the business, or working for the business, including ordering inventory, planning, etc.*
 [HH member 1]
 ...]
 [HH member N]
37. **(if joint ownership outside the HH / cooperative)** What is the total amount of hours all other owners (excluding owners from within the household) worked in this enterprise over the last 7 days? *Sum across all other owners, and over all 7 days.*
38. How many paid employees **from outside the household** worked in this enterprise **in the last 30 days**? *Enterprise/activity name: [Enterprise Name]*
Do not include owner or co-owner(s).
- a.**[Not in P1] (if any)** How many of these employees...
 are from this village
 from another village in this GVH
 from outside this GVH in Chiradzulu
 from outside Chiradzulu
39. What is the total amount of hours all employees **from outside the household** worked in this enterprise over the last 7 days? *Sum across all other owners, and over all 7 days.*
40. What is the total compensation of all employees **from outside the household in the last 30 days**? *Enterprise/activity name: [Enterprise Name]*
Note: Include any wages, in-kind payments such as food or transport, and other labor costs. If multiple employees, help them add up. MWK
41. How many volunteers / unpaid workers **from outside the household** worked in this enterprise **in the last 30 days**? *Enterprise/activity name: [Enterprise Name]*
Volunteers are unpaid employees.
42. **(if # of volunteers > 0)** What is the total amount of hours all volunteers worked in this enterprise over the last 7 days? *Enterprise/activity name: [Enterprise Name]*
IF CURRENTLY OPERATIONAL Hours

Intermediate Goods / Suppliers

Read: Now, I'd like to talk in more detail about some of the costs and spending that you engage in during the operation of this enterprise. I want to remind you that we are collecting this information only for academic research purposes, and will not share this information with anyone else.

43. STOCK and INVENTORY are items that businesses buy from suppliers and resell to customers.

MATERIALS and SUPPLIES are inputs you use to produce the goods and services that you sell.

In the last 30 days, has this business ever owned any STOCK/INVENTORY or MATERIALS/SUPPLIES? (1=Yes, 2=No, Don't Know, Refuse)

☐ **If YES, continue. If NO, skip to question 1.**

- a. **[Not in P1] (if 43 = yes)** Do you know how much STOCK/INVENTORY/MATERIALS/SUPPLIES this business is holding? *Enter -88 if the respondent refuses to say and -99 if the respondent does not know*
☐ Yes/No/Don't know/Refuse
- b. **(if 43a = yes)** How much is ALL of this business' STOCK/INVENTORY and MATERIALS/SUPPLIES worth today? We mean if you had to replace all of it (in the same condition it is in now), how much would that cost? *FR may estimate. [hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response.]*
☐ MWK
- c. **(if 43 = yes)** Has this business at any time in the **past 30 days** purchased STOCK/INVENTOR or /MATERIALS/SUPPLIES?
☐ Yes/No/Don't know/Refuse

44. **(If 43a = yes and 43c = yes)** What was this business' total expenditure on STOCK/INVENTORY and MATERIALS/SUPPLIES purchased in the last 30 days? ***If inputs/supplies are obtained from their own farm, or cooperative, then they should be priced as a cost at whatever their estimated wholesale price would be.***

[hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response.]

☐ MWK

45. **(if any STOCK/MATERIALS, and operating only from 'homestead')** Where did you source your STOCK/INVENTORY/MATERIALS/SUPPLIES? ***Select all that apply. If inputs/supplies are obtained from their own farm, or cooperative, then they should be priced as a cost at whatever their estimated wholesale price would be.***

- ☐ From my own household / farmstead
- ☐ From a cooperative of growers that I'm a part of
- ☐ From other households/traders

- a. **(if other households/traders)** You said you purchased these from households/traders in other MARKETS or other VILLAGES. Where? *Select all that apply.*

- ☐ Other households/ businesses in this village: [owner village]
- ☐ From a village in Chiradzulu (but not the owner's village)
- ☐ From Blantyre
- ☐ From a market in Chiradzulu
- ☐ From outside Chiradzulu
- ☐ From outside Malawi
- ☐ Other: _____

- b. **(if marketplace in Chiradzulu)** At which market(s) in Chiradzulu did you purchase any STOCK/INVENTORY/MATERIALS/SUPPLIES **in the last 30 days**? Please first enter the TA of each of these MARKETS. Make sure to select the TA for ALL of the markets. At which OTHER markets has this business operated **in the last 30 days**?

- i. What are the TAs of all other MARKETS?

☐ [TA 1]

...

☐ [TA N]

☐ Other

- ii. Which MARKETS ? **Filtered from b.i.**

☐ [Market 1]

☐ ...

☐ [Market N]

☐ Other

- iii. **(if other)** Which other MARKETS (not already mentioned)?

- c. **(if in another village in Chiradzulu)** At which OTHER villages in Chiradzulu has this business operated **in the last 30 days**? Please first enter the TA of each of these VILLAGES. Make sure to select the TA for ALL of the villages.

- i. What are the TAs of all other VILLAGES? *Select multiple.*

☐ [TA 1]

...

☐ [TA N]

☐ Other

- ii. What are the GVHs of all other VILLAGES? **Filtered from 8a.** *Select multiple.*

☐ [GVH 1]

...

☐ [GVH N]

☐ Other

iii. What are the VILLAGES? **Filtered from 8b. Select multiple.**

☐ [village 1]

...

☐ [village N]

☐ Other

iv. **(if other)** Which other VILLAGES (not already mentioned)?

d. **(If other, or outside Chiradzulu):** Which other locations did you purchase stock and supplies from? Other: _____

BUSINESS ASSETS

Read: Now, I'd like to ask you a few questions about the physical and financial assets of this enterprise and its recent investments into such assets.

46. **Read:** Investment is spending on assets, including buildings, vehicles, tools, machines, etc. in order to grow your business and achieve future sales. DO NOT include maintenance, repair, or the purchase of intermediate goods or materials we already talked about above.

What was this business' total investment in the:

a. Last 30 days? ☐ MWK

b. Last 12 months? ☐ MWK

47. **[Not in P1]** Does **this business** currently have any outstanding loan from a commercial bank, commercial lender, or a MFI for this business activity (**exclude personal/private loans not for this business**)? (1=Yes, 2=No) ☐

a. **[Not in P1]** What is the total amount your business currently owes all these commercial lenders combined? MWK

b. **[Not in P1]** What is the total amount your business made in loan payments (interest payments or loan repayments) to these commercial lenders in **the last 30 days**? MWK

48. **[Not in P1]** Does **this business** currently have any outstanding loans from a moneylender (**exclude personal/private loans not for this business**)? (1=Yes, 2=No) ☐

a. **[Not in P1]** What is the total amount your business owes all these moneylenders combined? MWK

b. **[Not in P1]** What is the total amount your business made in loan payments (interest payments or loan repayments) to these moneylenders in the **last 30 days**? MWK

49. **[Not in P1]** Does **this business** currently have any outstanding loans from a ROSCA/Savings associations/merry-go-rounds that you use for this business (**exclude personal/private loans not for this business**)?

- a. [Not in P1] What is the total amount your business owes all ROSCA/savings associations/merry-go-rounds combined? MWK
- b. [Not in P1] What is the total amount your business made in loan payments (interest payments or loan repayments) to these ROSCAs/savings associations/merry-go-rounds in the **last 30 days**? MWK
50. [Not in P1] Does **this business** currently have any outstanding loans from friends, family, relatives, etc that you use for this business? (**exclude personal/private loans not for this business**)
- a. [Not in P1] What is the total amount your business owes all friends/family/relatives/etc. combined? MWK
- b. [Not in P1] What is the total amount your business made in loan payments (interest payments or loan repayments) to these friends/family/relatives/etc. in the **last 30 days**? MWK
51. Does this business own or rent any buildings or premises (include buildings, stalls, warehouses, etc.)? *Select all that apply.*
- ☐ owns buildings/premises
- ☐ rents buildings/premises
- ☐ none
- a. **(if own)** How much would it cost to rent similar buildings/stalls/premises to the ones you own?
- MWK
- per day / week / month / year?
- b. **(if rent)** How much do you pay to rent for all the buildings/stalls/premises?
- Exclude market fees.* MWK
- per day / week / month / year?
52. [Not in P1] Does this enterprise own or rent any furniture (e.g. tables, chairs, etc.). DO NOT include stalls or buildings already mentioned? *Select all that apply.*
- ☐ owns furniture
- ☐ rents furniture
- ☐ none
- a. [Not in P1] **(if own)** What is the total value of all the furniture that your business owns?
- MWK
- b. [Not in P1] **(if rent)** How much did you spend on rent for **all your furniture in the last 30 days**? MWK
- MWK
- per day / week / month / year?
53. Does this enterprise own or rent any vehicles (including larger vehicles like trucks and cars, or smaller vehicles like bicycles and carts)?

- ☐ owns vehicles
☐ rents vehicles
☐ none

- a. [Not in P1] (if own) What is the total value of all the vehicles that your business owns?
 MWK
- b. [Not in P1] (if rent) How much did you spend on rent for **all your vehicles in the last 30 days**? MWK

54. (if owns / rents in vehicles) You said that this business owns or rents-in vehicles (including larger vehicles like trucks and cars, or smaller vehicles like bicycles and carts). I would now like to know more about each of these vehicles. List up to 3, in order of their importance to your business.

LOOP through each vehicle (max 3) {

- a. What kind of vehicle is this vehicle #1/2/3:
☐ Truck
☐ Bus /minibus
☐ Car
☐ Motorcycle
☐ Bicycle
☐ Boat
☐ Scooter
☐ Cart
☐ Wheelbarrows
☐ Other: _____
- b. Do you own or rent this vehicle? *Select all that apply.*
☐ Owns and uses for this business
☐ Owns and rents out to others
☐ Rents in for business use
- c. (if owns and uses for this business) How many hours and minutes was this vehicle in use the last market day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this vehicle, actively doing work that is directly related to this enterprise, for example using the vehicle in production, customer outreach, deliveries, purchases of inputs, etc. Do not include use primarily for private purposes such as commuting, personal travel, dropping of children at school, etc. Consider when the vehicle was in use for that whole day, not just when the FR was present.* hours minutes
- d. (if owns and rents out to others) For how many hours and minutes was this vehicle rented out to others the last market day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this vehicle, actively doing work that is directly related to this enterprise, for example using the vehicle in production, customer outreach, deliveries, purchases of inputs, etc. Consider when the vehicle was in use for that whole day, not just when the FR was present.*

|_|hours |_| minutes

- e. **(if rents in)** For how many hours and minutes did this business rent in this vehicle the last market day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this vehicle, actively doing work that is directly related to this enterprise, for example using the vehicle in production, customer outreach, deliveries, purchases of inputs, etc.* |_|hours |_| minutes

} end of LOOP through vehicles

55. Does this enterprise own or rent any machines/tools or electronics?

|_| owns machines/tools/electronics

|_| rents machines/tools/electronics

|_| none

- a. **[Not in P1] (if own)** What is the total value of all the machines/tools/electronics that your business owns?

|_| MWK

- b. **[Not in P1] (if rent)** How much did you spend on rent for **all your machines/tools/electronics in the last 30 days?** |_| MWK |_| Yes / No

56. **(if owns or rents in machines/tools or electronics)** You said that this business owns or rents-in machines or tools or electronics. I would now like to know more about each of these machines or tools or electronics. List up to 3, in order of their importance to your business.

LOOP through each machine/tool/electronic (max 3) {

- a. Describe machine/tool/electronic #1/2/3: _____

- b. Do you own or rent in this machine? *Select all that apply?*

|_| Owns and uses for this business

|_| Owns and rents out to others

|_| Rents in for business use

- c. **(if owns and uses for this business)** How many hours and minutes was this machine in use the last day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this machine , actively doing work that is directly related to this enterprise, for example using the machine in production, customer outreach, deliveries, purchases of inputs, etc. Do not include use primarily for private purposes such as commuting, personal travel, dropping of children at school, etc. Consider when the machine was in use for that whole day, not just when the FR was present.* |_|hours |_| minutes

- a. **(if owns and rents out to others)** For how many hours and minutes was this machine rented out to others the last day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this machine , actively doing work that is directly related to this enterprise, for example using the machine in production, customer outreach, deliveries, purchases of inputs, etc. Consider when the machine*

was in use for that whole day, not just when the FR was present. hours minutes

- b. **(if rents in)** For how many hours and minutes did this business rent in this machine the last day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this machine, actively doing work that is directly related to this enterprise, for example using the machine in production, customer outreach, deliveries, purchases of inputs, etc.* hours minutes

} end of LOOP through each machine/tool/electronic

BUSINESS COSTS

57. **[Not in P1] (if operating only from the 'homestead') In the last 30 days**, did you pay any other bribes or fees related to operating your business? *Exclude any expenses not related to this particular business.* Yes / No / refuse to answer

- a. **[Not in P1] (if yes)** How much did you spend in other bribes or fees **in the last 30 days?**
 MWK

58. **[Not in P1] (if operating only from the 'homestead') In the last 30 days**, how much did you spend on... related to operating your business? *Exclude any expenses not related to this particular business.*

security / guards
 storage / warehousing / etc.
 advertising, gaining or reaching customers
 banking / mobile money fees

59. **[Not in P1] (if operating only from the 'homestead') In the last 30 days**, did you experience any theft, vandalism, or destruction through natural causes (e.g. flooding, wind, etc.) related to this business? *Select all that apply. Exclude any expenses not related to this particular business.*

theft, what was the total cost to your business MWK: _____
 vandalism, what was the total cost to your business MWK: _____
 flooding, what was the total cost to your business MWK: _____
 wind/storm, what was the total cost to your business MWK: _____
 heavy rain, what was the total cost to your business MWK: _____
 drought, what was the total cost to your business MWK: _____
 other, what was the total cost to your business MWK: _____

Prices, Quality and Markups (if operating only from 'homestead')

Read: Now, I would like to ask you some questions about this business' most common products and prices.

60. What is the most important product/service that this business currently sells in terms of revenue?
 Select the item category.

|____| Other: specify _____

61. What is the most common quantity that this business sells of [COMMON PRODUCT 1]?

For example, if it most commonly sells 1/4 kilo of sugar, indicate .25 for 'Quantity' and kilo for 'unit'.

- a. Quantity _____
b. Unit [select one], Other: specify _____

62. How many [QUANTITY] [UNIT] of [COMMON PRODUCT 1] did this business sell in the **last 7 days**?

63. [In P1 we asked about last 7 days] What is the price of [QUANTITY] [UNIT] of [COMMON PRODUCT 1] **today**?

64. [Not in P1] What do you expect the market (average) price of [COMMON QUANTITY] [UNIT] of [COMMON PRODUCT 1] will be **in 30 days from now** (after one month)? Put -88 for refuse to answer, -99 for don't know. |____| MWK

65. **Read: Now we would like to understand what you would do to grow your business.**

You said that this business sold [S7Q4 UNITS SOLD] units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] in the last 7 days. Suppose that next week, you wanted the business to sell 10% more of [COMMON PRODUCT 1]. That would mean selling [10% * S7Q4 UNITS SOLD, rounded to nearest unit] more units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1].

Think carefully about what that would entail, what you would need to procure, and where/who you might be able to sell those additional [FACTOR * S7Q4 UNITS SOLD] units.
Take a minute to carefully think through this.

- a. The current price of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] is [CURRENT PRICE 1] MWK. If you sold 10% more of [COMMON PRODUCT 1], at what price could you sell [10% * S7Q4 UNITS SOLD, rounded to nearest unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] for? Please state the price of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1]: Do NOT state the price of all units total. |____| MWK
- b. [Not in P1] (50% probability, get detail) Please provide details on the following costs the business would incur in order to produce [10% * S7Q4 UNITS SOLD, rounded to nearest unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1]:
- i. Additional hours worked / present at premises of the owner: |____| hrs
 - ii. Additional wages paid for additional worker hours: |____| MWK
 - iii. Additional materials / supplies / utilities: |____| MWK
 - iv. Additional land, buildings, machinery, tools, etc.: |____| MWK
 - v. Additional marketing: |____| MWK
 - vi. Additional other costs (taxes, market fees, transport, anything else, etc.) |____| MWK
- c. (50% probability, get summary question) What would be the additional cost involved in producing / procuring [10% * S7Q4 UNITS SOLD, rounded to nearest

unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] ? Please do not consider costs this business already incurs. For example, if you could produce those additional units on your existing premises, with existing workers, DO NOT include rent / wages you are already paying. If, on the other hand, you would need to rent a new building or machine, hire more workers, or hire existing workers for more hours, make more trips to the market, etc. then DO include such costs. DO include purchases of intermediates, or goods and services for resale.

|____| MWK

66. What do you think is the additional profit you would make from selling *[10% * S7Q4 UNITS SOLD, rounded to nearest unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1]?* |____| MWK

} END LOOP THROUGH BUSINESS

Section 8 - Employment: Current and History

1. **In the past 12 months, that is, since [month] of [year],** were any members of your household employed, working for pay? By this, we mean any work for money for someone outside the household, including casual work for other households, businesses, agricultural or non-agricultural. *Probe FR as to whether any members of the household are casual laborers, including casual labor for pay on someone else's farm or casual labor in other industries.*
(1=Yes, 2=No, -77=DK) ☐
If YES, skip to question 2. If NO, continue.
2. In the past 12 months, were any members of your household working as a volunteer, intern or an attachment, with either no pay or only occasional pay? *This includes working voluntarily for a relative who is not a member of the FR's household.* (1=Yes, 2=No, -99=FR is not employed/volunteering and does not know about other household members) ☐
If YES, continue. If NO, skip to UNEMPLOYMENT
3. **[Not in P1] (if no to both here and yes at census)**

Warning: During the census, this household reported that household members were employed, working for pay for someone else.

The primary occupation was in: [occupation]

Please prompt carefully.

Read: Now I would like to learn about what jobs members of your household **currently hold or held over the last 12 months, that is, since [month] of [year],** including both paid and unpaid jobs (and internships and attachments), starting with your household's most important position. Please count as a job any work for pay on another person's farm. Please do not include public works. Please do not include self-employment positions in your answer. If you work(ed) for multiple employers in the same job / occupation (e.g. agricultural laborer on different farms), consider this ONE position.

I would like to remind you that all answers you give will be kept as confidential as possible, we're an independent organization and the information you provide won't have any effect on other programs.

4. Which members of your household **currently work for pay or were employed for pay over the last 12 months?** *Select all that apply from the household roster. Prompt several times. Please also include children / child labor, and prompt for it.*
☐ [HH member 1]
☐ ...
☐ [HH member N]

FO: Ask about each household member in turn. If the relevant household member is present, proceed directly with that HH member. Otherwise, try to get information from the FR. {

Read: Let's talk about [NAME].

5. Who is providing information on [name]?
☐ [Name]
☐ FR, not [name]
☐ Other household member

6. **Read:** *Think of all the employed positions of this person in the last 12 months. In the last 12 months, how many employed positions did this person have?*

**If [number of employed positions] > 3: LOOP through the 3 most important positions
LOOP through each employed position of this person. Begin with the most important one. {**

Read: *I will now ask about each of these positions for [HH Member Name] in turn.*

Begin with the most important one / the one where this person spent the most hours working

Questions	Codes	A: Employed position #1	B : Employed Position #2	C : Employed Position #3
7. In what occupation is this work? <i>Note: This should include casual labor. Even if this is casual labor, please try to capture the type of work that they did.</i>	Use G9 codes (-99=DK)	 Other:	 Other:	 Other:
8. [Not in P1] (if work for another business) What is the primary sector of [name]'s small business employer? <i>By primary sector category, we mean the main sector of activity. If there are multiple sectors select the main one</i> a. [Not in P1] What is the primary enterprise category of [name]'s small business employer? <i>By primary enterprise category, we mean the main thing that a business is doing. You may select multiple, but do not list any small side activities, but only the main ones. Select all that apply.</i>	Use Industry codes (same as self-emp)	 Other:	 Other:	 Other:
9. Where is [name]'s employer located?		☐ this village ☐ Chiradzulu market centre ☐ other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu ☐ Refuse to say ☐ Dont'know	☐ this village ☐ Chiradzulu market centre ☐ other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu ☐ Refuse to say ☐ Dont'know	☐ this village ☐ Chiradzulu market centre ☐ other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu ☐ Refuse to say ☐ Dont'know

10. (if Chiradzulu market center) At which market(s) in Chiradzulu? <i>Select one.</i> Please select the MAIN market. Please first enter the TA of this MARKET. a. What is the TA of the MARKET? [TA 1] ... [TA N] Other b. Which MARKET ? Filtered from b.i. [Market 1] ... [Market N] Other c. (if other) Which other MARKET (not already mentioned)? _____		[market 1] ... [market N]	[market 1] ... [market N]	[market 1] ... [market N]
11. (if in another village in Chiradzulu) In which OTHER village in Chiradzulu? Please first enter the TA of each of this VILLAGE. a. What are the TAs of all other VILLAGES? <i>Select multiple.</i> [TA 1] ... [TA N] Other b. What are the GVHs of all other VILLAGES? Filtered from 8a. Select multiple. [GVH 1] ... [GVH N] Other		TA GVH village	TA GVH village	TA GVH village

c. What are the VILLAGES? Filtered from 8b. Select multiple. ☐ [village 1] ... ☐ [village N] ☐ Other d. (if other) Which other VILLAGE (not already mentioned)? _____				
12. (if outside Chiradzulu) Where outside Chiradzulu?		_____	_____	_____
13. [Not in P1] What is the name of [name]'s employer?				
14. [Not in P1] What is [name]'s employer's gender?				
15. [Not in P1] What is the [name]'s employer's age (in years)?				
16. [Not in P1] Which of the following households is [name]'s employer?				
17. [Not in P1] Aside from working for them, what is [name]'s relationship to the employer?				
18. In what month and year did [HH Member Name] start this job?	(MM/YYYY)	LL/LL/LL/LL	LL/LL/LL/LL	LL/LL/LL/LL
19. Is [name] still working this job				
20. In what month and year did [HH Member Name] end this job?	(MM/YYYY)	☐ current job LL/LL/LL/LL	☐ current job LL/LL/LL/LL	☐ current job LL/LL/LL/LL
21. In the last 12 months, which months did [name] work in this position? Include all months for which this person worked during some part of the month.		☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec	☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec	☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec
22. This position's working patterns could be best described as:	1 = Full time 2 = Part time 3 = Seasonal 4 = Casual (Ganyu)	☐ Other: _____	☐ Other: _____	☐ Other: _____

	5= Other (specify)			
23. (if current job) How many hours did [name] work at this job during the last 7 days? (if past job) How many hours did [name] work at this job in a typical 7-day period?		____ hours	____ hours	____ hours
24. (if current job) What was the amount of [name]'s <u>cash salary</u> in the past 30 days? Ask for pre-tax salary, where applicable. (if past job) What was the amount of [name]'s cash salary in a typical 30 day period?		Amount: ____ Currency if NOT MWK: ____ Other: _____	Amount: ____ Currency if NOT MWK: ____ Other: _____	Amount: ____ Currency if NOT MWK: ____ Other: _____
25. In the last 30 days, what was the total value of any other benefits that [name] received for this job, including: a. payment in kind in food? b. health insurance? c. Housing benefits? d. uniforms / clothing benefits? e. training allowance? f. other allowances and benefits? FR can estimate if unsure.		MWK ____	MWK ____	MWK ____

26. **[IF number of positions > 3]** How much did [HH member name] earn in the last 12 months from any other paid wage employment not already mentioned?

} END LOOP through selected household members.

UNEMPLOYMENT

27. Which household members, including you, are currently looking for a job? *This includes those who are working but who are trying to find additional work.*

|____| [HH member 1]

|____| ...

|____| [HH member N]

If NO ONE chosen, skip to question 24. If any is chosen, continue to 23.

28. If opportunities to work exist, who among them would be ready to work for pay or profit in the next 30 days? **CAPI: FILTER TO THOSE SELECTED in 22**

|____| [HH member 1]

|____| ...

|____| [HH member N]

29. **(if FR NOT selected in 22, OR NOT selected in 23)** Why would you not be ready to work for profit the next 30 days? *Use F8 Codes.* |____|

30. **(if FR selected in 22) During the last 7 days**, how many hours did you spend actively searching for jobs, applying for jobs, or in interviews? |____|

*** G9 codes - Occupation**

- ☐ Agriculture: for another household
- ☐ Agriculture: agri-business
- ☐ Livestock: for another household
- ☐ Livestock: agri-business
- ☐ Domestic worker
- ☐ Security guard / soldier / police
- ☐ Cleaner/Housekeeping/Janitor
- ☐ Construction worker
- ☐ Factory worker
- ☐ Driver
- ☐ Teacher
- ☐ Nurse
- ☐ Health worker
- ☐ Teacher
- ☐ Doctor
- ☐ Lawyer
- ☐ Office clerk / administration
- ☐ Government administration: Village Headman, GVH headman, village official, etc.
- ☐ Religious profession: priest, etc.
- ☐ Work for a small business, owned by another household
- ☐ Other: _____

Industry – same list as above

F8 codes

- 0 In Education
- 1 Unavailable Due To Personal Commitments.
- 2 Not Currently Seeking Work.
- 3 Focusing On Personal Development Or Non-Profit Activities.
- 4 Taking A Break Or On A Sabbatical.
- 5 Financial Stability Or Alternative Income Sources.
- 6 Currently Pursuing Education Or Academic Studies.
- 7 Permanently sick or disabled
- 8 Other Health-Related Reasons.
- 8 Career Transition Or Exploration.
- 9 Engaged In Personal Projects Or Ventures.
- 10 Temporary Retirement Or Sabbatical.
- 11 Insufficient Language Skills
- 12 Doing unpaid housework, looking after children or other persons
- 13 In military service
- 14 In community service
- 99 Other (Specify): _____

Section 9 - Time Use

Read: Now I would like to ask you some questions about time spent doing some activities.

1. In **the last 7 days**, how many hours have you spent...
 - a. ... doing household chores for your household inside your home? *By household chores, I mean activities such as cleaning, dusting, sweeping, washing dishes or clothes, ironing, slashing, etc. Do not include time spent on childcare.*
 - b. ... fetching water for your household?
 - c. ... fetching firewood for your household?
 - d. ... on childcare duties for your household?
 - e. ... taking care of other family members, such as the elderly or ill members of your household
 - f. ... on religious activities
2. In **the past 12 months**, how many hours have you provided volunteer or unpaid labor for any community projects or activities, for example, helping out with building local public projects such as water points, irrigation, roads, etc.?

Section 11 - Transfers and Government Assistance

Read: Now, I would like to ask about any other assistance your household has received, from governments, political leaders, churches, NGOs, and other organisations etc. DO NOT count private individuals (which were already covered above). By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home.

Remember, your answers to the following questions will not be used to determine potential assistance or support and will not be shared with anyone. Not the government, no NGO, nor any other organisation or individual.

1. **[Not in P1] Government programs:** Is any member of your household participating in or benefitting from any of the following **government programs** in the **last 12 months**?
☐ Social Cash Transfer Programme (SCTP) known locally as "Mtukula Pakhomo"
☐ Climate smart enhanced public works program
☐ Schools Meals Programme (SMP)
☐ None of the above
☐ Refuse to answer
☐ Don't know
 - a. **(if SCTP)** What is the total value of the cash benefit you received from the Social Cash Transfer Programme **in the last 12 months** (MWK)? *Assist the respondent in summing across months. Include BOTH cash and in kind, estimate the value of the in-kind transfers.*
 - b. **(if public works)** Who in your household worked on the Climate smart enhanced public works program **in the last 12 months**? *Select all that apply.*
☐ [HH member 1]
...
☐ [HH member 2]
 - c. **(if public works)** In the last 30 days, how many days did each household member work on the climate smart enhanced public works program? *SurveyCTO: Repeat for each selected household member.*
 - d. **(if public works)** In the **last 12 months**, how much in total were all members of the household paid for working on the climate smart enhanced public works program (MWK)?
- ENUMERATOR: HELP THE RESPONDENT CALCULATE ACROSS MONTHS AND HOUSEHOLD MEMBERS!**
2. Has your household received any food aid **in the past 12 months**, from the government, churches, representatives, NGOs, other organisations, etc., NOT ALREADY MENTIONED? *Select multiple. Note: The recall period here is 12 months. You may have to help respondents think through this carefully.*
☐ Yes, in-kind food
☐ Yes, food vouchers
☐ No
☐ Don't know

☐ Refuse to answer

- a. **(if in-kind)** How many Kgs of the following items did you receive in food aid in the last 12 months?(from the government, churches, representatives, NGOs, other organisations, etc.)? **READ ALL.**

☐ Rice, Quantity: [Unit]

☐ Maize, Quantity: [Unit]

☐ Sorghum, Quantity: [Unit]

☐ Other/Fortified cereal (e.g. Likuni phala, super cereal plus), Quantity: [Unit]

☐ Pulses, Quantity: [Unit]

☐ Vegetable Oil, Quantity: [Unit]

☐ Salt, Quantity: [Unit]

☐ Other: _____

- b. **(if any in-kind)** What is the total market value of the **in-kind food aid** you received, were you to sell it in the market?

i. in the last 12 months? MWK

- c. **(if vouchers)** How much is the total value of the **VOUCHERS** you received?

i. in the last 12 months? MWK

- d. Who did you receive this aid from? *Select all that apply. Do not read options below.*

0 = Give Directly

1 = A government program (not a particular individual)

2 = The church/mosque/place of worship

3 = An NGO

4 = The current ward councillor

5 = The current Member of Parliament

6 = Other current politician

7 = Any past politician or aspirant politician, including those running for office

8 = a community group household is part of

9 = village fundraiser

-77 = other local leader(specify)

- e. Please give us the names of the government programs, NGOs, churches, local leaders, organisations that provided this aid: *Note: FO, prompt for all those mentioned before.*

Please enter names separated by a ","

3. Has your household received any other in-kind NON-FOOD aid **in the past 12 months** from the government, churches, representatives, NGOs, other organisations, etc.that has NOT ALREADY BEEN MENTIONED? **For example, clothing, mosquito nets, soap, mattresses, lamps, furniture, and other household items, etc..** DO NOT include cash transfers.

☐ Yes

☐ No

☐ Don't know

☐ Refuse to answer

- a. **(if any) What** is the total market value of the in-kind NON-FOOD aid you received, were you to sell it in the market?

i. **in the last 30 days?** MWK

ii. in the last 12 months? MWK

b. Who did you receive this aid from? *Select all that apply. Do not read.*

0 = Give Directly

1 = A government program (not a particular individual)

2 = The church/mosque

3 = An NGO

4 = The current ward councillor

5 = The current Member of Parliament

6 = Other current politician

7 = Any past politician or aspirant politician, including those running for office

8 = a community group household is part of

9 = village fundraiser

-77 = other local leader(specify)

d. Please give us the names of the government programs, NGOs, churches, local leaders, organisations: *Note: FO, prompt for all those mentioned before.*

4. In the past 12 months, has your household received any **cash transfers** from any organization, including government, NGOs, church, etc that was not already mentioned?
 Yes/No

a. (if any) From who? **Enumerator: DO NOT READ OUT LOUD. Select multiple.**

0 = GiveDirectly

1 = A government program (not a particular individual)

2 = The church/mosque

3 = An NGO

4 = The current ward councillor

5 = The current Member of Parliament

6 = Other current politician

7 = Any past politician

8 = a community group household is part of

9 = village fundraiser

-77 = other local leader(specify)

b. What is the total value of cash received from all these other sources combined (please add in-kind estimates in MWK)...?

in the last 12 months

5. [Not in P1] Are you or anyone in your household part of a cooperative/farmer group under the Shire Highlands Milk Producers Association (SHMPA)? ynr
6. [Not in P1] (If yes) In the last 12 months, which of the following benefits have you or your household personally received? (select all that apply)
- ☐ A calf (offspring from the group cows)
- ☐ Access to milk for household consumption
- ☐ Income from milk sales through the group
- ☐ Other (specify:)
- ☐ None

- ☐ Don't know
- ☐ Refuse to answer

7. [\[Not in P1\]](#) Loop over answers to 6. {

In the past 12 months, what is the total value of any [benefit] you have received (MWK)?

- ☐ Calf
- ☐ Milk for household consumption
- ☐ Income from milk sales through the group
- ☐ Other (specify: _____)
- ☐ Don't know
- ☐ Refuse to answer

}

Section 12 - Health and Nutrition

READ: The questions in the following sections are more personal. We therefore politely ask all other household members to leave. Please try to ensure the privacy of the FR.

Now I would like to ask you some questions about your health and nutrition. Please remember that you do not have to answer any questions you do not want to.

1. How many meals did you have yesterday?

	In the last 7 DAYS, how many days have ADULTS in your household...	(if any children) In the last 7 DAYS, how many days have CHILDREN (<16) in your household...
2. ...gone to bed hungry?	a.	b.
3.skipped meals or cut the amount of meals?	a.	b.
4.gone entirely without food?	a.	b.

5. Would you describe your general health as very good, somewhat good, or not good? (1=Very Good, 2=Somewhat good, 3=Not good, DON'T READ: -88=Refuse to answer)

If 2 or 3, continue. OTHERWISE, skip to question 7.

6. (If not "very good") Would you describe your general health as somewhat good, poor or very poor? (1=Very Good, 2=Somewhat good, 3=Not good DON'T READ: -88=Refuse to answer)

7. Now I'm going to ask you some questions on your health that in some way may touch your private life. You may have experienced some of these illnesses or not. Please let me know if you have experienced any of these illnesses or symptoms in the last three months

Read options. Indicate all that apply. (1=Yes, 2=No, 3=DK what that symptom / illness is)

(A) Fever		(M) Malaria	
(B) Persistent cough		(N) Typhoid	
(C) Always feeling tired		(O) Tuberculosis	
(D) Stomach pain		(P) Sores or ulcers on the genitals	
(E) Worms		(Q) Cholera	
(F) Blood in stool		(R) Yellow fever	
(G) Rapid weight loss		(S) Asthma / breathlessness at night	
(H) Frequent diarrhea		(T) Frequent and excessive urination	
(I) Skin rash or irritation		(U) Constant thirst / increased drinking of fluids	
(J) Open sores / boils		(V) Diabetes	
(K) Difficulty Swallowing		(W) A symptom of a sexually transmitted infection	
(L) Serious wound or injury		(X) High blood pressure / hypertension	
		(Y) Other (specify): _____	

8. During the last 30 days, how much did you pay in total (in MKW) for hospital / clinic medical care (not including medicines)? If payment was in kind, please ask respondent to estimate in MKW. If you received services for free please respond zero. Only include payment for the FR's own medical care, not that of a family member or friend. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero MKW.	MKW
9. During the last 30 days, how much did you pay in total (in MKW) for modern medicines to treat a health problem? If payment was in kind, please ask respondent to estimate in MKW. If you received services for free please respond zero. Only include payment for the FR's own medical care, not that of a family member or friend. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero MKW.	MKW
10. In the last 12 months, have you experienced any major health problems or injuries that seriously affected your life or work? (1=Yes, 2=No, -97=Refused)	
11. (If any) What sort of health problem was this? Use H1 codes. Select multiple. a. (if any) Please describe, in your own words, what the health problem was? CODERS: Make mandatory field.	
12. (If yes) What actions did you take to address the illness? <i>Select all that apply.</i> ☐ Visited a doctor or medical professional (including Health Surveillance Assistants) ☐ Took prescribed medication ☐ Took over-the-counter medication ☐ Used traditional or home remedies (herbal medicine, soups) ☐ Visited a traditional or spiritual/faith healer or herbalist ☐ Rested without taking medication ☐ Did not take any action ☐ Other actions (If other) Describe how the illness was addressed	
13. (If 12 != Visited... OR 12!= Took prescribed... OR 12!= Took over...) Why did you not seek a doctor or medical professional or seek out medicine (prescribed or over-the-counter)? <i>Select all that apply.</i> ☐ Illness was not considered serious enough ☐ Too costly (including medical fees, loss of income, and transportation costs) ☐ Too far	

☐ Doctor or medicine were not available ☐ Does not trust or understand doctors or treatment ☐ Perceives medical services as poor quality (poorly qualified medical professionals or inadequate medical equipment) ☐ Did not get permission to seek doctor or treatment ☐ Too unsafe ☐ Prefers other actions (traditional or home remedies or traditional or spiritual healer) ☐ Other reason ☐ Don't know/prefer not to say (If other) Describe why you didn't seek a doctor, medical professional or medicine 	
14. During the past 30 days, how many <u>days</u> of work or housework or school did you miss due to poor health? (0=None, -98=N/A)	

H1 codes.

Malaria.....1	Hypertension.....15
TB.....2	Headache.....16
Yellow fever.....3	Diabetes.....17
Typhoid.....4	Guinea worm.....18
Cholera.....5	Dysentery.....19
Diarrhea.....6	Scabies.....20
Meningitis.....7	Ringworm.....21
Chicken pox.....8	Hepatitis b.....22
Pneumonia.....9	Ulcer/stomach pain...23
Common cold.....10	Eye problem...24
Injury.....11	Tooth problem.....25
Stress.....12	Body pains.....26
Flu.....13	Body swell/wound.....27
Heart problem.....14	Kidney problem.....28
	Other..... -99

Read. We now want to ask you questions about whether anyone in your household faces difficulty with common tasks.

Washington Group Short Set on Disability. 1=No-no difficulty 2=Yes-some difficulty 3=Yes-a lot of difficulty 4=Cannot do at all -97=Refuses to answer	
13. Which household members have difficulty seeing, even if wearing glasses?	☐ [HH member 1] ☐ ... ☐ [HH member N]
14. Which household members difficulty hearing, even if using a hearing aid?	☐ [HH member 1] ☐ ... ☐ [HH member N]

15. Which household members have difficulty walking or climbing steps?	☐ [HH member 1] ☐ ... ☐ [HH member N]
16. Which household members have difficulty remembering or concentrating?	☐ [HH member 1] ☐ ... ☐ [HH member N]
17. Which household members have difficulty with self-care such as washing all over or dressing?	☐ [HH member 1] ☐ ... ☐ [HH member N]
18. Using your usual language, which household members have difficulty communicating, for example understanding or being understood?	☐ [HH member 1] ☐ ... ☐ [HH member N]

Section - 13 Internal constraints

Read: Now I would like to ask about your mental health and wellbeing as well as your aspirations and expectations about the future. Please remember that you do not have to answer any questions you do not want to.

13.1 Mental health

(PHQ-2 - Depression) Over the last 2 weeks, how often have you been bothered by the following problems? 0 = Not at all 1 = Several days 2 = More than half the days 3 = Nearly every day	
1.1 Little interest or pleasure in doing things	__
1.2 Feeling down, depressed, or hopeless	__

IF PHQ-2 TOTAL SCORE EXCEEDS 2 (greater than or equal to 3): (PHQ-8 - Depression) Over the last 2 weeks, how often have you been bothered by the following problems?	
1.3 Trouble falling asleep, staying asleep, or sleeping too much	__
1.4 Feeling tired or having little energy	__
1.5 Poor appetite or overeating	__
1.6 Feeling bad about yourself — or that you're a failure or have let yourself or your family down	__
1.7 Trouble concentrating on things, such as reading the newspaper or watching television	__
1.8 Moving or speaking so slowly that other people could have noticed. Or, the opposite — being so fidgety or restless that you have been moving around a lot more than usual	__

(GAD-2 - Anxiety) Over the last 2 weeks, how often have you been bothered by the following problems? 0 = Not at all 1 = Several days 2 = More than half the days	
---	--

3 = Nearly every day	
1.1 Feeling nervous, anxious, or on edge	__
1.2 Not being able to stop or control worrying	__

13.2 Aspirations and expectations

	Question	Options
1.	Read: Monthly income is the amount of CASH income you earn from all agricultural and non-agricultural activities, and money from Mtukula Pakhomo or other government or NGO programmes.	
a	What is the minimum monthly income a household in your village can earn?	__ MWK
b	What is the maximum monthly income a household in your village can earn?	__ MWK
c	What is the level of monthly household income that you would like to achieve in the next 10 years?	__ MWK
d	What is the level of monthly household income that you think you will reach in the next 10 years?	__ MWK
2.	Enumerator: please ask about formal education. If the oldest child has a disability, please ask about the next child. If the person doesn't have a child currently, enter NA (-99)	
a	Think of the child in your household that is closest to the age of 14. What is this child's name?	
b	What is the current level of education of [child]?	List A
c	What level of education do you hope [child] will achieve in the next 10 years?	List A
d	What level of education do you think [child] will achieve in the next 10 years?	List A
e	[Not in P1] In 20 years from now, what occupation do you hope for [child]him/her/them to be working in ideally?	Occupation codes

Note: We would like to go through a thought experiment. This is purely hypothetical, and serves as a way for you to think about spending priorities. Imagine you won the lottery and the prize money was around 1 million MWK. How would you anticipate spending it? Suppose we divided the money into ten equal portions. How many portions would you spend on each of the following categories?

Make sure that a total of ten portions are reported. Go back to the respondent and encourage them to make sure the portions sum to ten if they do not.

You can enter decimal numbers if needed. **CODE VERIFY SUM(5:17==10)**

1. Purchasing food |____|
2. Purchasing other non-food non-durable items and services |____|
3. Purchasing agricultural assets, like livestock |____|
4. Purchasing non-agricultural assets, like building materials |____|
5. Expenditure on education (education-related non-food items and services) |____|
6. Medical expenses |____|
7. Starting a new business |____|
8. Investing in your business |____|
9. Saving |____|
10. Paying off any debts you have |____|
11. Sharing it with other people, such as family |____|
12. Migrating (moving location) |____|
13. Other |____|,

(if total !=10) The total number of portions reported was **\${s13_share_sum}**. The expected number of portions is **10**. Please check the previous responses.

Note, this is fine if the respondent reported that they don't know (-99) or refuse to answer (-88) as these values are included in the sum.

If Other: What else would you spend it on? |____|

13.3 Self-Efficacy/Locus of control

Read: We will now read out some statements. Rate how much you agree with the statements, where 1 = Not at all true, 2 = Hardly true, 3 = Moderately true, 4 = Exactly true	
1.1 I can always manage to solve difficult problems if I try hard enough	____
1.2 If someone opposes me, I can find the means and ways to get what I want.	____
1.3 It is easy for me to stick to my aims and accomplish my goals.	____
1.4 I am confident that I could deal efficiently with unexpected events.	____
1.5 Thanks to my resourcefulness, I know how to handle unforeseen situations.	____
1.6 I can solve most problems if I invest the necessary effort.	____

1.7 I can remain calm when facing difficulties because I can rely on my coping abilities.	
1.8. When I am confronted with a problem, I can usually find several solutions.	
1.9 If I am in trouble, I can usually think of a solution	
1.10 I can usually handle whatever comes my way.	

13.4 Financial Stress

- [Not in P1] On a scale from 1 to 5, how concerned are you about your household's current financial situation?

Not worried

A little worried

Worried

Very worried

Extremely worried
- [Not in P1] In a typical workday in the past week, how many hours of your **working** time did you feel distracted by your financial stress? If you are not sure, please estimate.

hours (restrict between 0 - 12)
- [Not in P1] On the days last week when you **did not** work, how many hours did you spend thinking about and dealing with issues related to your household's finances?

hours (restrict between 0 - 12)
- [Not in P1] How frequently do financial worries interfere with your ability to complete work tasks effectively?

Never

Rarely

Sometimes

Often

Always

Section 14 - Female Empowerment / IPV

Read: Now I would like to ask about the roles of people within your household.

1. Do you have your own personal...
☐ ... bank account in **your** name?
☐ ... mobile phone?

(if yes) Do you have your own mobile money account in your name?
☐ Yes / No / Refuse to answer

2. **If married/cohabiting, CONTINUE. Otherwise, SKIP TO Question 3**

a. How many years have you been married to or cohabiting with your current spouse?
 Years

b. (If married) Was your marriage arranged by relatives? ☐ Yes / No

c. (If married) Did your family receive or pay a bride price upon marriage?
☐ Yes, received
☐ Yes, paid
☐ No

d. (if yes) How much was the value of this bride price? *If in-kind, please estimate the market price* MWK

Female empowerment

Read. Next, I would like to ask you questions about some important aspects of a family's life. I know that these questions are very personal. However, your answers are important for helping to understand the conditions of families in Malawi.

Let me assure you that your answers are completely confidential and will not be told to anyone and no one else will know that you were asked these questions. Remember, you do not have to answer any question you don't want to.

INTERVIEWER: ENSURE FULL PRIVACY BETWEEN YOURSELF AND RESPONDENT

3. Is it possible to ensure full privacy for the following conversation? ☐ Yes/No **Required.**
If not, SKIP to Section 15.
4. Do you earn more / the same / less than your partner on average?
☐ A lot more
☐ Somewhat more
☐ The same
☐ Somewhat less
☐ A lot less

5. Who in your family has a say on ... (1 = me alone, 2 = almost always me alone, 3 = me and partner equally, 4 = almost always partner, 5 = partner only, -77 = not applicable/no children in the household)
- ☐ buying or selling household durables (e.g. furniture)?
 - ☐ any decisions about children's schooling?
 - ☐ whether or not to buy children's clothes, shoes?
 - ☐ how children should be disciplined?
 - ☐ how much of the household's income to save?
6. **DO NOT READ.** In your view, is the respondent **comfortable** asking questions about whether they have to ask their partner for permission to do activities and whether they have been exposed to violence by their partner? (Yes/No)
7. **(If 6 = Yes and FR = female)** In the last 12 months, did your partner... (1 = never, 2 = rarely, 3 = sometimes, 4 = often)
- ☐ Expect that you ask permission to purchase large items (like tv, radio, cow etc)?
 - ☐ Take your earnings or savings from you against your will?
 - ☐ Refuse to give you money for household expenses, even when he had money for other things
 - ☐ Require that you give up or refuse a job for money outside the home because he did not want you to work?
8. **(If 6=Yes) Domestic Discord**
During the last 12 months, did you have any major arguments with your partner over...
- (1 = never, 2 = rarely, 3 = sometimes, 4 = often)
- ☐ spending on major household items or assets
 - ☐ the behavior and disciplining of children
 - ☐ interactions with relatives
 - ☐ alcohol consumption

Controlling behavior

9. **(If 6 = yes) Read:** I am now going to ask you about some situations which happen to some men and women. Please tell me if, during the last 12 months, any of these apply to your relationship with your partner?
- (1 = never, 2 = rarely, 3 = sometimes, 4 = often)
- ☐ Your partner was jealous or angry if you talked to other [men/women]
 - ☐ Your partner accused you of being unfaithful
 - ☐ Your partner tried to limit your contact with your family?
 - ☐ Your partner insists on knowing where you are at all times?
10. **(If 6=yes and married/cohabiting and FR=female) Emotional and physical violence**

Read: Now, if you will permit me, I will ask some more questions about your relationship with your partner. If we should come to any question that you do not want to answer, just let me know and we will go on to the next question.

During the last 12 months, did your partner ever...

(1 = never, 2 = rarely, 3 = sometimes, 4 = often)

- ☐ | say or do something to humiliate you in front of others?
- ☐ | threaten to hurt or harm you or someone close to you?
- ☐ | insult you or make you feel bad about yourself?
- ☐ | physically harm you? *This could include pushing, shaking, choking or slapping you; throwing something at you, or attacking or threatening you with a weapon.*
- ☐ | force you with threats or in any other way to perform sexual acts you did not want to?

Section 15 - Civic attitudes and participation

In this section, I will ask you about your religious affiliation and participation in worship, if at all. This is to understand the role of religion in your life and in the broader community.

Section 15.1 Religious attitudes, beliefs, and behaviors

1. [\[More detailed options than in P1\]](#) Do you or any member of your household identify with a certain religion? *If household members identify with more than one religion, fill in for the religion of most household members.*
 - ☐ Christianity (Protestant e.g. CCAP/Baptist)
 - ☐ Christianity (Pentecostal/Charismatic)
 - ☐ Roman Catholic
 - ☐ Seventh Day Adventist
 - ☐ Christian (other denomination)
 - ☐ Jehovah's witness
 - ☐ Islam
 - ☐ Traditional African Religion
 - ☐ No religion (Atheist/Agnostic)
 - ☐ Other _____
 - ☐ Refuse to answer
2. **(if any religion)** Do you attend a place of worship regularly? ☐ (ynrd)
3. **(if 2 = yes)** How many people regularly attend your place of worship? ☐
4. **(if any religion)** Did you attend a place of worship last week? ☐ (ynrd)
5. **(if any religion)** In the last 7 days, how many hours did you spend on activities associated with leadership or volunteering (unpaid work) on activities such as cleaning, cooking, teaching, ushering, music practice, providing health services or organizing events at your place of worship? hours
6. [\[Not in P1\]](#) **(if any religion)** In the **past 6 months**, how much money did you or members of your household give to your place of worship for any of the following? [MWK] *Enter 0 where no contributions are made. If the respondent struggles to recall, ask them about how much they contribute in a typical month and then multiply by 6.*
 - a. Charity/mercy ministry (helping needy members, food, clothes, hospital and prison visits)
 - b. Special offerings for ministry support (Choir, youth, men or women's ministry, etc.)
 - c. Cultural event support for members (weddings, funerals)
 - d. Leader/Pastoral/Priest/Imam support
 - e. Church/mosque/meeting venue infrastructure (construction, repairs, furniture, sound system)
 - f. Broader community infrastructure projects organized through the church/mosque (school blocks, roads, boreholes, bridges)
 - g. Any other purpose
 - i. (if other purpose >0) What is this other purpose?

7. [Not in P1] (if any religion) In the past **6 months**, how many hours did you or members of your household spend volunteering on construction, maintenance, or community development projects led by your place of worship? (enter 0 where no hours are spent) [Hours] *If the respondent struggles to recall, ask them about how many hours they spend in a typical month and then multiply by 6. Do not double count hours across the following two categories: the first is for projects that primarily benefit the respondent's place of worship. The second are for projects that benefit the community more broadly.*

- a. For your place of worship's development projects
- b. For community development projects led by your place of worship.

Section 15.2 Civic knowledge and attitudes

I am now going to ask you some questions about your political beliefs. We understand that this is a sensitive time to ask about politics around the election. Please remember that you do not have to answer any questions you do not want to, and let us know if any question makes you uncomfortable.

1. [Not in P1] I am about to read you descriptions of two hypothetical candidates for parliament. Then, I will ask you how likely you would be to vote for this parliamentary candidate.
2. [Not in P1] CAPI: Randomly select two candidate vignettes:

Candidate	
1	At public rallies, he hands out kilo bags of sugar, half-kilo bags of salt, and MWK 500 bills to citizens in exchange for votes.
2	At public rallies, he offers citizens fertilizer subsidies, financial aid for funerals, and help with other personal problems once elected in exchange for their votes.
3	At public rallies, he emphasizes to citizens that he will pass legislation to improve schools, improve healthcare, and dig more boreholes once elected in exchange for their votes.
4	At public rallies, he criticises candidates who hand out kilo bags of sugar, half-kilo bags of salt, and MWK 500 bills to citizens in exchange for votes.
5	At public rallies, he criticises candidates who offer citizens fertilizer subsidies, financial aid for funerals, and help with other personal problems once elected) in exchange for their votes.
6	At public rallies, he criticises candidates who emphasize to citizens that they will pass legislation to improve schools, improve healthcare, and dig more

	boreholes once elected in exchange for their votes.
--	---

Loop over randomly selected candidate vignettes {

- a. [Not in P1] Read out [randomly selected candidate vignette]
- b. [Not in P1] How likely is it that you would vote for this parliamentary candidate: 1) very likely, 2) somewhat likely, 3) not likely, 4) not at all likely.
- c. [Not in P1] How likely is it that the given candidate will deliver better health services once elected? 1) very likely, 2) somewhat likely, 3) not likely, 4) not at all likely.
- d. [Not in P1] How likely is it that the given candidate will provide personal assistance for accessing health centres, paying hospital bills and other fees once elected? 1) very likely, 2) somewhat likely, 3) not likely, 4) not at all likely.

}

3. Now, I would like to get your feelings about some local candidates for office. I'd like you to rate the performance on a scale from 1 to 10 of the previous leader, how you believe the newly elected leader will perform and how you believe the runner up would have performed.

a. The recently elected councillor in your ward (elected in September 2025)

Worst=1 2 3 4 5 6 7 8 9 10=Best

b. The previous councillor in your ward (might be the same person as in a, just repeat the answer).

Worst=1 2 3 4 5 6 7 8 9 10=Best

c. The runner up in the recent election for councillor in your ward

Worst=1 2 3 4 5 6 7 8 9 10=Best

d. The recently elected member of parliament in your constituency (elected in September 2025)

Worst=1 2 3 4 5 6 7 8 9 10=Best

e. The previous member of parliament in your constituency.

Worst=1 2 3 4 5 6 7 8 9 10=Best

f. The runner up in the recent election for member of parliament in your ward

Worst=1 2 3 4 5 6 7 8 9 10=Best

Section 15.3 Civic participation

Read: We will now ask questions about political engagement. All answers you provide are confidential and you can refuse to answer any question.

1. Were you registered to vote before the 16 September 2025 general election?

☐ Yes

☐ No **SKIP to 4**

☐ Not old enough to vote in 16 September 2025 general election **SKIP to 4**

☐ Don't know **SKIP to 4**
☐ Refuse to answer **SKIP to 4**

2. Did you vote in the 16 September 2025 general election? ☐ Yes / No
3. **(if yes)** At which polling station?
4. We know that around election time, candidates often make people offers of food, gifts or money. When it comes to this area, would you say that this practice occurs? ☐ Yes / No/ Don't know/Refuse to answer
5. During this year's general election campaign period, did a candidate or someone from a political party offer the community or community groups in this area something, like food or a gift or money?
☐ Yes / No/ Don't know/Refuse to answer
 - a. **(if yes)** How many candidates or party representatives made offers to the community? ☐
 - b. **(if any)** What was the total value of all of the offers of gifts or money made? Please estimate the value of any in-kind offer. ☐ MWK
6. During this year's general election campaign period, did a candidate or someone from a political party offer you or anyone in your household something, like food or a gift or money?
☐ Yes / No/ Don't know/Refuse to answer
 - a. **(if yes)** How many candidates or party representatives made you or your household member an offer? ☐
 - b. **(if any)** What was the total value of all of the offers of gifts or money made? Please estimate the value of any in-kind offer. ☐ MWK
 - c. **(if any)** In total, how many times did you or any household member accept an offer?
 - d. **[Not in P1] (if yes)**, How many candidates or party representatives asked you or a household member for their vote in exchange for these gifts or money? ☐
7. **[Not in P1]** During this year's general election campaign period, do you know of any candidates or political party agents offering something, like food or a gift or money, to people in your village during the campaign?
☐ Yes / No/ Don't know/Refuse to answer
 - e. **[Not in P1] (if yes)** How much do you think a typical offer would be worth, in monetary terms? ☐
 - f. **[Not in P1] (if yes)** How many people would accept such offers in your opinion? (Never - Sometimes - Often - Always)
8. **[Not in P1]** In your opinion, how often do the following things occur in this country's elections?
 - A. Voters are offered gifts in exchange for their vote (Never - Sometimes - Often - Always)

B. Voters change their vote based on gifts received (Never - Sometimes - Often - Always)

9[Not in P1] .I am now going to ask you a question that may be sensitive. We are going to use a method that helps protect your privacy. I'll read a short list of things that political campaigns might do during an election campaign. Please do not tell me which ones happened. Instead, only tell me how many of the items on the list happened during the last election campaign. Because you will report only a number (not which ones), your specific answers remain confidential.

From this list, how many of the items happened during the last election campaign?

Control group:

- Putting campaign posters in your neighborhood
- Visiting your home
- Advertising on TV or radio
- Threatening you to vote for them

How many of these things were done in the campaign? (between 0 and 4)

Treatment group:

- Putting campaign posters in your neighborhood
- Visiting your home
- Advertising on TV or radio
- Threatening you to vote for them
- Giving you money or a gift or doing you a favor in return for your vote

How many of these things were done in the campaign? (between 0 and 5)

5. We know sometimes people face difficult times in their lives. We want to understand the sources of support people draw on during these times. Think about prominent local people. Include any aspirants for any public office who campaigned before the 2025 election, ran in the primary or the general election, or their agents or intermediaries. Since before the last election, have you or your household member approached any prominent local person for support and/or have you or a household member received support for a personal matter, even if you didn't ask for it? Support could include contributions in cash or in kind e.g. providing food. *Select all that apply.*

☐ Requested support and received it

- ☐ Requested support and did not receive it
☐ Did not request support, but received support
☐ Did not request nor receive support

6. If requested support (regardless of whether or not it was received):

- g. How many prominent local people did you approach for support?
h. How many times did you or any household member approach people for support? If you approached two people, twice each, that would be four times.

7. If received support, regardless of whether or not it was requested:

In total, what was the value of support provided, in cash or in kind?

8. [Not in P1] (If 2 = yes: voted in last election) For which candidate did you vote for president?

- ☐ Joyce Banda
☐ Thokozani Banda
☐ Akwame Bandawe
☐ Lazarus Chakwera
☐ Kamuzu Chibambo
☐ Adil Chilungo
☐ Cosmas Chipoljola
☐ Dalitso Kabambe
☐ Peter Mutharika
☐ Atupele Muluzi
☐ Phunziro Mvula
☐ Frank Mwenifumbo
☐ Kondwani Nakhumwa
☐ Jordan Sauti
☐ Smart Swira
☐ Milward Tobias
☐ Michael Usi
☐ Refuse to answer

9. [Not in P1] (If 2 = yes : voted in last election) For which candidate did you vote for your member of parliament? [free text]

10. [Not in P1] (If 2 = yes: voted in last election) For which candidate did you vote for your local ward councillor?[free text]

Section 16 Conclusion

1. Do you or does anyone in your household own a mobile phone?
☐ Yes
☐ No

(If yes): Read the DATA LINKAGE REQUEST

Data Linkage

As part of the study, we would like to link your survey responses to you and your household members' mobile phone data records from Malawi's mobile network operators, including Airtel and TNM.

If you give your consent, we will link mobile phone data records for all household members that use a phone. These mobile phone data records will contain information on the date, time, and location of each call and text that you place, and each call and text that you receive. They also contain information about how much mobile data and mobile money you use. They do not contain any information about the content of your calls, text messages, or mobile money payments.

This information will be used for research purposes only. If you do not give your consent to mobile phone data linkage, we would still like you to participate in this survey.

Do you consent to our research team linking your survey responses to mobile phone data records provided by Airtel and TNM?

- [illegible]

Read: Thank you so much for your time.

FO: Be sure to fill in the remaining information. Do not read the questions aloud. Simply record your own impressions.

1. Did the respondent terminate the survey early? (1=Yes, 2=No)
| **If YES, continue. If NO, skip to question 1.**

- a. **(if yes)** Why did the respondent terminate the survey early?

|_|_| _____

1 = Temporary stop only – Wishes to continue survey at a later time. **See “Temporary Stop Instructions” below.**

2 = Tired

3 = Too busy, does not have time

4 = Offended at question

5 = Suspicious of FO / survey intent / IDInsight

6 = Does not feel like continuing survey

-77 = Other (specify)

Temporary Stop Instructions: You have indicated that the FR wishes to continue the survey in the future. Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now.

2. Time end interview: **CAPI automatic.**

(24 hr clock) |_|_| : |_|_|

3. In what language was the survey administered? *Select all that apply.*

(1=English, 2=Chichewa) |_|_|

4. How was the respondent's skill in speaking and understanding the survey language?

|_|_|

(1 = Displayed *no problems* speaking or understanding language

2 = Displayed *a little difficulty* speaking or understanding language

3 = Displayed *moderate* difficulty speaking or understanding language

4 = Displayed *serious* problems speaking or understanding language)

5. Were any people present during all or part of this interview (other than the respondent and IDI staff)? (1 = Yes, 2 = No) |_|_|

- a. **(if yes)** Who?

|_|_| [HH Member 1]

...

|_|_| [HH Member N]

6. How confident are you in the overall quality and truthfulness of this respondent's responses?
(1=Very confident, 2=Somewhat confident, 3=Not very confident) |_|_|

- a. **If SOMEWHAT or NOT CONFIDENT:** Why? _____

--

Chiradzulu Midline Household SURVEY

Phase II

Section 1 - Survey Information and Informed Consent

Greetings! You are about to begin the Chiradzulu MidlineHousehold Survey. Please fill in the following questions before engaging the respondent.

1. a. FO Name: _____
2. Where are you conducting this survey?
 - a. TA: _____
 - b. GVH: _____
 - c. Village: _____
3. Household ID: _____

CAPI: The target respondent for this household is [primary male name] / [primary female name]. Please make sure that you try to find the target respondent within reasonable time. If you cannot find them, you may also arrange to come back later, or reschedule for tomorrow.

4. Are you at the right house? Click here for a photo of the house - Y/N
5. Were you able to track this household?
 - ☐ Yes, located the household and reached a respondent **Skip to question 6**
 - ☐ Yes, but the household is unavailable temporarily **Continue to a.**
 - ☐ No, this is the 2nd time I am trying to reach this household, on the last day of the census, and I could not reach them **Continue to b**
 - ☐ No, the majority of the Household has relocated/moved to a different location (even if the target respondent is available) **Continue to c**

a. Appointment for temporarily unavailable: Ask if the household will be here tomorrow; please ask the respondent when the household is available and schedule a tentative appointment. Then call your team lead (or other senior team member) to confirm this day and time. Record this information and the current time on the tracking sheet now. **End the interview.**

b. WARNING: CLICKING YES WILL MEAN THIS HOUSEHOLD REMAINS UNTRACKED.
Are you sure that you cannot find anyone in the household, and you cannot reschedule?
☐ Yes / No

(if yes) End the interview.

(if no) Please go back and try to set up an appointment.

(c) (i) Has the household moved entirely, or only some members? (1=Entire household has moved, 2=Only some members have moved (household split))

(ii) **(if c(i)=2)** How many of the original household members are still living at this location?

(iii) **(if c(i)=2)** How many of the original household members have moved away?

(iv) **(if c(i)=2)** Are most of the household's assets (like the house, furniture, livestock, durable items) still at this location? ☐ Yes / No/Don't know/Refuse to Answer

(v) **(if HH has relocated/disbanded)** Protocol Note: Enumerator: Please carefully read the protocol for when we have a split/migrated household:

1. Migrated households are households that have moved all together to a new location.

2. Split households are where only some of the members of the household have moved, for example because they have grown up and left the household / married/ divorced/separated.

3. **** The test for which part of the household we track is as follows: ****

- If most people in the household have remained behind, and

- If most of the household assets are still in the same location (the house, durable goods, etc.)

Then, we track the household in its original location.

- If most of the household has left, we instead track them to where they have moved.

(vi) **(if HH has relocated/disbanded)** Should the household be tracked here in its original location or at the new location? (1=Yes, track the household at the current location because majority of the members/assets have stayed back; 2=No, the household should be tracked at the new location)

(vi) **(if c(vi)=2)** Please provide as much information as possible about where the household has relocated.

(vii) **(if c(vi)=2)** Please provide a phone number for the household at their new location for follow-up.

(viii) **(if c(vi)=1)** Note: You have decided to track the Household at the current location so please continue the survey as usual and make sure to keep track of the members who moved away and the reason for relocation in the Household roster (Section 3). **PROCEED AS USUAL**

6. a. What type of respondent are you speaking with?
☐ (1=Target Respondent, 2=Alternative Respondent)

If TR, skip to question 9. If AR, continue.

b. Is this your second visit to this household? ☐ Yes / No

(if Yes) [DISPLAY FOR AT LEAST 10 seconds] WARNING. You are not speaking to the target respondent. Please make sure that you really cannot find the target respondent within a reasonable amount of time. Only continue with the interview if you cannot find the target respondent. If you can find the household head, go back. Only if this is the second

in-person visit to the household, and you cannot find the household head may you
CONTINUE.

(if No) You are NOT speaking to the target respondent. If this is your FIRST visit to the household, you MAY NOT CONTINUE WITHOUT THE TARGET RESPONDENT. Go find the target respondent, or add the household to the tracking sheet for MOP-UP on day 3. Inform your team lead.

c. Why is the target respondent not available? ☐ Use target codes.

- ☐ Travelling for sometime
- ☐ Lives/works in another town
- ☐ Out temporarily
- ☐ Too sick to be interviewed/mentally ill
- ☐ Too busy to be interviewed
- ☐ Deceased
- ☐ Target Respondent has joined another household
- ☐ Other (specify)___

d. What is the respondent's relationship to the Target Respondent? ☐ Use g4 codes.

- ☐ Self
- ☐ Spouse
- ☐ Former Spouse/Partner
- ☐ Parent
- ☐ Child
- ☐ Sibling
- ☐ Grandparent
- ☐ Grandchild
- ☐ Uncle/Aunt
- ☐ Niece/Nephew
- ☐ Cousin
- ☐ Other Relative
- ☐ Current Neighbor
- ☐ Previous Neighbor
- ☐ Friend from School
- ☐ Friend from Work
- ☐ Friend from Church/Mosque/Religious Community
- ☐ Friend from Community Group
- ☐ Other friend
- ☐ Current Co-worker
- ☐ Former Co-worker
- ☐ Other

7. Date of interview: (DD/MM/YYYY) / /

8. Time start interview: (24 hr clock) :

9. a. **Do not read:** Where is this interview being conducted? ☐

If you are interviewing an FR who works as live-in house help or a live-in guard and you are at their place of work, please select place of work and not current residence. If you are interviewing them at their home (not the home they work in), select appropriate home.

1 = At current residence (may also be biological or marital home)

2 = At the workplace

4 = Elsewhere (specify) _____

b. [AUTOMATIC IN CAPI] PLEASE TAKE GPS AT THE DOORSTEP OF THE MAIN BUILDING.

10. a. Is the interview being conducted with the interviewee alone? (1=Yes, 2=No)

b. It is ok if other household members are around for the first several sections of this survey. In fact, it is preferable to get information from the most knowledgeable person (e.g. the person running a business, or the person purchasing food for consumption). The exception to this is Section 14, where the respondent should be alone. However, politely ask any NON-household members to leave, saying that you need to interview the FR and their household members alone. Stress that the interview is private and confidential.

11. Please Re-enter the household ID:

CAPI: Warning, the household ID does not match with the one you entered previously. Please go back and double-check.

Informed Consent: Read consent script to the respondent.

CONSENT TO PARTICIPATE IN RESEARCH

Key Information

- You are being invited to participate in a research study. Participation is completely voluntary.
- The purpose of this study is to understand the wellbeing and livelihoods of households in Malawi.
- This questionnaire is expected to take about 1 to 1.5 hours.
- Risks and/or discomforts may include the risk of breach of confidentiality. This is very unlikely.
- We may ask questions about challenging topics, but you can always choose not to answer any question.
- There is no direct benefit to you, but this study may benefit communities like yours by us better understanding their livelihoods.

Hello, I am [name] from IDInsight Research Consulting Firm. We are conducting a household listing in this village for a study on livelihoods in Malawi.

If you agree, we will collect information about your household, which will take approximately 1.5 hours. This information may be used to contact you for future surveys as part of the study.

There is no direct benefit to you, but the study aims to help researchers understand household livelihoods in Malawi and how they change over time. Participation involves minimal risk and you can opt out of the survey at any time. Some questions will ask about challenging topics, and you can always choose not to answer any question.

You will not be paid monetarily for taking part in this study.

A full consent form with more information about the study is available on request.

If you have any questions or concerns about this study, you may contact Innocent Amos at +265 882 895921 | innocent.amos@idinsight.org or Mtise Mwanza at +260 763 457815 | mtise.mwanza@idinsight.org

12. Do you consent to take part in this research? ☐ (1=Yes, 2=No)
13. Do you consent to random short audio-recordings for data quality checks? These will be deleted immediately after, and are serving for data quality purposes only. This is not required for you to take part in this research.. ☐ Yes / No
CONTINUE WHETHER YES OR NO. NOT REQUIRED.
14. **Do not ask the following question. Simply record your impressions.** Is the respondent able to proceed with the survey? (1=Yes-FR agrees to participate; 2=No-FR refuses to participate; 3=No-FR does not refuse but is unable to participate) ☐

If YES, skip to 'SECTION 2'. If NO, continue.

a. Describe your impressions of the refusal / inability to participate. Do not ask. ☐

- 1 = Wants to reschedule (**skip to "Rescheduling instructions" below**)
- 2 = FR refusal for this round only (**skip to question b**)
- 3 = FR refusal for this round and any future rounds (**skip to question c**)
- 4 = Unable to survey – refusal by someone other than FR (**skip to question d**)
- 5 = Unable to survey—other

Rescheduling instructions: Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now. End the interview.

b. Record your impressions of why the FR refuses to participate during this survey round. If you feel comfortable doing so, you may ask the FR "Why don't you want to participate?" Choose up to 3 reasons. If someone else is refusing on behalf of the FR, return to question a and mark "4".

- 1 = Survey is too long
- 3 = FR has caregiving duties
- 4 = FR has to work
- 5 = FR does not want to disclose personal information
- 6 = FR is suspicious of [SURVEY FIRM]
- 7 = FR hasn't received (further) assistance from [SURVEY FIRM] and doesn't want to participate because of that
- 8 = FR just doesn't want to / no reason given
- 10 = other (specify)
- 99 = FO DK / can't determine

☐/☐/☐ Other: _____

Skip to "Closing Interview Statement".
am

c. Record your impressions of why the FR refuses to participate during this round and any future rounds. If you feel comfortable doing so, you may ask the FR "Why don't you want to participate?" Choose up to 3 reasons. If someone else is refusing on

behalf of the FR, return to question a and mark “4”

- 1 = FR has been interviewed before, and is tired of [SURVEY FIRM] coming to visit
- 2 = FR is not interested in the project/research
- 3 = FR does not want to disclose personal information
- 4 = FR is suspicious of [SURVEY FIRM]
- 5 = FR hasn't received (further) assistance from [SURVEY FIRM] and doesn't want to participate because of that
- 6 = FR just doesn't want to / no reason given
- 10 = other (specify)
- 99 = FO DK / can't determine

|_|_|/|_|_|/|_|_| Other: _____

Skip to “Closing Interview Statement”.

d. *What is the relationship of this person to the FR?* **Use G4 codes.** |_|_|

- 1. Self
- 2. Spouse
- 3. Former Spouse
- 4. Parent
- 5. Child
- 6. Sibling
- 7. Grandparent
- 8. Grandchild
- 9. Uncle/Aunt
- 10. Niece/Nephew
- 11. Cousin
- 12. Other Relative
- 13. Current Neighbor
- 14. Previous Neighbor
- 15. Friend From School
- 16. Friend From Work
- 17. Friend From Church/Mosque/Religious Community
- 18. Friend From Community Group
- 19. Other Friend
- 20. Current Co-Worker
- 21. Former Co-Worker
- 99. Other

e. *Why is this person refusing on behalf of the FR? If you feel comfortable doing so, you may ask the person “Why don't you want this person to participate?”*

Closing Interview Statement. Read: Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the Zerihun Associates office. ***End interview here.***

Section 2 - Confirming Identity

1. What is your current full name? Please spell it for me

FO: Ensure you get the correct spelling of the FR's name.

Note. If possible, read this directly off the ID.

|_____| / |_____| / |_____|
(First name) (Middle/Second Name) (Last Name)

Respondent common name: _____

a. **(if FR = TR) Do not ask the following question. Simply record your impressions.**

Does this name match the information on your tracking sheet? *Note: Do not count different spellings or different orderings of the same name as different.* (1=Yes, 2=No) |____|

If YES, skip to question 2. If NO, then the FR reported a name different from the one on your tracking sheet. Please probe why the name records differ and enter the reason. Continue after.

2. Do you use any other names, either in your community or for official documents?
(1=Yes, another name for government documents, 2=Yes, a common name/nickname, 3=No) |____|

If YES, continue. If NO, skip to NEXT QUESTION.

a. What other name do you go by for official documents? *Probe to get names in the same order as given on official documents.*

|_____| / |_____| / |_____|
(First name) (Middle/Second Name) (Last Name)

b. What is your common name/nickname? _____

3. **Do not ask the following question. Simply record your impressions.** What is the respondent's gender? (1=Male, 2=Female) |____|

a. **DISPLAY:** You entered: [MALE / FEMALE]

Our previous records indicate:

Change your answer accordingly if there is a mistake.

4. What is your date of birth? (DD/MM/YYYY)

|_|_|/|_|_|/|_|_|_|_|

The date of birth information is very important. Please probe the FR if they claim to not know. Every FR should be able to approximate the year of birth at least. (-99=DK day or month, -9999=DK year)

a. Is this an estimated year of birth? *Note: A response of yes means the respondent is unsure of their year of birth.* (1=Yes, 2=No) |____|

b. What is your age now in years? |____| years

If age and date of birth information do not make sense together, please probe further with FR until they agree. Note in the FO Comments if you are unable to make them agree.

5. **(if no BL or different respondent from BL)** What is your place of birth?
- a. Country? Other:
- b. District? Other:
- d. TA? Other:
- e. GVH? Other:
- f. Village? Other:
6. **(if not baselined)** What is your tribe? *Note: if respondent is female, we want her tribe, not the tribe of her husband. Use tribe codes.* Other:
7. What is your marital status? (1=Single, 2=Not married but co-habiting, 3=Married, living with spouse, 4=Married, not living with spouse, 5=Married (polygamous) and living with spouse(s), 6=Married (polygamous) and not living with spouse(s), 7=Divorced, 8=Separated, 9=Widowed)
8. **(if married or cohabitating)** What is your spouse's name?
- / /
- (First name) (Middle/Second Name) (Last Name)
9. Are you suspicious that this respondent does not belong to the household on the tracking sheet? (1=Not at all suspicious, 2=A bit suspicious, 3=Moderately suspicious, 4=Very suspicious)
- a. **(If 2, 3, or 4)** FO: Why are you suspicious?

If you are somewhat suspicious that we do not have the correct household, consider ending the survey here. Consult with your TL or a Manager.

Section 2.1. Contact Information

Read: Now I would like to obtain your contact information.

1. We currently have the following phone numbers of your household:
 - a. [phone 1]: |__| confirm / change / drop
 - b. [phone 2]: |__| confirm / change / drop
2. Is there any OTHER phone number that we could use to reach you, even if it is not your own phone? **If YES, continue. If NO, probe the FR for once again. If the FR insists there is no way to reach them by phone (or they do not know any numbers), skip to next question.**
 - a. **If yes:** Please give me that number.

|_| |_| |_| |_| |_| |_| |_| |_| |_| |_| |_|

b. Whose phone is this? Write name. _____

c. What is this person's relationship to you? Use G4 codes. |___| Other: _____

3. If 1 or 2 = Yes, In the future, we may want to contact you by WhatsApp. Do you have a number we can use to reach you by WhatsApp? (1=Yes, 2=No)

a. Is it a phone number you have provided previously?

☐ No

☐ Yes it was the first phone number I provided [phone number 1]

☐ Yes it was the second phone number I provided [phone number 2]

b. **If yes:** Please give me that number.

same as above

Other:

Section 3 - Roster / Demographics

Read: The first part of this questionnaire is about your **HOUSEHOLD** as a whole. Other household members may help you answer questions in these sections, as these are supposed to cover the entire household.

READ: Now I would like to find out about all of the individuals in your household. By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home.

By the individuals in your household, I mean those who eat from the same pot and sleep in your home 4 nights or more in an average (typical) week.

1. Currently, how many people in total (including yourself) are in your household, "eat from the same pot" and spend 4 nights or more in an average week sleeping in your home?

PROMPT CAREFULLY TO MAKE SURE WE CAPTURE ALL HOUSEHOLD MEMBERS.

If the FR is live-in house help or a live-in guard and has a spouse or adult dependent(s) staying with them at the employer's house, only include these spouse/dependent(s) on the household roster (do not count their employer or the employer's family as part of the FR's household).

2. Are you the head of household? (1=Yes, 2=No)

If household has preloads from BL survey / census , continue. Otherwise, skip to question 4.

3. I am first going to confirm the individuals we discussed when we last visited.

REPEAT Q2a - Q2e for each preload member.

- a. Is this person currently a member of your household? (1=Yes, 2=No)
- b. Name: [default value taken from preload, editable]
- c. Gender: [default value taken from preload, editable]
- d. Age in years: [default value taken from preload, editable]
- e. (if < 1 year) Age in months:
- f. (if no longer a member of the household) Why is [name] no longer a member of the household?
 deceased
 moved out
 incorrectly captured previously (the preload is wrong)
- g. (if moved) Why did they move out?
 moved to live alone / grow up
 moved for work
 moved for education
 moved for marriage
 moved for other reasons
 DK
 refused

- h. **(if other reasons/other)** Why is [name] no longer a member of the household?
- i. **(if moved)** Where did [name] move to?
☐ another household in this village
☐ another village in Chiradzulu
☐ Blantyre
☐ another place outside Chiradzulu
☐ DK
☐ Refuse
- j. **(if another village in Chiradzulu)** What TA do they live in now? Select one.
☐ [TA 1]
 ...
☐ [TA N]
☐ Other
- k. What is the GVH do they live in now? Filtered from TA. Select multiple.
☐ [GVH 1]
 ...
☐ [GVH N]
☐ Other
- l. What village do they live in now? Filtered from GVH. Select multiple.
☐ [village 1]
 ...
☐ [village N]
☐ Other
- m. **(if other or outside Chiradzulu)** Which other VILLAGE / place?

- n. **(if deceased)** We are sorry for your loss. What was the cause of death?
☐ old age
☐ health problem
☐ accident
☐ Witch doctor / curse / etc.
☐ crime or other form of violence
☐ other: _____
☐ DK
☐ refuse
- o. **(if health problem/old age/witch doctor/curse)** Did any of the following health conditions contribute to their death? Select all that apply.
☐ long-term illness (cancer, diabetes, heart problems, etc.)
☐ respiratory problems/pneumonia/Tuberculosis
☐ heart attack/cardiovascular problems
☐ communicable disease (malaria, flu, etc.)
☐ HIV/AIDS
☐ stroke
☐ diarrhea related

- ☐ childbirth
- ☐ Other
- ☐ Don't know
- ☐ Refuse

p. **(if other)** Which other health problem: _____

q. **(if no longer a member of the household)** When did [name] leave the household (or pass away)? ☐ mm / yyyy

If [SUM of Q2a] > [Q1]: WARNING! You stated that there are [Q1] members of your household, but you confirmed that [SUM of Q2a] individuals are still members of your household. Please correct.

If [SUM of Q2a] < [Q1]: Proceed to question 3.

If [SUM of Q2a] = [Q1]: Are there any OTHER HH members that we have not yet discussed?

☐ Yes, there are more

☐ No, we have discussed all HH members: —> *Skip to question 5.*

4. I will now ask some basic details about each of the [Q1 - SUM of Q2a] OTHER household members we have not yet discussed.

REPEAT question

a. Name:

b. Gender:

c. Age in years:

d. **(if < 1 year)** Age in month:

e. Why did [name] join the household?

☐ birth

☐ marriage

☐ they are a family member, to support them

☐ return from temporary move away

☐ to work for this household (guard, farm worker, domestic staff, etc.)

☐ other: _____

☐ DK

☐ refuse

f. When did [name] join the household? ☐ mm / yyyy

g. Where did they move from?

☐ another household in this village

☐ another village in Chiradzulu

☐ Blantyre

☐ another place outside Chiradzulu

☐ DK

☐ Refuse

h. **(if another village in Chiradzulu)** What TA did they move from? Select one.

☐ [TA 1]

...

☐ [TA N]
☐ Other

- i. What GVH did they move from? Filtered from TA. Select one.

☐ [GVH 1]

...

☐ [GVH N]

☐ Other

- j. What village did they move from? Filtered from GVH. Select one.

☐ [village 1]

...

☐ [village N]

☐ Other

- k. **(if other or outside Chiradzulu)** Which other VILLAGE / place?

Skip to question 7.

5. **(For those not baselined)** I will now ask some basic details about each of the [Q1] household members. Please start with the oldest household member and go oldest to youngest.

a. Name:

b. Gender:

c. Age in years:

d. Age in months:

- e. Did [name] join the household since [BL month]? ☐ Yes / No / DK / refuse

- f. **(if yes)** Why did [name] join the household?

☐ birth

☐ marriage

☐ they are a family member, to support them

☐ return from temporary move away

☐ to work for this household (guard, farm worker, domestic staff, etc.)

☐ other: _____

☐ DK

☐ refuse

- g. When did [name] join the household? ☐ mm / yyyy

- h. Where did they move from?

☐ another household in this village

☐ another village in Chiradzulu

☐ Blantyre

☐ another place outside Chiradzulu

☐ DK

☐ Refuse

- i. **(if another village in Chiradzulu)** What TA did they move from? Select one.

☐ [TA 1]

...
☐ [TA N]
☐ Other

- j. What GVH did they move from? Filtered from TA. Select one.
☐ [GVH 1]

...
☐ [GVH N]
☐ Other

- k. What village did they move from? Filtered from GVH. Select one.
☐ [village 1]

...
☐ [village N]
☐ Other

- l. **(if other or outside Chiradzulu)** Which other VILLAGE / place?
-

6. Were there any OTHER members in the household in [BL month] who are NO LONGER part of the household now?

- a. Name:
b. Gender:
c. Age in years (if deceased, give at at time of death):
d. **(if < 1 year)** Age in months (if deceased, give at at time of death):

- e. Why is [name] no longer a member of the household?
☐ deceased
☐ moved out

- f. **(if moved)** Why did they move out?
☐ moved to live alone / grow up
☐ moved for work
☐ moved for education
☐ moved for marriage
☐ moved for other reasons
☐ DK
☐ refused

- g. **(if other reasons/other)** Why is [name] no longer a member of the household?

- h. **(if moved)** Where did [name] move to?
☐ another household in this village
☐ another village in Chiradzulu
☐ Blantyre
☐ another place outside Chiradzulu
☐ DK
☐ Refuse

- i. **(if another village in Chiradzulu)** What TA do they live in now? Select one.
☐ [TA 1]
 ...
☐ [TA N]
☐ Other
- j. What is the GVH do they live in now? Filtered from TA. Select one.
☐ [GVH 1]
 ...
☐ [GVH N]
☐ Other
- k. What village do they live in now? Filtered from GVH. Select one.
☐ [village 1]
 ...
☐ [village N]
☐ Other
- l. **(if other or outside Chiradzulu)** Which other VILLAGE / place?

- m. **(if deceased)** We are sorry for your loss. What was the cause of death?
☐ old age
☐ health problem
☐ accident
☐ Witch doctor / curse / etc.
☐ crime or other form of violence
☐ other: _____
☐ DK
☐ refuse
- n. **(if health problem/old age/witch doctor/curse) Did any of the following health conditions contribute to their death**What health problem?
☐ long-term illness (cancer, diabetes, heart problems, etc.)
☐ respiratory problems/pneumonia/Tuberculosis
☐ heart attack/cardiovascular problems
☐ communicable disease (malaria, flu, etc.)
☐ HIV/AIDS
☐ stroke
☐ diarrhea related
☐ childbirth
☐ Other
☐ Don't know
☐ Refuse
- o. **(if other)** Which other health problem: _____
- p. **(if no longer a member of the household)** When did [name] leave the household (or pass away)? ☐ mm / yyyy
- q.

7. I will read the names of all [Q1] household members we discussed. Please confirm we have included ALL current household members. ☐ (1=Yes, 2=No)
[Names of all household members]

If no: WARNING! We have not captured all household members. Return to [Q1] to correct.

8. DO NOT READ

Enumerator: Which of the following household members is the FR [NAME from Section 2 Question 1].

Read: I will now ask further details about the individuals that are currently members of your household.

REPEAT question 6 - question 17 for each current household member.

9. **(if HH member not surveyed at BL)** What is [NAME]'s relationship to the household head?
☐ *Use g4 codes.*
10. **(if HH member not surveyed at BL)** What is the highest level of education completed by [NAME]? *For those still in school, this is not the current year. Prompt to estimate if unsure.*
☐
11. Is [NAME] currently enrolled in school or education (including apprenticeships, vocational training, etc.)? *Include apprenticeships, vocational training, adult education, diplomas, etc.*
☐ (1=Yes, 2=No)
If no, continue. Otherwise, skip to question 14.
12. **(if 10= No & age < 18 years)** Why is [NAME] currently not enrolled in school? ☐
Skip to question
13. **(if 10 = yes)** What type of school is [NAME] enrolled in currently, including apprenticeships, vocational training, etc.?
- a. 0 Never Attended (Cannot Write And Read)
 - b. 1 Standard 1
 - c. 2 Standard 2
 - d. 3 Standard 3
 - e. 4 Standard 4
 - f. 5 Standard 5
 - g. 6 Standard 6
 - h. 7 Standard 7
 - i. 8 Standard 8
 - j. 9 Form 1
 - k. 10 Form 2
 - l. 11 Form 3
 - m. 12 Form 4
 - n. 13 Post-secondary school certificate
 - o. 14 Post-secondary school Diploma
 - p. 15 Informal Training
 - q. 16 College (non-University)

- r. 17 University
- s. 18 Nursery/kindergarten
- t. -88 Refused
- u. -77 Other, specify
- v.

14. **(if education level between 13-16)** In what course(s)/discipline(s) was this training?
15. **(if 10 = yes and HH mem is in school)** Of the last five days school was in session, how many days did [NAME] attend?
16. **(if in school)** In the last 12 months, how many days in total did this child miss after being sent home for not paying school fees?
17. **(if HH member not surveyed at BL)(if age > 4 years)** Can [NAME] read and write?
(1=Yes, 2=No)
18. **(if HH member not surveyed at BL) (if age > 4 years)** Can [NAME] perform simple arithmetic? (1=Yes, 2=No)
19. **(if age >= 5)** What is [NAME]'s primary occupation?
20. **(if age >= 5)** During the past 30 days, how many days of work or housework or school did [NAME] miss due to poor health? (0=None, -98=N/A)

List of highest level of education completed [list of options]

0 Never Attended (Cannot Write And Read)

1 Standard 1

2 Standard 2

3 Standard 3

4 Standard 4

5 Standard 5

6 Standard 6

7 Standard 7

8 Standard 8

9 Form 1

10 Form 2

11 Form 3

12 Form 4

13 Post-secondary school certificate

14 Post-secondary school Diploma

15 Informal Training

16 College (non-University)

17 University

18 Vocational training / apprenticeship

-88 Refused

-77 Other, specify

Why is [NAME] currently not enrolled in school [list of options]

- 1 Too young to attend school
- 2 Poor quality of schools
- 3 There is no nearby school [distance and infrastructure]
- 4 Lack of awareness
- 5 Health issue
- 6 Child has to work/help out at home
- 7 Child not interested in school
- 8 Can't afford school expenses, including school fees, uniform, soap, or lunch
- 9 cultural beliefs
- 10 discrimination
- 11 School is closed
- 12 Security issue [conflict and displacement]
- 99 other: _____

In what course(s)/discipline(s) was this training?

- 1 Bicycle repairing
- 2 Bricklaying
- 3 Carpentry joinery
- 4 Computer repairing
- 5 Electrical installation
- 6 Hairdressing (Including salon and barbershop)
- 7 Home remodeling and repairing
- 8 Metalsmith
- 9 Mobile phone repairing
- 10 Motor vehicle mechanics
- 11 Motorcycle or small engine repair
- 12 Panel beating / Spray painting.
- 13 Photography
- 14 Plumbing
- 15 Shoe repairing
- 16 Tailoring
- 17 Website designing/graphic design
- 18 Welding and fabrication
- 19 Weaving
- 20 Early childhood education
- 21 Agriculture and Agribusiness
- 22 Veterinary Assisting
- 77 Other, specify: _____

Section 4 - Dwelling Characteristics and Assets

Read: Now I'd like to ask you some questions about your home and household. Think of your current residence, the building you eat and sleep in.

1. How long has this household been living in this dwelling? /
mm yyyy
2. On what basis does the household occupy this dwelling?
☐ Owned
☐ Rented
 - a. **(IF OWNED)** If you wanted to rent out your house to someone outside of your household/family, how much could you charge for rent each month for this house (MWK)
 - b. **(if RENTED)** How much in MWK does your household pay for rent each month for this house? Amount (-99=DK):
3. How many separate rooms do you have in your dwelling? ***Include those separated by sheets, include bathrooms, and kitchens. Do not include detached store rooms or toilet rooms.***
4. Does your household occupy the entire dwelling? (1=Yes, 2=No)
If NO, continue. If YES, skip to question 5.
 - a. How many rooms of the dwelling does your household occupy? **(Include shared space, such as living room)**

If Q4 was NO, read: Now, answer the following questions thinking specifically of the portion that you occupy, and not the parts of the home you do not reside in.

If you are conducting this interview at the respondent's home, do not ask the following question on housing materials. Simply observe and record your observations in the following questions. If you are conducting this interview elsewhere, please ask the respondent the following questions and prompt with the below.

5. a. Of what material is the roof predominantly made? **DO NOT READ.**

1=Iron / tin,	5=Cement / concrete
2=Grass thatch	6=Palm leaves
3=Plastic sheets	7 = grass thatch on plastic sheets
4=Mud, branches	10=Tiles
11=Unfinished / incomplete roof	12 = wood planks
13 = Cardboard	-77 = Other, describe:
- b. Of what material is the floor made of? **DO NOT READ**

1= Cement
2 = Mud

- 3. Part mud, part cement
- 4. Tiles
- 5. Parquet or polished wood

-77 = Other, describe: _____

c. Of what material are the walls made of? **DO NOT READ**

- 1=Iron
- 2=Mud
- 3=Cement
- 4=Cement/mud mixed
- 5=Burnt brick
- 6=Unburnt brick
- 7=Cane/palm/trunks
- 8=Wood
- 9=Cardboard
- 10=Stone with lime
- 11=Cement blocks
- 12=Mixture of burnt and unburnt bricks

-77 = Other, describe: _____

6. Do you have a latrine in your household?

- 1=Yes in the house
- 2=Yes one for just the household but separate from the house
- 3=Yes, shared with one or more neighbors
- 4=No

7. Does your household have electricity? *Prompt: Electricity means having the means to have light at night. Select multiple.*

- ☐ No
- ☐ Yes, from a generator
- ☐ Yes, from a solar panel
- ☐ Yes, connected to the grid
- ☐ Yes, other: _____
- ☐ Don't know

8. What was your main water source in the last 7 days?

- 1=Pipe
- 2=Well (gather)
- 3=Protected spring
- 4=Unprotected spring
- 5=Collected rainwater
- 6=Lake/pond/dam
- 7=River/stream
- 8=Borehole well
- 10=Tanker/truck
- 11=Bottled water
- 77=Other

9. What was the main source of cooking fuel? *Select all that apply.* ☐ (1 = charcoal, 2 = LPG, 3 = firewood, 4 = electric stove, -77 = other: _____)

Section 4.1 Household Assets

1. How much land does your household own or hold use rights for?

Include all residential land (including where your dwelling is built), as well as all agricultural land, and all land with commercial or residential purposes. Include all the land sharecropped or rented OUT for any purpose TO people outside the household in the last 12 months. DO NOT INCLUDE LAND THAT IS RENTED / SHARECROPPED IN FROM OTHER PARTIES.

An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field. If the respondent would like to respond in another unit (such as hectares or metres squared), tick 'answer not in acres'.

☐ Acres

☐ Answer not in acres

- i. **(If not in acres-99)**

☐ Hectares

☐ m²

IF ANY, CONTINUE. OTHERWISE, SKIP TO QUESTION 3.

2. Now think of all the land that you own – or hold the use rights for. How much of the [QUANTITY][UNIT] of land could be used for agriculture, even if it is not currently being used for agriculture? *DO NOT INCLUDE LAND THAT IS RENTED / SHARECROPPED IN FROM OTHER PARTIES. Please help the respondent to estimate if they are unsure. An acre is around the size of a football field.*

Land Size

☐ Acres

☐ Answer not in acres

- i. **(If not in acres-99)**

☐ Hectares

☐ m²

☐ other

Read: Next, I am going to ask you about household items that your household owns.

		3.	4.	5.	6.	7.	8.
Assets	COD E	Has your household owned {item} in the past 12 months? If no, skip to the next item	Number of {item/s} owned at present [<i>If zero, then go back and edit previous answer</i>]	If > 0: Thinking about all of the [item]s you own together, how much could you sell these for now in total? Total current value in MWK (* in the current state the item is in, not replacement value of a new item.) That is, if someone were to buy these in the same condition, how much would he pay in TOTAL? Enumerator : please make sure that items are usable/not broken and help respondent to adjust value estimate	When did you purchase or receive the last [item]? <i>The last item is the most recent/newest of the [item] you have. It could have been bought or received as a gift.</i>	What was the price of the last [item] you purchased ? <i>Enter -55 if the item was received as a gift (not purchased).</i>	How much could you sell this [item] for now? Total current value in MWK (* in the current state the item is in, not replacement value of a new item.) That is, if someone were to buy the [item] in the same condition, how much would he pay in TOTAL?

				<i>downwards if broken</i>			
Consumer durables							
Mat / Mphasa	10						
Bed frame	11						
Mattress	12						
Blankets	13						
Wardrobe, chest, trunk, etc. (e.g. for storing clothes)	14						
Table	15						
Chair or stool	16						
Sofa, armchair	17						
Cabinet / cupboard with household goods, kitchen goods, food, etc.	18						
A kerosene or electric stove or an improved charcoal/wood stove	21						
Grain mill, stone mill	22						
Kitchen equipment (cooking pots etc)	23						
Bowls, glassware, plates, cutlery	24						
Iron (for pressing clothes), electric or otherwise	31						

Refrigerator	32						
Kerosene, paraffin or other type of lantern	33						
Lamps/torches	34						
Clocks / watches	35						
Television	36						
Radio / cassette player / CD player/ Music player/Speakers	37						
Smart phone	38						
Mobile phone (not smart phone)							
Computer/tablet	40						
Generator	41						
Car Battery	42						
Solar panel or solar lantern	43						
Bicycle	51						
Motorized vehicles (2 or 4 wheels) like motorcycle, car, truck etc.	52						
Gold or gold jewellery	61		(grams)				
Silver or silver jewellery	62		(grams)				
Water tank (Jerrycan, Bermel, Bucket)	63						
Mortar/pestle (mtondo)	64						

Clothes and shoes	65						
Plastic and wooden buckets, crates etc.	66						
Iron sheets	67						
Bricks/stones	68						
Other building materials like timber, wood, nails, wire etc.	69						
Suitcases	70						
Productive Assets							
Handheld tools (machete, ax, pick axe, spade, shovel, hammer, sickle, hoe, pruning shears)	110						
Plows and complementary tools (choke, yoke, plow,)	111						
Pastoral/livestock tools (shearing shears, whip, saddle, straps, etc.)	112						
Water pump (motorized, diesel, hand,foot)	113						
Wheelbarrow	114						
Cart (animal drawn or hand pushed)	115						

Sewing machine	116						
Agricultural tools (watering cane, pest sprayer, winnowing basket etc)	117						

6. Does this household own any other important assets not already mentioned? (1=Yes, 2=No)
☐

If yes, please list these assets.

[Please separate each item with a comma]

7. What is the total value of all these OTHER assets that your household owns, and that have not already been mentioned? [Estimated value in MWK]

8. How much maize do you currently have in storage?

☐ amount
☐ unit
☐ Kilogrammes
☐ Buckets
☐ Plates
☐ Bundles/Heaps
☐ Bags/sacks
☐ Other specify

- a. **(if any)** If you were to sell all of the maize you currently have in storage, how much could you sell it for? MWK

9. **In the past 30 days**, have you or any member of your household experienced any of the following events? **DO NOT INCLUDE crop or livestock loss (asked later)**. *Select all that apply.*

☐ No, did not experience shock
☐ Natural disasters (e.g. flood, drought)
☐ Conflict or crime (e.g., robbery, violence)
☐ Other significant experiences that led to unexpected large loss/expense

- a. **(if other)** What other significant experiences?

- b. **(if conflict / crime)** What kind? *Select all that apply.*
☐ theft in the homestead

- ☐ theft outside the homestead (walking, market, etc.)
- ☐ robbery (violent forceful theft) in the homestead
- ☐ robbery (violent forceful theft) outside the homestead
- ☐ fraud / scam via phone
- ☐ fraud / scam in person
- ☐ violent assault
- ☐ sexual assault
- ☐ arson
- ☐ vandalism of homestead
- ☐ vandalism of crops / agriculture
- ☐ vandalism of business
- ☐ Other: _____

c. (if any in b/natural disasters/other significant experiences) Loop through each {

- i. What was the total estimated cost of the damage or loss related to [item] combined in the **last 30 days**? MKW

}

d. (if theft / robbery) You said that you experienced a theft or robbery. What kind of goods were stolen? *Select all that apply.*

- ☐ household items (including roofs, building materials)
- ☐ food
- ☐ crops / harvest
- ☐ livestock
- ☐ mobile money
- ☐ cash
- ☐ jewelery / valuables
- ☐ Stock/machines of my business
- ☐ Other: _____

Section 4.2. Savings and Credit

Read: The following questions are about your financial situation, which we want to know for research purposes about living standards in the area.

SAVINGS:

1. Do you or someone in your household have any type of account in a bank or microfinance institution? (1=Yes, 2=No)

a. What is your household's current balance on all bank accounts combined (savings + checking), approximately? *You may give a rounded / approximate answer if you prefer.*

MWK

2. Do you or someone in your household have a mobile money account ? *Note: Do not list bank accounts already mentioned in the previous question.* (1=Yes, 2=No)

a. What is your household's current balance on all mobile money accounts combined,

approximately? *You may give a rounded / approximate answer if you prefer.* MWK

3. Do you or someone in your household participate in a community savings group including Village Savings and Loans Associations (VSLA) / SACCO / ROSCA / Merry-go-round? (1=Yes, 2=No)
- a. How many members does your community group have? (*Considering all groups*)
- b. What was your household's savings group contribution in the last 30 days? (*Considering all groups*) MWK
4. How much do you or members of your household have in savings in total (MWK)? This includes savings in banks, micro-finance institutions, community savings groups (merry-go-rounds) and at home.
 MWK
 Prefers to answer in a range: MWK: [record "0" if the household doesn't have any saving]
 Refuses to answer
5. In the last 30 days, did you or members of your households make any major or unusual withdrawal from your savings? (1=Yes, 2=No, -88=Don't know, -99=refuse to answer)
6. **(if 5=Yes)** What were the main reasons for this withdrawal?
1=to purchase necessities and food
2=to deal with a health emergency
3=to invest in my business
4=to purchase agricultural inputs
5=to help a friend / relative / neighbor
6=school fees or education
7=to deal with another emergency:
-77=Other: Please specify

LOANS

7. Do you or someone in your household currently have any outstanding loans from a commercial bank, commercial lender, or a MFI? (1=Yes, 2=No)
- a. **If yes**, What is the total amount your household currently owes all these commercial lenders combined? MWK
- b. What is the total amount your household made in loan payments to these commercial lenders in **the last 30 days**? MWK
- c. What was the size of the last loan you took? MWK
- d. By when do you expect to pay it back? days, months, years
- e. How frequently do you make a payment to service the loan? What is the typical value of this payment?

daily, weekly, monthly, quarterly, half quarterly, half yearly, yearly, refuse to say, don't know

f. What is the typical value of this payment? MWK

g. What is the total amount you will pay back, including any interest payments and fees by the end of the loan? *Enumerator – help the respondent figure this out carefully. Enter a positive amount (or -88/-99). It must be at least the amount currently owed.* MWK

Do you or someone in your household currently have any outstanding loans from a moneylender? (1=Yes, 2=No)

a. What is the total amount your household owes all these moneylenders combined? MWK

b. What is the total amount your household made in loan payments to these moneylenders in the **last 30 days**? MWK

c. What was the size of the last loan you took? MWK

d. By when do you expect to pay it back? days, months, years

e. How frequently do you make a payment to service the loan?

daily, weekly, monthly, quarterly, half quarterly, half yearly, yearly, refuse to say, don't know

f. What is the typical value of this payment?

g. What is the total amount you will pay back, including any interest payments and fees by the end of the loan? *Enumerator – help the respondent figure this out carefully.* MWK

9. Do you or someone in your household currently have any outstanding loans from a community savings group including Village Savings and Loans Associations (VSLA) / SACCO / ROSCA? (1=Yes, 2=No)

a. What is the total amount your household owes all these community savings groups combined? MWK

b. What is the total amount your household made in loan payments to these community savings groups in the **last 30 days**? MWK

c. What was the size of the last loan you took? MWK

d. How long do you think it will take you to repay the loan? days, months, years

e. How frequently do you make a payment to service the loan?

daily, weekly, monthly, quarterly, half quarterly, half yearly, yearly, refuse to say, don't know

f. What is the typical value of this payment?

g. What is the total amount you will pay back, including any interest payments and fees by the end of the loan? *Enumerator – help the respondent figure this out carefully.* MWK

Section 4.3: Loans and gifts to/from other households

Read: Now, I would like to ask you about the financial relationships your household has with other households, in which your household either receives or gives money or goods. Importantly, we would like to know about all significant financial and in-kind transfers, including gifts and loans. Significant means that you borrowed or lent or received or sent at least **10,000 MWK** in the **last 6 months**.

Transfers and Remittances Received / Loans Received

Please probe well on this next question. We want ALL transfers: LOANS AND GIFTS, MONETARY AND IN KIND.

1. **In the past 6 months**, did anyone in this household RECEIVE a loan / gift / assistance / remittance of money or goods from another household? Think about parents, children, siblings, good friends, other relatives or employers, etc. *Note, a transfer relationship is any relationship with another household where your household received a loan/gift/assistance/remittance of at least 10,000 MWK in the last 6 months. Only include transfers from private individuals. Do not include transfers from the government or employers, or NGOs, etc. If FR is in boarding school count gifts from parents as transfers.*
(1=Yes, 2= No)

If YES, continue. If NO, skip to question 11.

2. (if Yes) a. What was the total value of gifts / loans / assistance members of your household received in the last 12 months, COMBINED?
 - i. Gifts / transfers: MWK
 - ii. Loans: MWK

(if yes) How much of the total [total value] of loans and gifts was received from households...

Ensure sums up to total.

- ... in this village
- ... in another village in this GVH
- ... in another GVH in this TA
- ... in a other TA in Chiradzulu
- ... outside Chiradzulu

Transfers and Remittances Sent / Loans Given

Please probe well on this next question. We want ALL transfers: LOANS AND GIFTS, MONETARY AND IN KIND.

3. Did anyone in this household give or send money or goods to someone outside the household in the **last 6 months**, as a loan / gift / assistance / remittance? Think about parents, children, siblings, good friends, other relatives or employers, etc. *Note, a transfer relationship is any relationship with another household where your household sent a loan/gift/assistance/remittance of at least 10,000 MWK in the last 6 months.*
(1=Yes, 2=No) ☐ **If YES, continue. If no, skip to next Section**

4. (if Yes) a. What was the total value of gifts / loans / assistance members of your household sent in the last 6 months, COMBINED?

i. Gifts / transfers: MWK

ii. Loans: MWK

(if yes) To where did households send loans or gifts? Select multiple

- ☐ ... within this village
☐ ... other village(s) in this GVH
☐ ... other GVH(s) in this TA
☐ ... other TA(s) in Chiradzulu
☐ ... outside Chiradzulu
☐ Dont know
☐ Refused to say

5. If your household experienced an unexpected emergency, could you get 100,000 MWK to cover the unexpected expenses, either from your own savings, from friends and family, or from a loan (official or unofficial)?

- ☐ Yes, definitely
☐ Yes, but not sure
☐ Probably not
☐ Definitely not
☐ Refuse to answer
☐ Don't know

- a. What would be the maximum amount you could raise in an emergency? *Put -88 for refuse, -99 for don't know.*

MWK

- b. (if > 0) Where would you be able to get this money from? *Select all that apply.*

- ☐ Household savings (including selling assets)
☐ Business savings (including selling assets)
☐ Gift from friends and family
☐ Loan from friends and family
☐ Loan from a formal institution (bank, MFI, etc.)
☐ Mobile money loan
☐ Money lender
☐ Other: _____
☐ Don't know
☐ Refuse to answer

Section 5 - Expenditure

Section 5.1: Food Expenditure

Read: Now I'd like to ask you some questions about household expenditure. I will ask you about different food and other items.

	PURCHASES IN LAST 7 DAYS	HOME PRODUCTION	GIFTS	SHOPPING PATTERNS
Consumption/Expenditure Code: Enter 0 if none. DK=-99	Q1: In the past 7 days, how much have the members of your household spent on [FOOD] ?	Q2. In the past 7 days, how much [FOOD] did your household consume from your own production? <i>Could you please estimate how much MWK it would have cost if you had bought it from the market?</i>	Q3. In the past 7 days, how much [FOOD] did your household receive as a gift from someone outside of the household? -If they received, what was the total amount MWK of those gifts <i>Enter 0 if none.</i>	Q4. (if spending >0) Where did members of your household purchase [food] in the last 7 days? <i>If multiple markets / villages, pick the main three where you spent most</i> Include "DK=-99" option
	MWK	MWK	MWK	VILLAGE or MARKET CENTRE
Maize <u>Maize ufa mgaiwa /</u> <u>Maize flour</u> Ufa woyera /Refined maize flour Chimanga / Maize grain (not as ufa) Chimanga chachiwisi / Green maize nsima/Maize porridge				
Other cereals <u>Mpunga / Rice</u> <u>Buledi/Bread</u> Ufa wa madeya / Bran flour Mawere / Finger millet Mapira / Sorghum Mchewere / Pearl millet Fulawa, Buledi, mabanzi, maskono,				

<i>mabisiketi / Wheat flour/Buns/Scones/Biscuits</i> <i>Mapira, mpunga, tirigu zakudya mammawa / Breakfast cereal, porridge</i> <i>Mapira, mpunga, tirigu zakudya ana mammawa / Infant feeding cereals</i> <i>Include grains used for food or alcohol.</i>				
Spent on grinding of maize, cereals, and any other products (Only include price of GRINDING service, not of the product itself. If purchased already ground, (e.g. maize flour), include in the product category (e.g. maize).				
Tubers and Roots <u>chinangwa / Cassava tubers</u> <u>Kachewere woyera / Irish Potato</u> Ufa wa chinangwa / Cassava flour Mbatata yoyela/ White sweet potao Mbatata yofiira mkati / Orange sweet potato Mbatatesi tchipisi / Potato chips Nthochi yophika / Plantain, cooking banana				
Legumes, Nuts & Seed <u>Ufa wa mtedza / Groundnut flour</u> Nyemba zoyera ndi zofiira / Beans, white and brown nandolo / Pigeon peas Mtedza / Groundnut Ufa wa soya / Soyabean flour Nzama / Ground bean				

Khobwe / Cowpea				
All vegetables Anyezi / Onions Tanaposi/Rape Tomato Kabichi / Cabbage Tchainizi / Chinese cabbage Masamba ena olimidwa / Other cultivated green leafy vegetables Masamba ena a mthengo / Gathered wild green leaves Nkhaka / Cucumber Dzungu, Nkhwani / Pumpkin, Pumpkin leaves Therere / Okra Bowa / Mushroom Masamba ena Chisoso Mamunaaligone Denje/local vegetables Chigwada/Cassava leaves				
Dairy and Eggs <u>Mazira / Eggs</u> Mkaka wauwisi / Fresh milk Mkaka waufa / Powdered milk Majarini / Margarine - Blue band Chiponde / Butter Chambiko / Chambiko - soured milk Yoghurt Mkaka wa ana wa m'botolo / Infant feeding formula (for bottle)				
Fish Nsomba zouma / Dried fish Nsomba zaziwisi / Fresh fish Nsomba za mchitini / Tinned fish Nsomba zowamba/ Smoked fish				
Meat Nyama ya ng'ombe / Beef				

Nyama ya mbuzi / Goat Nyama ya nkhumba/ Pork Nkhuku / Chicken Nyama zina-nkhanga, nkhunda ndi zina / Other poultry-guinea fowl, doves, etc Nyama zing'ono zing'ono-kalulu, mbewa / Small animal-rabbit, mice, etc Ngumbi, mafulufute / Termites, other insects (eg: caterpillar) Nyama za mchitini / Tinned meat				
Food from vendors <u>Mandazi /doughnut</u> Chimanga chophika/Chootcha cha mavenda / Maize - boiled or roasted Tchipisi cha mavenda / Chips Chinangwa chophika cha mavenda / Cassava - boiled Mazira ophika a mavenda / Eggs - boiled Nkhuku zapachiwaya / Chicken Nyama zapachiwaya / Meat Nsomba zapachiwaya / Fish Samusa / Samosa Zakudya za ku resitiranti / Meal eaten at restaurant				
Sugar fat oils <u>Shuga / Sugar</u> <u>Nzimbe / Sugar Cane</u> <u>Mafuta ophikira /</u> <u>Cooking oil</u>				
All fruits <u>Nthochi / Banana</u> Mango Nachesi, oranje, ndimu / Citrus- tangerines, orange, lemons, etc Chinanadzi / Pineapple Papaya Pichesi/ Peach				

Gwafa / Guava Peyala / Avocado Zipatso za chilengedwe (masau, malambe, etc) / Wild fruit Majambula/ Berries Apples Strawberries Mavwende/watermelon				
All non-alcoholic drinks <u>Tiyi / Tea</u> Khofi / Coffee Koko, millo / Cocoa, millo Sobo / Squash (Sobo drink concentrate) Juwisi wa zipatso / Fruit juice Freezes (flavoured ice) Soft drinks (Coca-cola, Fanta, Sprite, etc.) Madzi ogulitsa a Thobwa m'botolo / Bottled water or a plastic tubes				
Alcoholic drinks / tobacco Chibuku / Chibuku (commercial traditional-style beer) Maheu Mowa wa mmabotolo / Bottled/canned beer (Carlsberg, etc.) Masese / Traditional beer Waini / Wine or commercial liquor Kachasu / Locally brewed liquor (kachasu) Fodya/Tobacco				
Spices and Miscellaneous Mchere / Salt Yeast, baking powder,soda / Yeast, baking powder, bicarbonate of soda Zokometsera ndiwo / Spices Onga, Rajah,KaleTomato sauce (bottle)				

Soya Pieces Tsabola (Nali, etc.) Jam, jelly Sweets, candy, chocolates Uchi / Honey				
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Section 5.2: Non-food expenditure

Read: Now I would like to ask you about items / services purchased by your household. Please include all purchases made, regardless of which household member made them. Please exclude from your answers any items purchased for processing or resale in a household enterprise.

FO NOTE: The following questions ask about spending in the past 30 days

Frequent non-food items	Q5. In the past 30 days, how much did your household spend on [ITEM] in total? (MWK) <i>Enter zero if none are consumed. DK=-99</i>	Q6. (if non-zero purchases) From which village or market center did members of your household purchase [ITEM] in the last 30 days? <i>If multiple markets / villages, pick the main three where you spent most</i> Include “DK=-99” option
	MWK	VILLAGE or MARKET CENTRE
a. Airtime, other phone expenses		
b. Internet services, internet usage outside home		
c. Petrol, diesel, toll gates, transport such as bicycle, cart, car, truck, lorry, van, buses, taxis, flight or train tickets, donkey, etc, excluding transport for medical reasons		
d. Lottery tickets, sports bets, gambling, etc.		
e. Clothing and shoes		
f. Services paid for fixing, tailoring, ironing, cleaning clothes, etc.		
g. Recreation/entertainment such as books/magazines, music/CDs, videos, tickets to any entertainment		
h. Personal items (hair cuts, toiletries (shampoo, tooth paste, razor blades, cosmetics etc, combs)		
i. Other household items (soap, detergent, cleaning agents, toilet paper/tissues, air freshener, shoe polish, insecticide, matches, candles)		

j. Household fuel (such as firewood, charcoal, kerosene, gas, rechargeable and non-rechargeable batteries)		
k. Electricity or solar		
l. Water		
m. Mail, postal, or delivery services		
n. Insurance (health or other)		
o. Wages paid for domestic services (servants, cooking, watchman, gardener)		
p. House rent/mortgage, land/property rent		
q. Building/construction supplies (e.g. cement, bricks, metal sheets, doors, timber, labour, etc.)		
r. School devotement/contribution, and fees (such as printing fees for primary school)		
s. Religious expenses or other cultural ceremony services (e.g. initiation ceremonies, circumcision, dances, excluding weddings and funerals)		
t. Charitable donations (including tithing in church and other contributions, charity, beggar, contributions to village fundraisers for school fees, etc)		
u. Weddings, Funerals (including outside their household if contributed to their costs)		
v. Medical expenses (including consultation fees, medicines, hospital costs, lab test costs, ambulance costs, and related transport)		
w. Household durables:		
1 Vehicles (car, boat, bike, motorbike, handcarts, etc.)		
2 Furniture (bed, chair, vases, mirror, etc.)		
3 Carpets, linen, mattresses, mosquito nets		
3 Kitchen and HH equipment (cutlery, pots, pans, plates, etc.)		
4 Electronic equipment, (lamps, mobile phone, television, etc.)		
x. Lobola (bridewealth) cost		
y. Taxes, insurance, fees, market fees		
z. Bribes, fines, fees, etc.		
aa. Contributions to local public goods, for example water points, health points, village fundraisers, roads, etc.		

Q7. In the last 30 days, did you make any other significant expenditure (above MWK 2000) that we did not mention yet?

☐ Yes / No

a. **(if yes)** On what? _____

b. **(if yes)** How much did you spend additionally in total? MWK

c. **(if yes)** At which markets? *Select multiple.*

Section 5.3: Inflation perceptions and supply disruptions

Read: Now I would like to ask you about items/services purchased by your household. Please include all purchases made, regardless of which household member made them. Please exclude from your answers any items purchased for processing or resale in a household enterprise

1. In the **last 30 days**, do you feel like prices for goods and services in your village or market have changed *more than or faster than usually / previously*?

☐ a lot more
☐ somewhat more
☐ same as usually
☐ somewhat less
☐ much less

a. **(if somewhat more or a lot more)** Which types of goods? *Select all that apply.*

- 1 Maize
- 2 Meat
- 3 Fruits/Veggies
- 4 Other food
- 5 Farming materials
- 6 Household items
- 7 Home building materials
- 8 Other durable (non-food) items
- 9 Services (e.g. hair salon, tailoring, fixing a bike, etc.)

2. In the **last 30 days**, did you have any issues sourcing goods and services that you would have liked to purchase? For example, these goods were not available from sellers as usual? ☐ Yes / No

a. **(if yes)** Which types of goods were less available than usual? *Select all that apply.*

- 1 Maize
- 2 Meat
- 3 Fruits/Veggies
- 4 Other food
- 5 Farming materials
- 6 Household items
- 7 Home building materials
- 8 Other durable (non-food) items
- 9 Services (e.g. hair salon, tailoring, fixing a bike, etc.)

3. What is the price of 1kg of MAIZE today in this village, or the market you usually purchase maize at? MWK

a. **In the next 30 days**, do you expect prices of MAIZE to go up, down, or stay the same?

☐ increase a lot
☐ increase a little
☐ stay the same
☐ decrease a little
☐ decrease a lot

- b. **(if up/down)** How much do you think the price of 1kg of MAIZE will be **in 30 days from now?**

MWK

4. Now consider prices of NON-FOOD items you typically buy (the ones we just talked about). **In the next 30 days**, do you expect prices of these NON-FOOD ITEMS to go up, down, or stay the same?

☐ increase a lot

☐ increase a little

☐ stay the same

☐ decrease a little

☐ decrease a lot

- a. **(if up/down)** How much do you think prices of NON-FOOD ITEMS will change. That is, if you can buy something with 1,000 MWK today, what would those same items likely cost **in 30 days from now?**

MWK

b.

Section 6 - Agriculture and Livestock

Section 6.1 - Livestock

Read: We would now like to discuss the pastoral activities that you and other members of your household perform.

1. In the last **30 dayss**, did you or did members of your household perform any pastoralist activities for yourselves, own any livestock / animals at all, or produce or sell any animal products ? (1=Yes, 2=No) ☐

IF YES, proceed to the next question. IF NO, skip to Section 6.2.

2. Who in the household is the main decision maker with regards to pastoral activities?
☐ [HH Mem 1]
☐ ...
☐ [HH Mem N]

FO. If the main decision maker is present in the household at the time of the interview, please try to get the following information from this person. Otherwise, continue with the FR.

- a. **(Don't read, just tick)** Who is providing information on pastoral activities?
☐ [HH Mem 1]
☐ ...
☐ [HH Mem N]

Code	Livestock and Poultry	
	Livestock	3. In the last 30 days , did your household own this livestock at any point? 1 = Yes 2 = No
		If No skip to the next livestock
1	Chicken	
2	Ducks	
3	Pigeons	
4	Goats	
5	Sheep	
6	Pigs	
7	Cows	
8	Donkeys/Mules	
9	Horses	
10	Beehive	
11	Fish pond	
12	Quail	
13	Guinea fowl	
14	Rabbits	

-77	Other:	
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NOW LOOP THROUGH EACH ANIMAL SPECIES OWNED:

IF MORE THAN 5 ANIMAL SPECIES ARE OWNED, LOOP THROUGH THE 5 MOST IMPORTANT SPECIES. If the list is longer than 5 species, we will ask the respondent to choose their top 5

4. How many [ANIMAL] does your household currently own?	__ Number
5. (if any) What is the total value of the herd of [ANIMAL] your household currently owns? <i>Enumerator: Ask about the different types, age and value of the [LIVESTOCK] in the herd and ask for an overall estimate</i>	__ MWK
6. How many [ANIMAL] have you SOLD in the last 30 days?	__ Number
7. (if any) How much did you earn from the sale of [NUMBER] [ANIMAL]s in the last 30 days in total?	__ MWK
8. How many [ANIMAL] have you PURCHASED in the last 30 days?	__ Number
9. (if any) How much did you spend on purchasing [ANIMAL]s in the last 30 days?	__ MWK
(if any) How much did you pay for the last purchase of ONE [ANIMAL]?	__ MWK
10. In the last 30 days , did you produce, for sale or home consumption, any animal products from [ANIMAL]? <i>Enumerator: Prompt for meat, milk, eggs, honey, hides, wool, dung, etc.</i>	__ Yes / No
11. (if any) What is the total revenue/sales of these products from [ANIMAL] in the last 30 days?	__ MWK
12. (if any) How much of these products from [ANIMAL] were not sold, but instead consumed by members of your household in the last 30 days? <i>Enumerator: Prompt for market value.</i>	__ MWK

IF MORE THAN 5 ANIMAL SPECIES:

13. [Read] Now, let's talk about all other animals that you own, NOT INCLUDING all those already mentioned.	
a. What is the total value of all other animals NOT ALREADY MENTIONED your household currently owns?	__ MWK
b. What is the total value of all animals NOT ALREADY MENTIONED you SOLD in the last 30 days?	__ MWK
c. What is the total value of all animals NOT ALREADY MENTIONED you PURCHASED in the last 30 days?	__ MWK
d. What is the total revenue/sales of animal products NOT ALREADY MENTIONED in the last 30 days?	__ MWK

Read: Now, I would like you to think of ALL the pastoralist activities together.

14. Please select household members who took part in pastoralist activities in the **last 7 days**.

☐ [HH Mem 1]

☐ ...

☐ [HH Mem N]

LOOP OVER THESE HOUSEHOLD MEMBERS {

15. How many hours did each household member work on pastoralist activities in **the last 7 days**?

Include feeding, guarding, herding, collecting animal products, etc. Include ZERO for members who did not work on pastoralist activities.

}

16. In total, how many workers from outside the household did you hire to work on pastoralist activities in the last 30 days ? <i>Include maids and shepherds that live with you, but that you do not consider part of the household (that are not captured in the household roster). Count casual workers that worked part-time as well.</i>	number
17. (if any) How much did you spend on wages for workers from outside the household for pastoralist activities during the last 30 days ? <i>If payment is in kind, ask to estimate in MWK. Prompt for main and lean seasons.</i>	MWK
18. How much did you spend on the following items for all pastoralist activities during the last 30 days ? a. Tools and machinery b. Animal feed c. Animal medicine / vet d. Animal insurance e. Any other variable input cost not already mentioned , please specify: (TEXT) _____ <i>If unsure, FR can estimate.</i>	MWK MWK MWK MWK MWK MWK
19. Take into account all the purchases, sales, all proceeds from animal products, as well as all expenses related to pastoralist activities. How much did your household receive in total profits – that is, sales net of any costs – from this pastoralist activities in the last...? <i>Include net profit from the purchase/sale of livestock/poultry/fish as well as from other animal products. FOs should guide the respondent to recall the 30 days of full 12 months past. For 12 months, think of each growing cycle and harvest.</i> READ: Profits are your total sales net of total costs for labor, land, machines, tools.	30 days

20. (if any purchases or sales of livestock or livestock products) In the last 30 days, where did you typically sell or buy livestock or livestock products? <i>Select all that apply.</i>	☐ at the homestead/in the village to other households ☐ at the homestead/in the village to traders ☐ in another village in Chiradzulu ☐ at a market center in Chiradzulu ☐ outside Chiradzulu
21. (if marketplace in Chiradzulu) At which market(s) in Chiradzulu did you typically sell or buy livestock and livestock products in the last 30 days? <i>Select all that apply.</i> i. What are the TAs of all other MARKETS? ☐ [TA 1] ... ☐ [TA N] ☐ Other ii. Which MARKETS ? <i>Filtered from i.</i> ☐ [Market 1] ☐ ... ☐ [Market N] ☐ Other iii. (if other) Which other MARKETS (not already mentioned)? _____	
22. (if in another village in Chiradzulu) At which OTHER VILLAGES in Chiradzulu did you typically sell or buy livestock and livestock products in the last 30 days? Make sure to select the TA for ALL of the VILLAGES. i. What are the TAs of all other VILLAGES? <i>Select multiple.</i> ☐ [TA 1] ... ☐ [TA N] ☐ Other ii. What are the GVHs of all other VILLAGES? <i>Filtered from i. Select multiple.</i> ☐ [GVH 1] ... ☐ [GVH N] ☐ Other	

iii. What are the VILLAGES? Filtered from b. Select multiple. ☐ [village 1] ... ☐ [village N] ☐ Other iv. (if other) Which other VILLAGES (not already mentioned)? _____	
23. (If outside Chiradzulu) Where?	_____
24. If multiple: What percentage of total earnings from selling livestock, and livestock or animal products did you earn in each of these locations?	☐ at the homestead/in the village ☐ [market 1] ☐ [market N] ☐ [village 1] ☐ [village N] ☐ Other: _____
25. Have you experienced any destruction, or theft or vandalism of livestock in the last 30 days? <i>Select all that apply.</i>	☐ None ☐ Theft/vandalism ☐ Destruction: Flood ☐ Destruction: Drought ☐ Destruction: disease ☐ Other: specify _____
26. (if any) How much was the total loss to your household from such destruction, theft, disease, or vandalism?	☐ MWK

Section 6.2 - Agricultural activities

Read: We would now like to discuss the agricultural activities that you and other members of your household perform.

1. **In the last 12 months**, did or do members of your household perform any agricultural non-livestock activities for yourselves, grow any crops, or use any land to produce food? (1=Yes, 2=No) ☐

IF YES, proceed to the next question. IF NO, skip to Section 7

2. Who in the household is the main decision maker with regards to agricultural non-livestock activities?
☐ [HH Mem 1]
☐ [HH Mem 2]
☐ [HH Mem 3]
☐ [HH Mem 4]

FO. If the main decision maker is present in the household at the time of the interview, please try to get the following information from this person. Otherwise, continue with the FR.

a. **(Don't read, just tick)** Who is providing information on agricultural non-livestock activities?

- ☐ [HH Mem 1]
☐ [HH Mem 2]
☐ [HH Mem 3]
☐ [HH Mem 4]

ENUMERATOR: Explain. We would now like to know about your agricultural activities **AFTER, BUT NOT INCLUDING, THE LAST HARVEST SEASON (APPROX. APRIL 2025).**

That is, we would like to know about your agricultural activities after the last harvest, during this dry season, planting season, and what you have done in preparation for the next harvest season up to today.

3. Think of all the land that you used **since/after the last harvest season (approx. April 2025)** for agriculture. Include all land that you **own (even if you rented it out) as well as any land that you rented or share-cropped, and including land you left fallow.**

Since/after the last harvest season (approx. April 2025), did you... select all that apply

- ☐ own any land
☐ rent out any land that you own
☐ rent in or sharecrop any land
☐ none of the above
☐ refuse to answer
☐ don't know

4. (5. = 1 to 3) How many **plots** or **gardens** did you own, rent in, or rent out, for **agriculture since/after the last harvest season (approx. April 2025)** ? plots and gardens
5. I am now going to ask you some questions about [the three most important] of these plots or gardens.

LOOP THROUGH EACH PLOT/GARDEN {

- a. Now, let us talk about plot/garden number [1/2/3]. What is the area of this plot / garden?

An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field. If the respondent would like to respond in another unit (such as hectares or metres squared), tick 'answer not in acres'.

☐ Acres

☐ Answer not in acres

- i. **(If not in acres)**

☐ Hectares

☐ Metres squared

☐ Other

- ii. Amount

- b. Who in the household is the main decision maker with regards to agricultural non-livestock activities on this plot?

☐ [HH Mem 1]

☐ [HH Mem 2]

☐ [HH Mem 3]

☐ [HH Mem 4]

- c. **Since/after the last harvest season (approx. April 2025)**, did you ...

☐ ... own this plot/garden

☐ ... rent in / sharecrop this plot/garden

- d. **(if own)** Did you...

☐ purchase this plot/garden

☐ get this plot/garden as a gift

☐ inherit this plot/garden

- e. **(if purchase)** When did you purchase this plot/garden? /

- f. **(if purchase)** How much did you pay to acquire this plot? MWK
- g. **(if own)** Did you rent OUT this plot/garden **in the last 30 days?**
 No, I only used it myself
 Yes, I rented/sharecropped it out
 Yes, I rented/sharecropped it out AND used it myself for some of the time
- h. **(if own)** How much is this plot/garden worth today, if you sold it at the current market price?
 MWK
- i. **(if rented out or both)** For how much do you rent/sharecrop out this plot/garden?
Enumerator: If paid in kind, ask respondent to estimate value of payment in MWK.
 per period
 Amount
- j. **(if rent/share-cropped in (7c))** For how much did you rent or sharecrop this plot/garden? *Enumerator: If paid in kind, ask respondent to estimate value of payment in MWK.*
 per period
 Amount
- k. **(if any of the above)** Since/after the last harvest season (approx. April 2025) , which crops did you grow on this plot, **or plan to grow on this plot during this season? Think of all the crops that you have grown and harvested during the dry season (with irrigation), as well as any crops you are currently planting or preparing to plant this season.** *Enumerator: Please prompt for ALL crops grown. Select multiple.*

1= RICE 2= MAIZE 3= CASSAVA 4= IRISH (MALAWI) POTATO 5= SORGHUM (MAPIRA) 6= GROUNDNUTS 7= SWEET POTATO 8= TEA 9= FINGER MILLET (MAWERE) 10=PEARL MILLET (MCHEWERE)	17=BANANAS 18= PUMPKIN LEAVES (NKHWANI) 19=OKRA (THERE) 20=TOMATO 21=ONIONS 22=PEAS 23= GREEN BEANS (ZITHEBA) 24= EGGPLANT 25=SUNFLOWER 26=TOBACCO 27=PINEAPPLE 28=AVOCADO	34=TANGERINE (/NAARTJIE) 35=CHICKPEAS 36=COWPEAS (KHOBWE) 37=ORANGE 38=PAPAYA 39=CUSTARD APPLE (POZA) 40=SUGAR PLUM (MASUKU) 41=PEACH 42=MASAU 43=MACADAMIA	51= GINGER 52=OTHERS
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11= BEANS 12=SOYABEAN 13=PIGEONPEA (NANDOLO) 14=SUGAR CANE 15=CABBAGE 16=TANAPOSI/RAP E	29=MANGO 30=SPINACH 31=GARLIC 32=LEMON 33=GUAVA	44=PUMPKIN 45= CARROT 46=LETTUCE 47=CUCUMBER 48=MUSHROOM 49= COTTON 50=GREEN PEPPER	
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I. (if multiple) Loop through each CROP (MAX 5) {

- i. How much of the total [amount] [unit]s of this plot/garden did you use to cultivate [crop]? *An acre is about the size of a football field. You can help them to estimate the amount of land they have cultivated by asking them to compare their land size to a football field. If the respondent would like to respond in another unit (such as hectares or metres squared), tick 'answer not in acres'.*

☐ Acres

☐ Answer not in acres

ii. (If not in acres)

☐ Amount

☐ Unit

}

}

SurveyCTO: The respondent said that the following crops were cultivated in the last 12 months:

☐ Crop 1

☐ Crop 2

...

NOW LOOP THROUGH EACH CROP CULTIVATED: IF MORE THAN 5 CROPS ARE GROWN, LOOP THROUGH THE 5 MOST IMPORTANT CROPS.

If the list is too long, we will ask the respondent to list the 5 most important crops.

7. Since/after the last harvest season (approx. April 2025), did you..? Select all that apply. ☐ prepare land for [crop] ☐ plant, seed, or purchase seeds for [crop] ☐ grow, weed, irrigate land for [crop] ☐ harvest any [crop] ☐ None of the above, simply left fallow (Restriction, cannot be chosen with others)	

6. (if harvested) Since/after the last harvest season (approx. April 2025), in total across each of your plots, how much of [CROP] did you produce/harvest? <i>If unsure, FR can estimate.</i>	Unit Amount
7. (if harvested) Since/after the last harvest season (approx. April 2025) , how much of the [AMOUNT] [UNIT] OF [CROP] did members of your household consume yourself? <i>If unsure, FR can estimate</i>	Unit Amount
8. Since/after the last harvest season (approx. April 2025), did you sell any of the output of [CROP] ? ?	Yes / No
9. (if yes) Since/after the last harvest season (approx. April 2025), , how much did you sell? <i>If unsure, FR can estimate</i>	Unit Amount
10. (if yes) What was the total revenue / earnings from selling [AMOUNT] [UNIT] of [CROP] since/after the last harvest season (approx. April 2025) <i>If unsure, FR can estimate</i>	MWK
11. If you went to the market today, how much could you sell ONE [UNIT] of [CROP] for?	MWK
12. (if any sales of agricultural products) Since/after the last harvest season (approx. April 2025),, where did you typically sell [CROP] ? <i>Select all that apply.</i>	☐ at the homestead/in the village to other households ☐ at the homestead/in the village to traders ☐ in another village in Chiradzulu ☐ at a market center in Chiradzulu ☐ outside Chiradzulu
13. (if marketplace in Chiradzulu) At which market(s) in Chiradzulu did you typically sell [CROP] since/after the last harvest season (approx. April 2025),? Select all that apply. i. What are the TAs of all other MARKETS? [TA 1] ... [TA N] Other ii. Which MARKETS ? <i>Filtered from i.</i> [Market 1] ... [Market N] Other	

iii. (if other) Which other MARKETS (not already mentioned)? _____	
14. (if in another village in Chiradzulu) At which OTHER VILLAGES in Chiradzulu did you typically sell [CROP] since/after the last harvest season (approx. April 2025),? Make sure to select the TA for ALL of the VILLAGES. i. What are the TAs of all other VILLAGES? <i>Select multiple.</i> ☐ [TA 1] ... ☐ [TA N] ☐ Other ii. What are the GVHs of all other VILLAGES? Filtered from i. <i>Select multiple.</i> ☐ [GVH 1] ... ☐ [GVH N] ☐ Other iii. What are the VILLAGES? Filtered from b. <i>Select multiple.</i> ☐ [village 1] ... ☐ [village N] ☐ Other iv. (if other) Which other VILLAGES (not already mentioned)? _____	
15. (If outside Chiradzulu) Where?	_____
16. If multiple: What percentage of total earnings from selling crops and agricultural products (excl. livestock) did you earn in each of these locations?	☐ at the homestead/in the village ☐ [market 1] ☐ [market N] ☐ [village 1] ☐ [village N] ☐ Other: _____
17. How many [UNIT]s of [CROP] do you currently have in storage?	☐ Unit ☐ Amount
18. Since/after the last harvest season (approx. April 2025), , did you lose any [crop], due to...	☐ Theft/vandalism ☐ Destruction: Flood ☐ Destruction: Drought ☐ Pests ☐ Rotting /

	damage ☐ Other: specify_____
19. (if any) How much was the total loss to your household from such destruction, theft, pests, damage, rotting, or vandalism of [crop] since/after the last harvest season (approx. April 2025) ?	☐ MWK
20. (if planted/seed) Since/after the last harvest season (approx. April 2025), , did you purchase any seeds for [CROP]? Include purchases for which you used vouchers from the affordable inputs program.	☐ No, retained seeds from last year ☐ No, was gifted ☐ Yes
21. (if any) What type of seeds?	☐ there is only one kind ☐ local / saved ☐ recycled (improved) ☐ improved ☐ hybrid ☐ composite / mixed ☐ Open Pollinated ☐ Don't know ☐ Refuse to say
22. (if purchased seeds) Since/after the last harvest season (approx. April 2025 , how much did you spend in total on seeds for [CROP]?	☐ MWK
23. (if purchased seeds) Did you use any COUPONS from the affordable inputs program?	☐ Yes/No/Don't know/Refuse to answer
24. (if used coupons) Of the [total expenditure on seeds (MWK)] that you spent on seeds of [CROP], how much did you purchase using COUPONS?	☐ MWK
25. (if planted or grew) Since/after the last harvest season (approx. April 2025), how many times did you plant [CROP], due to seeds not germinating? <i>Enter 1 if planted only once.</i>	☐ number of times

Read: Now, I would like you to think of ALL the agricultural activities together.

26. How many hours did each household member work on agricultural activities in the last 7 days? <i>Include weeding, watering, harvesting, sowing, planting, etc. Include ZERO for members who did not work on agricultural activities.</i>	☐ [HH Mem 1] ☐ [HH Mem 2] ☐ [HH Mem 3] ☐ [HH Mem 4]
27. In the last 30 days , did you hire any workers from outside the household for...	☐ plowing/land preparation ☐ weeding ☐ watering ☐ harvesting ☐

	shelling/threshing/p eeling ☐ cleaning ☐ planting ☐ any other agricultural work
28. In total, how many workers from outside the household did you hire to work on agricultural activities in the last 30 days ? <i>Count casual workers that worked part-time as well.</i>	number
We will now ask some information about the \${s6_ag_emp_repeat_num} most important workers hired from outside the household for agriculture.	
29. LOOP THROUGH UP TO 5 MOST IMPORTANT WORKERS	
a. What is the name of AG WORKER #1/2/3 <i>Put -88 for refuse, -99 for don't know</i> : _____	
b. What is this [AG WORKER]'s gender? (1=Male, 2=Female)	
c. What is this [AG WORKER NAME]'s age (in years)? <i>Put -88 for refuse, -99 for don't know</i>	
d. Where does [AG WORKER NAME] live? ☐ this village: [HH village] ☐ Other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu: _____ ☐ Refuse to answer ☐ Don't know	
e. (if other village in Chiradzulu) Where? ☐ TA ☐ GVH ☐ village ☐ other: _____	
f. (if owner village, or other village in Chiradzulu and village has been censused) Pre-load all households from the village census/tracking sheet. In which of the following households does \${AG WORKER NAME} live? ☐ PM name (nickname, age, gender), PF name (nickname, age, gender)	
g. Aside from being an employee, what is [AG WORKER]'s relationship to [PRIMARY OWNER]? Use G4 codes. Select all	
f. How many hours did \${AG WORKER} work for this business in the last 7 days? <i>Put -88 for refuse, -99 for don't know.</i>	
30. (if any) How much did you spend on salaries for workers from outside the household for agricultural activities during the last 30 days ? <i>If payment is in kind, ask to estimate in MWK.</i>	MWK

31. Have you ever offered agricultural work to anyone to help them out? This may include hiring someone for charity reasons, assigning symbolic or not-needed tasks, paying for idle time, or giving work that you or your existing employees could have done yourselves (i.e., redundant work). ☐ (Yes/No) b. (if 31 yes) In the last 30 days, did you offer anyone work to help them out / for charity? ☐ yes / no i. (31.b yes) In the last 30 days, did you offer anyone work to help them out or for charity <u>even if you did not need the work?</u> (For example, symbolic or not-needed work, paying for idle time, or tasks you or your existing workers could have done.) ☐ yes / no ii. (if 31.b yes) How many workers did you offer to help out for charity, in the last 30 days? We refer to people you offered work for charity reasons, including by giving work that you did not need, or you could have performed yourself. number iii. (if 31.b yes) What is the total amount of hours you gave to these charity or symbolic workers in the last 30 days? Put -88 for refuse, -99 for don't know.	
32. Since/after the last harvest season (approx. April 2025) , did you purchase or use any... ☐ organic fertilizer, including manure, etc. ☐ chemical fertilizer a. (if any) Since/after the last harvest season (approx. April 2025) , how much of the following types of fertilizers did you purchase? Include fertilizer purchased using COUPONS from the Affordable Inputs Program. NPK: Amount kgs; Price MWK Urea: Amount kgs; Price MWK Other fertiliser: Amount kgs; Price MWK b. (if any) LOOP THROUGH EACH { Of the [amount] kg OR [cash amount] MWK of [NPK/UREA/Other Fertilizer] that you purchased since/after the last harvest season (approx. April 2025) , how much did you purchase using COUPONS from the Affordable Inputs Program. Note – if the COUPONS were in quantity units, estimate how much the fertilizer would have cost if you had to purchase the fertilizer in cash. MWK }	
33. Since/after the last harvest season (approx. April 2025) , did you use any pesticides or herbicides, for example Round up, Sypermethrine, Lapada, Thiamex, or others? A. (if any) Since/after the last harvest season (approx. April 2025) how much did you spend in total on all pesticides or herbicides?	☐ Yes / No MWK

b. Of the [cash amount] MWK of pesticides or herbicides that you purchased since/after the last harvest season (approx. April 2025) , how much did you purchase using COUPONS from the Affordable Inputs Program. Note – if the COUPONS were in quantity units, estimate how much the herbicides/pesticides would have cost if you had to purchase the fertilizer in cash. MWK	MWK
34. Did you purchase any other inputs using COUPONS from the Affordable Inputs Program? Yes / No a. (if yes) Which? _____ b. (if yes) How much were these other inputs worth if you had to purchase them in the market today? MWK	
35. Adoption of high-yield agricultural practices. Since/after the last harvest season (approx. April 2025) , did you use ... a. Any irrigation b. Row planting, or regular spacing between rows of crops c. Ploughing d. Composting e. Crop rotation f. Leaving a garden/plot fallow g. (if row planting) How did you measure the spacing between rows? estimation planting stick string other: _____ h. (if row planting) Approximately how far apart are the rows you planted / how long is your measuring device? <i>Enter in cm, enter -99 for don't know</i>	Yes / No
36. How much did you spend on the following items for this activity since/after the last harvest season (approx. April 2025) across all plots/gardens, and all crops? a. Tools and machinery (e.g. plows, machetes, tractors, maintenance, etc.) b. Buildings or structures, for storage, etc. c. Irrigation / water, including ditches, drainage, fuel for the pump, etc. d. Agricultural insurance e. Any other variable input cost not already mentioned, please specify: _____ <i>If unsure, FR can estimate.</i>	MWK MWK MWK MWK MWK
37. Are you a member of the One Acre Fund? a. (if yes) For how many years?	Yes / No years

List B	
1 KILOGRAMMES 2 Buckets 3 Plates 4 Bundles/Heaps	-77 OTHER (Specify)

Section 7 - Self-Employment

1. (If reported non-ag business at baseline/census)

DO NOT READ:

During the last survey , this household reported operating: **`\${s5\_num\_ent}`** businesses

In the following screen, we will show details of these businesses. Please confirm these details with the respondent.

Foreach business (up to 3) {

We have the following details on record for a business operated by your household

Details of the [nth] business:

Name: `\${s5\_business\_name}`

Business activity: `\${s5\_business\_activity}`

Type: `\${s5\_enterprise\_bizcat}`

Location: `\${biz\_location}`

Main decisionmaker: `\${biz\_owner}`

(If at market) [TA: ; Market] |__|

(If at village) [TA: ; GVH: ; Village:] |__|

a. Is this business still operating?

|__| Has operated in the last 30 days

|__| Has closed temporarily (has not opened in last 30 days)

|__| Has closed permanently

|__| The preload information is incorrect - the respondent does not recognize this business

|__| FR does not recognize the business/ has never run this business

b. (If closed) Why has the business closed?

|__| Seasonal closure

|__| The business wasn't making profit

|__| Owner unavailable/illness

...

c. (if closed) When did this enterprise close? |__|_| / |__|_|_|_|

d. (If a != incorrect preload) Which of the following pieces of information need to be updated? *Correct / Update*

Name: `\${s5\_business\_name}` |__|

Business activity: `\${s5\_business\_activity}` |__|

Type: `\${s5\_enterprise\_bizcat}` |__|

Location: \${biz_location} |____|
Main decisionmaker: \${biz_owner}
(If at market) [TA: ; Market] |____|
(If at village) [TA: ; GVH: ; Village:] |____|

- e. (if FR does not recognize the business) Note: If the FR does not recognize the business and/or has never run this business, please make sure you are at the right house and are talking to the appropriate person who has knowledge of the businesses run in the household.
- f. (if FR does not recognize the business) Do you confirm you are at the right household and the FR really does not recognize this business? |____| Yes/NO

}

(If not reported non-ag business at last survey)

DO NOT READ:

During the previous survey, this household did not report operating a business. Please still prompt carefully, as we need to understand if any new businesses have been created

- 2. (If not operated business in the last 30 days from 1a) In the **past 30 days** , have you, or members of your household, been self-employed or run a business to earn a living, not including any agricultural business that we have already discussed? *Prompt: A non-agricultural business or self-employment is any activity that you do for money, where you sell something, even if it is not much. Count any business where the household has sold more than 5,000 Kwacha in a typical month. Prompt for all household members, not just the respondent. Prompt even for businesses that no longer operate.*

If YES, continue to question 3. Otherwise, SKIP to next section

PART A: Listing businesses

- 3. How many businesses or self-employed activities **other than the \${s5_num_ent} we just discussed** has your household run **in the last 30 days** , **including businesses that are currently no longer operating?**

Note: We are asking for the total number of businesses the household has run. Only count agriculture as a business if the household is both purchasing and retailing agricultural goods (not just producing them and selling them themselves, as this is captured above under agriculture). Include all the self-employment the FR or someone else in the household has had. The FR can invite relevant person in to help answer questions for this part. Enter -88 if the respondent refuses to say, and -99 if the respondent doesn't know
|____|

Read: I will now ask some brief details about these [number] enterprises in turn. If any of these enterprises stopped operating in the last 30 days, please provide the details as they were at the time of closing.

REPEAT FOR EACH ENTERPRISE {

4. Who is the primary decision maker / owner for this business?
☐ [HH member 1]
 ...
☐ [HH member N]
5. Specify the other household member who is the primary decision maker / owner for business\${index7_1}?
If the respondent mentions that the owner is not part of the household, mention them that those questions are specific to businesses owned by someone in the household, and change your answers accordingly _____
6. Name of the business: _____
7. Briefly describe this business activity:

8. What is the primary sector of the enterprise \${name of the business}? By primary enterprise category, we mean the main thing that a business is doing. You may select multiple, but do not list any small side activities, but only the main ones. *Select all that apply.*

Food vendors

- ☐ Raw food stalls (fruit, vegetables, etc.)
- ☐ Processed food stalls (small grocery store, etc.)
- ☐ Cereals and other grains
- ☐ Jaggery / sugar
- ☐ Butcher
- ☐ Fish sale / monger
- ☐ Sale / brewing of homemade alcohol
- ☐ Livestock vendors

Agriculture / Livestock

- ☐ Agricultural / vet supplies (seeds, vet medicine, etc.)
- ☐ Tree / plant nursery
- ☐ Chicken vendor
- ☐ Cattle vendor
- ☐ Other livestock vendor

Non-Food vendors

- ☐ Household items and supplies (soap, pots, pans, etc.)
- ☐ Hardware stores/stalls
- ☐ Electronic goods seller
- ☐ Arts and crafts, baskets, etc.
- ☐ Clothing and footwear seller
- ☐ Charcoal vendor
- ☐ Brick, stone, sand, wood vendors
- ☐ Gas / kerosene / paraffin vendor
- ☐ Water seller
- ☐ Chemist / pharmacy
- ☐ Furniture vendor (but not a carpenter)
- ☐ Tobacco vendor / processing
- ☐ Filling station / petrol station

Manufacturing

- ☐ Carpenter / woodwork
- ☐ Metalwork / welding
- ☐ Motor vehicles mechanic (bikes, cars)
- ☐ Bicycle mechanic
- ☐ Tailor / shoemaker
- ☐ Maize mill / grain mill

Services (including transport)

- ☐ Beauty salon / barber shop
- ☐ Mobile charging / mobile money agent
- ☐ Restaurant / Bar / Tea room
- ☐ Guesthouse / hotel
- ☐ Video room / football hall
- ☐ Photo studio / cyber cafe / CD burning
- ☐ Laundry
- ☐ Herbalist / traditional medicine / witchcraft
- ☐ Phone repair / electronics repair

Transport

- ☐ Motorcycle transport
- ☐ Cycle transport
- ☐ Minibus / taxi / etc.
- ☐ Other: _____

9. From where does this enterprise operate? *Select all that apply.*

Note: for consumer facing firms, operating means selling. For production-based enterprises, operating means producing.

- ☐ Homestead
- ☐ This village, but not in the homestead
- ☐ Another village in Chiradzulu
- ☐ In a market center in Chiradzulu
- ☐ Outside Chiradzulu district
- ☐ Refuse to answer
- ☐ Don't know

- a. **(If any market in Chiradzulu)** At which markets in Chiradzulu has this business operated in the **last 30 days**? Please first enter the TA of each of these MARKETS. Make sure to select the TA for ALL of the markets.

- b. What are the TAs of all MARKETS? ☐ [TA 1]

...

☐ [TA N]

☐ Other

- c. Which MARKETS ? **Filtered from b.**

☐ [Market 1]

☐ ...

☐ [Market N]

☐ Other

- d. **(if other)** Which other MARKETS (not already mentioned)?

- e. (if in another village in Chiradzulu) At which OTHER villages in Chiradzulu has this business operated in the last 30 days? Please first enter the TA of each of these VILLAGES. Make sure to select the TA for ALL of the villages.

- f. What are the TAs of all other VILLAGES? Select multiple.

☐ [TA 1]

...

☐ [TA N]

☐ Other

- g. What are the GVHs of all other VILLAGES? Filtered from f. Select multiple.

☐ [GVH 1]

...

☐ [GVH N]

☐ Other

- h. What are the VILLAGES? Filtered from g. Select multiple.

☐ [village 1]

...

☐ [village N]

☐ Other

- i. (if other) Which other VILLAGES (not already mentioned)?

- j. **(if outside Chiradzulu district)** Specify: _____

10. Are members of your household currently still running this enterprise/activity?

(1=Yes, currently running, 2=No, no longer running) ☐

11. When did this enterprise close? ☐☐☐ / ☐☐☐☐

12. Was this closure permanent?

☐ Yes, permanent

☐ No, intend to re-open

☐ Don't know

☐ Refuse to answer

} END REPEAT

FO: At this point, we have the full list of all enterprises the household has run in the past 12 months and whether each is currently operating or not. We will ask more detailed questions about each enterprise in turn.

PART B: Business details

Read: Your household has run [XX] number of enterprises in the past. I will now ask more detailed questions about each of these enterprises in turn.

Enumerator note: the questionnaire will be longer for enterprises operating primarily in the village (as we have detailed information for enterprises operating from markets in the market census and enterprise survey.)

REPEAT THROUGH EACH ENTERPRISE THAT WAS OPEN AT ANY POINT DURING THE LAST 30 days {

Read: We are now discussing the following enterprise/activity:
Primary decision maker: [DECISION MAKER]
Enterprise/activity name: [ENTERPRISE NAME]
Primary enterprise category: [PRIMARY CATEGORY]
Operating status: [OPERATIONAL/CLOSED]

ENUMERATOR: If the primary decision maker for this enterprise is present, please try to collect further details on this enterprise/activity from that person. Otherwise, continue with the main respondent.

13. **NOTE: The following section is about THIS PARTICULAR NON-AGRICULTURAL BUSINESS. All questions relate to that business only, and not to other businesses in the household, or household agricultural or pastoral activities.**

Note: If the business closed down, we want this information at the time of closing.

14. Who is providing information on this business?
☐ (1=Owner/primary decision maker/ 2=Other household member)
- a. **(if other household member)** Are you sure you cannot find the owner/employee?
We really want to speak to the primary decision maker of this business to get accurate information. If possible, go fetch them.
☐ Not possible to fetch them at all
15. At its primary location, where is this enterprise operating from?
☐ Own building
☐ Shared building
☐ Market stall / structure
☐ Oxcart / trailer / truck / other moving stall
☐ Table
☐ On the floor
☐ Other: _____
16. What is/was the ownership structure of this enterprise?
Enterprise/activity name: [ENTERPRISE NAME]

Note: an enterprise has a Single Owner if all of its assets are owned by one individual person. If more than one person has a claim to the enterprise's assets (such as the original owner plus their spouse), it is considered Joint Ownership. If an enterprise is owned by

everyone involved with or working for it, it is considered a Cooperative.

- ☐ Single Owner
☐ Joint Ownership – within the household
☐ Joint Ownership – with people outside the household
☐ Cooperative
☐ Other: _____

- a. **(if joint ownership/cooperative with people outside the household)** Other than members of your household, how many other owners does this enterprise have?

17. **(IF NEW BUSINESS)** When did this business first begin operating?

/ month / year

18. **(if NEW BUSINESS and operating only from 'homestead', 'this village' or 'another village in chiradzulu)** How much did you invest in order to start, purchase or gain control of this business? Include all monetary assistance that others contributed to allow FR to start this business. MWK

19. **(if NEW BUSINESS and operating only from 'homestead', 'this village' or 'another village in chiradzulu)** How did you obtain the resources you initially invested in this business? *Select all that apply*

- ☐ Own savings
☐ Loan from relatives
☐ Gift from relatives
☐ Loan from friends
☐ Gift from friends
☐ Bank loan
☐ ROSCA
☐ SACCO
☐ Moneylender
☐ Mobile credit
☐ NGO cash transfer or other program
☐ Government cash transfer or program
☐ Other (specify): _____

20. a. How many DAYS was this enterprise/activity open for customers **in the last 7 days**?

- b. **(if a > 0)** On those days when the enterprise was open **in the last 7 days**, how many hours was the enterprise usually open per day?

21. **READ:** Revenue is your total sales. That is, all the money that you have received from any customers.

Include all sales of all products and services that you provide.

I am now going to ask you questions about this business' revenue / total sales. Can you answer two short questions about its revenues?

Yes / no / don't know / refuse to answer

22. **(If no)** This question is really important. If the respondent doesn't want to answer, attempt these strategies:

1. If they don't know, please try to help the respondent estimate. Ask about profit on a typical day, and how many days they were open over the period.

2. If they refuse, remind them we will not share this data with anyone

☐ Confirm, they really do not know

☐ Confirm, they don't want to disclose

☐ No, we can proceed with the question

23. **(If yes) READ: Please Include all sales of all products and services that you provide.**

What was the total **revenue/earnings** of this enterprise over the ... *[hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response. Enter -88 for refuse to answer and -99 for don't know]*

a. **Last 7 days?** ☐ MWK

b. **In the last 30 days?** ☐ MWK

24. **READ:** Profits are your total sales after paying all expenses including purchases of supplies and materials, the wages of employees, rent, and any other business expenses. It's what's left over as income for the owner(s) at the end of the day.

Profits have to be lower or equal to sales, and can be negative if you made losses.

Subtract all costs, including materials and supplies, wages, rent, security, taxes and fees, etc. If you sell produce from your own farm or cooperative, subtract these costs by estimating what you would have paid if you purchased these goods wholesale.

I am now going to ask you questions about this business' profits. Can you answer two short questions about its profits?

☐ Yes / no / don't know / refuse to answer

25. **(If no)** This question is really important. If the respondent doesn't want to answer, attempt these strategies:

1. If they don't know, please try to help the respondent estimate. Ask about profit on a typical day, and how many days they were open over the period.

2. If they refuse, remind them we will not share this data with anyone

☐ Confirm, they really do not know

☐ Confirm, they don't want to disclose

☐ No, we can proceed with the question

26. **(If yes)** What was the total **profit** of this enterprise over the ... *[hint: Here we mean the amount the business received AFTER paying for expenses for this business, including hired workers, money for household members who helped, purchase of goods for sale or for inputs, such as raw materials, fuel, and electricity, but before purchasing personal items for yourself or your household. If unsure, FR can estimate. Ask in terms of ""commission"" if the*

FR runs an M-Pesa shop. If the business is co-owned, please report the TOTAL profit of the business, the share of your household.))

- a. **Last 7 days?** MWK
b. **In the last 30 days?** MWK

27. **(if joint ownership outside the household/cooperative)** What share of this profit was earned by your household? That is, what was your household's income, net of any expenses, from this business?

- a. Last 7 days? MWK **[CAPI, ensure smaller than above]**
b. In the last 30 days? MWK **[CAPI, ensure smaller than above]**

28. **(if operating only from 'homestead' or 'village in Chiradzulu')** We are now going to ask you some questions about this business' earnings/revenue on a WEEKLY BASIS. Based on what you told us above, your total sales in the last 7 days were [SALES IN LAST 7 DAYS] MWK.

- a. Think of the BEST WEEK for this business **in the last 30 days**. This is the week where the business sold the MOST. What were the total earnings/revenue of this enterprise in THAT BEST WEEK? *Note: in this instance, "earnings" refers only to revenue, not profit. Only count money in, do not subtract any expenses. Therefore, even if a business is not profitable / loses money, their revenue must be a positive number.* MWK
- b. Think of the WORST WEEK for this business **in the last 30 days**. This is the week where you sold the LEAST. What were the total earnings/revenue of this enterprise in THAT WORST WEEK? *Note: in this instance, "earnings" refers only to revenue, not profit. Only count money in, do not subtract any expenses. Therefore, even if a business is not profitable / loses money, their revenue must be a positive number.* MWK

CAPACITY UTILIZATION:

29. **(if operating only from 'homestead' or 'village in Chiradzulu')** Assume this business was operating at FULL PRODUCTION CAPABILITY for 30 days. What would be the total earnings of this business at full production capability over 30 days?

Assume the following conditions:

- *existing machinery and equipment in place and ready to operate*
- *normal downtime*
- *labor, materials, utilities, etc. are fully available*
- *the number of shifts, hours of operation and overtime pay that can be sustained under normal conditions and a realistic work schedule in the long run.*
- *the same product mix as the actual production.*

Amount: MWK

30. **(if operating only from 'homestead' or 'village in Chiradzulu')** In the previous section, you stated your best guess of this business' total earnings over the last 30 days as [TOTAL REVENUE] MWK. If this business could earn [ESTIMATED EARNINGS OVER 30 DAYS AT FULL PRODUCTION CAPABILITY] MWK over 30 days if operating at full production

capability, that means this enterprise was operating at $[TOTAL\ REVENUE / FULL\ CAPACITY * 100]$ % of full capacity over the past 30 days. Does that sound right?

☐ Yes

☐ No, a better value would be: %

Mobile Money

31. **(if operating only from 'homestead' or 'village in Chiradzulu')** Does this business accept mobile money? *Note: Mobile money includes any transaction done on the mobile instead of cash, including direct bank transfers done through a mobile phone.* ☐ Yes / No

a. **(if yes)** What proportion of your total sales is sold via mobile money? *Note- Out of 100* %

32. **(if NEW BUSINESS and yes to accepting mobile money)** Which mobile money providers do you accept? *Select all that apply.*

☐ Airtel

☐ TNM

☐ Other:

a. **(if Airtel)** What is your Airtel till number?

b. **(if TNM)** What is your TNM:

Customers

33. How many customers did this enterprise have **in the last 7 days**? *Note - Enter -88 if the respondent refuses to say and -99 if the respondent does not know*

34. **(if operating only from 'homestead' or 'village in Chiradzulu')** In the last **7 days**, how **many days out of 7 days** has it happened that more customers have come to purchase from this enterprise than you had expected, resulting in you not being able to service all of them / some of the customers left your store without purchasing anything. That is, how many days did you have to turn away customers?

0 - 7

LABOR

35. How many hours did members of your household work in this enterprise over **the last 7 days**? *Note: Work here means being present in the business, or working for the business, including ordering inventory, planning, etc.*

[HH member 1]

...]

[HH member N]

36. **(if joint ownership outside the HH / cooperative)** What is the total amount of hours all other owners (excluding owners from within the household) worked in this enterprise over the last 7 days? *Sum across all other owners, and over all 7 days.*

37. How many paid employees **from outside the household** worked in this enterprise **in the last 30 days**? *Enterprise/activity name: [Enterprise Name]*

Do not include owner or co-owner(s).

a. **(if any)** How many of these employees...

are from this village

from another village in this GVH

from outside this GVH in Chiradzulu

from outside Chiradzulu

38. What is the total amount of hours all employees **from outside the household** worked in this enterprise over the last 7 days? *Sum across all other owners, and over all 7 days.*

39. What is the total compensation of all employees **from outside the household in the last 30 days**? *Enterprise/activity name: [Enterprise Name]*

Note: Include any wages, in-kind payments such as food or transport, and other labor costs. If multiple employees, help them add up. MWK

40. How many volunteers / unpaid workers **from outside the household** worked in this enterprise **in the last 30 days**? *Enterprise/activity name: [Enterprise Name]*
Volunteers are unpaid employees.

41. **(if # of volunteers > 0)** What is the total amount of hours all volunteers worked in this enterprise over the last 7 days? *Enterprise/activity name: [Enterprise Name]*
IF CURRENTLY OPERATIONAL Hours

42. a. In the past 30 days, have you given work to someone to help them out?

b. **(if yes)** How many hours of work did you give?

c. In the past 30 days, have you given work to someone to help them out even if you did not need the work? We mean symbolic work or idle time.

d. **(if yes)** how many hours of symbolic work or idle time did you give?

Intermediate Goods / Suppliers

Read: Now, I'd like to talk in more detail about some of the costs and spending that you engage in during the operation of this enterprise. I want to remind you that we are collecting this information only for academic research purposes, and will not share this information with anyone else.

43. STOCK and INVENTORY are items that businesses buy from suppliers and resell to customers.

MATERIALS and SUPPLIES are inputs you use to produce the goods and services that you sell.

In the last 30 days, has this business ever owned any STOCK/INVENTORY or MATERIALS/SUPPLIES? (1=Yes, 2=No, Don't Know, Refuse)

If YES, continue. If NO, skip to question 1.

a. **(if 43 = yes)** Do you know how much STOCK/INVENTORY/MATERIALS/SUPPLIES this business is holding? *Enter -88 if the respondent refuses to say and -99 if the respondent does not know*

☐ Yes/No/Don't know/Refuse

- b. (if 43a = yes) How much is ALL of this business' STOCK/INVENTORY and MATERIALS/SUPPLIES worth today? We mean if you had to replace all of it (in the same condition it is in now), how much would that cost? *FR may estimate.*
[hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response.]
☐ MWK

- c. (if 43 = yes) Has this business at any time in the **past 30 days** purchased STOCK/INVENTORY or /MATERIALS/SUPPLIES?
☐ Yes/No/Don't know/Refuse

44. (If 43a = yes and 43c = yes) What was this business' total expenditure on STOCK/INVENTORY and MATERIALS/SUPPLIES purchased in the last 30 days? ***If inputs/supplies are obtained from their own farm, or cooperative, then they should be priced as a cost at whatever their estimated wholesale price would be.***

[hint: if the respondent indicates they don't know, ask them to estimate. If they really don't know or refuse to answer, go back to the previous question and adjust their response.]
☐ MWK

45. (if any STOCK/MATERIALS, and operating only from 'homestead' or 'village in Chiradzulu')

a. IF ENTERPRISE WAS BASELINED: During the last survey, you told us you were buying these inputs from the following places. Please confirm all the places you purchased materials and supplies from **in the last 30 days**:

Markets:

[market1] – ☐ purchased, did not purchase, DK, refuse

[market2] – ☐ purchased, did not purchase, DK, refuse

...

Villages:

[village1] – ☐ purchased, did not purchase, DK, refuse

[village2] – ☐ purchased, did not purchase, DK, refuse

...

b. IF ENTERPRISE WAS BASELINED: Did you purchase materials/supplies at any OTHER place not already mentioned **in the last 30 days**? ☐ Yes / No / DK / refuse
IF YES, CONTINUE. IF NO, SKIP TO BUSINESS ASSETS.

c. ({BASELINED AND ANY OTHER PURCHASED} OR NOT BASELINED) Where did you source your STOCK/INVENTORY/MATERIALS/SUPPLIES? *Select all that apply. If inputs/supplies are obtained from their own farm, or cooperative, then they should*

be priced as a cost at whatever their estimated wholesale price would be.

- ☐ From my own household / farmstead
☐ From a cooperative of growers that I'm a part of
☐ From other households/traders

d. **(if other households/traders)** You said you purchased these from households/traders in other MARKETS or other VILLAGES. Where? *Select all that apply.*

- ☐ Other households/ businesses in this village: [owner village]
☐ From a village in Chiradzulu (but not the owner's village)
☐ From Blantyre
☐ From a market in Chiradzulu
☐ From outside Chiradzulu
☐ From outside Malawi
☐ Other: _____

e. **(if marketplace in Chiradzulu)** At which market(s) in Chiradzulu did you purchase any STOCK/INVENTORY/MATERIALS/SUPPLIES **in the last 30 days**? Please first enter the TA of each of these MARKETS. Make sure to select the TA for ALL of the markets. At which OTHER markets has this business operated **in the last 30 days**?

i. What are the TAs of all other MARKETS?

☐ [TA 1]

...

☐ [TA N]

☐ Other

ii. Which MARKETS ? **Filtered from b.i.**

☐ [Market 1]

☐ ...

☐ [Market N]

☐ Other

iii. **(if other)** Which other MARKETS (not already mentioned)?

f. **(if in another village in Chiradzulu)** At which OTHER villages in Chiradzulu has this business operated **in the last 30 days**? Please first enter the TA of each of these VILLAGES. Make sure to select the TA for ALL of the villages.

iv. What are the TAs of all other VILLAGES? *Select multiple.*

☐ [TA 1]

...

☐ [TA N]

☐ Other

v. What are the GVHs of all other VILLAGES? **Filtered from 8a.** *Select multiple.*

☐ [GVH 1]

...

☐ [GVH N]
☐ Other

vi. What are the VILLAGES? **Filtered from 8b. Select multiple.**

☐ [village 1]

...

☐ [village N]

☐ Other

vii. **(if other)** Which other VILLAGES (not already mentioned)?

g. **(If other, or outside Chiradzulu):** Which other locations did you purchase stock and supplies from? Other: _____

BUSINESS ASSETS

Read: Now, I'd like to ask you a few questions about the physical and financial assets of this enterprise and its recent investments into such assets.

46. **Read:** Investment is spending on assets, including buildings, vehicles, tools, machines, etc. in order to grow your business and achieve future sales. DO NOT include maintenance, repair, or the purchase of intermediate goods or materials we already talked about above.

What was this business' total investment in the:

a. Last 30 days? MWK

47. Does **this business** currently have any outstanding loan from a commercial bank, commercial lender, or a MFI for this business activity (**exclude personal/private loans not for this business**)? (1=Yes, 2=No)

a. What is the total amount your business currently owes all these commercial lenders combined? MWK

b. What is the total amount your business made in loan payments (interest payments or loan repayments) to these commercial lenders in **the last 30 days**? MWK

48. Does **this business** currently have any outstanding loans from a moneylender (**exclude personal/private loans not for this business**)? (1=Yes, 2=No)

a. What is the total amount your business owes all these moneylenders combined? MWK

b. What is the total amount your business made in loan payments (interest payments or loan repayments) to these moneylenders in the **last 30 days**? MWK

49. Does **this business** currently have any outstanding loans from a ROSCA/Savings associations/merry-go-rounds that you use for this business (**exclude personal/private loans not for this business**)?

- a. What is the total amount your business owes all ROSCA/savings associations/merry-go-rounds combined? MWK
- b. What is the total amount your business made in loan payments (interest payments or loan repayments) to these ROSCAs/savings associations/merry-go-rounds in the **last 30 days**? MWK
50. Does **this business** currently have any outstanding loans from friends, family, relatives, etc that you use for this business? (**exclude personal/private loans not for this business**)
- a. What is the total amount your business owes all friends/family/relatives/etc. combined? MWK
- b. What is the total amount your business made in loan payments (interest payments or loan repayments) to these friends/family/relatives/etc. in the **last 30 days**? MWK
51. Does this business own or rent any buildings or premises (include buildings, stalls, warehouses, etc.)? *Select all that apply.*
- ☐ owns buildings/premises
- ☐ rents buildings/premises
- ☐ none
- a. **(if own)** How much would it cost to rent similar buildings/stalls/premises to the ones you own?
- MWK
- per day / week / month / year?
- b. **(if rent)** How much do you pay to rent for all the buildings/stalls/premises?
- Exclude market fees.* MWK
- per day / week / month / year?
52. **(if operating from 'homestead' or 'village in Chiradzulu')** Does this enterprise own or rent any furniture (e.g. tables, chairs, etc.). DO NOT include stalls or buildings already mentioned? *Select all that apply.*
- ☐ owns furniture
- ☐ rents furniture
- ☐ none
- a. **(if own)** What is the total value of all the furniture that your business owns?
- MWK
- b. **(if rent)** How much did you spend on rent for **all your furniture in the last 30 days**? MWK
- MWK
- per day / week / month / year?
53. **(if operating from 'homestead' or 'village in Chiradzulu')** Does this enterprise own or rent any vehicles (including larger vehicles like trucks and cars, or smaller vehicles like bicycles and carts)?
- ☐ owns vehicles

☐ rents vehicles
☐ none

- a. **(if own)** What is the total value of all the vehicles that your business owns?
 MWK
- b. **(if rent)** How much did you spend on rent for **all your vehicles in the last 30 days**?
 MWK

54. **(if owns / rents in vehicles)** You said that this business owns or rents-in vehicles (including larger vehicles like trucks and cars, or smaller vehicles like bicycles and carts). I would now like to know more about each of these vehicles. List up to 3, in order of their importance to your business.

LOOP through each vehicle (max 3) {

- a. What kind of vehicle is this vehicle #1/2/3:
☐ Truck
☐ Bus /minibus
☐ Car
☐ Motorcycle
☐ Bicycle
☐ Boat
☐ Scooter
☐ Cart
☐ Wheelbarrows
☐ Other: _____
- b. Do you own or rent this vehicle? *Select all that apply.*
☐ Owns and uses for this business
☐ Owns and rents out to others
☐ Rents in for business use
- c. **(if owns and uses for this business)** How many hours and minutes was this vehicle in use the last market day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this vehicle, actively doing work that is directly related to this enterprise, for example using the vehicle in production, customer outreach, deliveries, purchases of inputs, etc. Do not include use primarily for private purposes such as commuting, personal travel, dropping of children at school, etc. Consider when the vehicle was in use for that whole day, not just when the FR was present.* hours minutes
- d. **(if owns and rents out to others)** For how many hours and minutes was this vehicle rented out to others the last market day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this vehicle, actively doing work that is directly related to this enterprise, for example using the vehicle in production, customer outreach, deliveries, purchases of inputs, etc. Consider when the vehicle was in use for that whole day, not just when the FR was present.* hours minutes

- e. **(if rents in)** For how many hours and minutes did this business rent in this vehicle the last market day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this vehicle, actively doing work that is directly related to this enterprise, for example using the vehicle in production, customer outreach, deliveries, purchases of inputs, etc.* hours minutes

} end of LOOP through vehicles

55. **(if operating from 'homestead' or 'village in Chiradzulu')** Does this enterprise own or rent any machines/tools or electronics?

☐ owns machines/tools/electronics

☐ rents machines/tools/electronics

☐ none

- a. **(if own)** What is the total value of all the machines/tools/electronics that your business owns?

MWK

- b. **(if rent)** How much did you spend on rent for **all your machines/tools/electronics in the last 30 days?** MWK Yes / No

56. **(if owns or rents in machines/tools or electronics)** You said that this business owns or rents-in machines or tools or electronics. I would now like to know more about each of these machines or tools or electronics. List up to 3, in order of their importance to your business.

LOOP through each machine/tool/electronic (max 3) {

- a. Describe machine/tool/electronic #1/2/3: _____

- b. Do you own or rent in this machine? *Select all that apply?*

☐ Owns and uses for this business

☐ Owns and rents out to others

☐ Rents in for business use

- c. **(if owns and uses for this business)** How many hours and minutes was this machine in use the last day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this machine, actively doing work that is directly related to this enterprise, for example using the machine in production, customer outreach, deliveries, purchases of inputs, etc. Do not include use primarily for private purposes such as commuting, personal travel, dropping of children at school, etc. Consider when the machine was in use for that whole day, not just when the FR was present.* hours minutes

- a. **(if owns and rents out to others)** For how many hours and minutes was this machine rented out to others the last day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this machine, actively doing work that is directly related to this enterprise, for example using the machine in production, customer outreach, deliveries, purchases of inputs, etc. Consider when the machine was in use for that whole day, not just when the FR was present.* hours minutes

- b. **(if rents in)** For how many hours and minutes did this business rent in this machine the last day you worked for this enterprise? *By 'in use', we mean that an owner or employee was using this machine, actively doing work that is directly related to this enterprise, for example using the machine in production, customer outreach, deliveries, purchases of inputs, etc.* hours minutes

} end of LOOP through each machine/tool/electronic

BUSINESS COSTS

57. **(if operating only from the 'homestead' or 'village in Chiradzulu')** In the last 30 days, did you pay any other bribes or fees related to operating your business? *Exclude any expenses not related to this particular business.* Yes / No / refuse to answer

- a. **(if yes)** How much did you spend in other bribes or fees **in the last 30 days?**
 MWK

58. **(if operating only from the 'homestead' or 'village in Chiradzulu')** In the last 30 days, how much did you spend on... related to operating your business? *Exclude any expenses not related to this particular business.*

security / guards
 storage / warehousing / etc.
 advertising, gaining or reaching customers
 banking / mobile money fees

59. **(if operating only from the 'homestead' or 'village in Chiradzulu')** In the last 30 days, did you experience any theft, vandalism, or destruction through natural causes (e.g. flooding, wind, etc.) related to this business? *Select all that apply. Exclude any expenses not related to this particular business.*

theft, what was the total cost to your business MWK: _____
 vandalism, what was the total cost to your business MWK: _____
 flooding, what was the total cost to your business MWK: _____
 wind/storm, what was the total cost to your business MWK: _____
 heavy rain, what was the total cost to your business MWK: _____
 drought, what was the total cost to your business MWK: _____
 other, what was the total cost to your business MWK: _____

Prices, Quality and Markups (if operating only from 'homestead' or 'village in Chiradzulu')

Read: Now, I would like to ask you some questions about this business' most common products and prices.

60. What is the most important product/service that this business currently sells in terms of revenue?

Select the item category.
 Other: specify _____

61. What is the most common quantity that this business sells of [COMMON PRODUCT 1]?

For example, if it most commonly sells 1/4 kilo of sugar, indicate .25 for 'Quantity' and kilo for 'unit'.

- a. Quantity _____
- b. Unit [select one], Other: specify _____

62. How many [QUANTITY] [UNIT] of [COMMON PRODUCT 1] did this business sell in the **last 7 days**?
63. What is the price of [QUANTITY] [UNIT] of [COMMON PRODUCT 1] **today**?
64. What do you expect the market (average) price of [COMMON QUANTITY] [UNIT] of [COMMON PRODUCT 1] will be **in 30 days from now** (after one month)? *Put -88 for refuse to answer, -99 for don't know.* |_____| MWK
65. **Read: Now we would like to understand what you would do to grow your business.** You said that this business sold [S7Q4 UNITS SOLD] units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] in the last 7 days. Suppose that next week, you wanted the business to sell 10% more of [COMMON PRODUCT 1]. That would mean selling [10% * S7Q4 UNITS SOLD, rounded to nearest unit] more units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1].

Think carefully about what that would entail, what you would need to procure, and where/who you might be able to sell those additional [FACTOR * S7Q4 UNITS SOLD] units. **Take a minute to carefully think through this.**

- a. The current price of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] is [CURRENT PRICE 1] MWK. If you sold 10% more of [COMMON PRODUCT 1], at what price could you sell [10% * S7Q4 UNITS SOLD, rounded to nearest unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] for? Please state the price of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1]: Do NOT state the price of all units total. |_____| MWK
- b. **(50% probability, get detail)** Please provide details on the following costs the business would incur in order to produce [10% * S7Q4 UNITS SOLD, rounded to nearest unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1]:
 - i. Additional hours worked / present at premises of the owner: |_____| hrs
 - ii. Additional wages paid for additional worker hours: |_____| MWK
 - iii. Additional materials / supplies / utilities: |_____| MWK
 - iv. Additional land, buildings, machinery, tools, etc.: |_____| MWK
 - v. Additional marketing: |_____| MWK
 - vi. Additional other costs (taxes, market fees, transport, anything else, etc.) |_____| MWK
- c. **(50% probability, get summary question)** What would be the additional cost involved in producing / procuring [10% * S7Q4 UNITS SOLD, rounded to nearest unit] additional units of [COMMON QUANTITY UNIT] of [COMMON PRODUCT 1] ? Please do not consider costs this business already incurs. For example, if you could produce those additional units on your existing premises, with existing workers, DO NOT include rent / wages you are already paying. If, on the other hand, you would need to rent a new building or machine, hire more workers, or hire existing workers for more hours, make more trips to the market, etc. then DO include such costs. DO

include purchases of intermediates, or goods and services for resale.
|____| MWK

66. What do you think is the additional profit you would make from selling *[10% * S7Q4 UNITS SOLD, rounded to nearest unit]* additional units of *[COMMON QUANTITY UNIT]* of *[COMMON PRODUCT 1]*? |____| MWK

} END LOOP THROUGH BUSINESS

Section 8 - Employment: Current and History

1. **In the past 30 days**, were any members of your household employed, working for pay? By this, we mean any work for money for someone outside the household, including casual work for other households, businesses, agricultural or non-agricultural. *Probe FR as to whether any members of the household are casual laborers, including casual labor for pay on someone else's farm or casual labor in other industries.* (1=Yes, 2=No, -77=DK) ☐
If YES, skip to question 3. If NO, continue.
2. In the past 30 days, were any members of your household working as a volunteer, intern or an attachment, with either no pay or only occasional pay? *This includes working voluntarily for a relative who is not a member of the FR's household.* (1=Yes, 2=No, -99=FR is not employed/volunteering and does not know about other household members) ☐
If YES, continue. If NO, skip to UNEMPLOYMENT
3. **(if no to both here and yes at census)**

Warning: During the census, this household reported that household members were employed, working for pay for someone else.

The primary occupation was in: [occupation]

Please prompt carefully.

Read: Now I would like to learn about what jobs members of your household **currently hold or held over the last 30 days, that is, since [month] of [year]**, including both paid and unpaid jobs (and internships and attachments), starting with your household's most important position. Please count as a job any work for pay on another person's farm. Please do not include public works. Please do not include self-employment positions in your answer. If you work(ed) for multiple employers in the same job / occupation (e.g. agricultural laborer on different farms), consider this ONE position.

I would like to remind you that all answers you give will be kept as confidential as possible, we're an independent organization and the information you provide won't have any effect on other programs.

4. Which members of your household **currently work for pay or were employed for pay over the last 30 days**? *Select all that apply from the household roster. Prompt several times. Please also include children / child labor, and prompt for it.*
☐ [HH member 1]
☐ ...
☐ [HH member N]

FO: Ask about each household member in turn. If the relevant household member is present, proceed directly with that HH member. Otherwise, try to get information from the FR. {

Read: Let's talk about [NAME].

5. Who is providing information on [name]?
☐ [Name]
☐ FR, not [name]
☐ Other household member

6. **Read:** *Think of all the employed positions of this person in the last 30 days, how many employed positions did this person have?*

**If [number of employed positions] > 3: LOOP through the 3 most important positions
LOOP through each employed position of this person. Begin with the most important one. {**

Read: *I will now ask about each of these positions for [HH Member Name] in turn.
Begin with the most important one / the one where this person spent the most hours working*

Questions	Codes	A: Employed position #1	B : Employed Position #2	C : Employed Position #3
7. In what occupation is this work? <i>Note: This should include casual labor. Even if this is casual labor, please try to capture the type of work that they did.</i>	Use G9 codes (-99=DK)	 Other:	 Other:	 Other:
8. (if work for another business) What is the primary sector of [name]'s small business employer? <i>By primary sector category, we mean the main sector of activity. If there are multiple sectors select the main one</i> a. What is the primary enterprise category of [name]'s small business employer? <i>By primary enterprise category, we mean the main thing that a business is doing. You may select multiple, but do not list any small side activities, but only the main ones. Select all that apply.</i>	Use Industry codes (same as self-emp)	 Other:	 Other:	 Other:
9. Where is [name]'s employer located?		☐ this village ☐ Chiradzulu market centre ☐ other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu ☐ Refuse to say ☐ Dont'know	☐ this village ☐ Chiradzulu market centre ☐ other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu ☐ Refuse to say ☐ Dont'know	☐ this village ☐ Chiradzulu market centre ☐ other village in Chiradzulu ☐ Blantyre ☐ Other place outside Chiradzulu ☐ Refuse to say ☐ Dont'know
10. (if Chiradzulu market center) At which market(s) in Chiradzulu? <i>Select one.</i>		☐ [market 1] ☐ ... ☐ [market N]	☐ [market 1] ☐ ... ☐ [market N]	☐ [market 1] ☐ ... ☐ [market N]

Please select the MAIN market. Please first enter the TA of this MARKET. a. What is the TA of the MARKET? [TA 1] ... [TA N] Other b. Which MARKET ? Filtered from b.i. [Market 1] ... [Market N] Other c. (if other) Which other MARKET (not already mentioned)? _____				
11. (if in another village in Chiradzulu) In which OTHER village in Chiradzulu? Please first enter the TA of each of this VILLAGE. a. What are the TAs of all other VILLAGES? <i>Select multiple.</i> [TA 1] ... [TA N] Other b. What are the GVHs of all other VILLAGES? Filtered from 8a. <i>Select multiple.</i> [GVH 1] ... [GVH N] Other c. What are the VILLAGES? Filtered from 8b. <i>Select multiple.</i> [village 1]		TA GVH village	TA GVH village	TA GVH village

... ☐ [village N] ☐ Other d. (if other) Which other VILLAGE (not already mentioned)? _____				
12. (if outside Chiradzulu) Where outside Chiradzulu?		_____	_____	_____
13. (if ganyu/ag work & in a village in Chiradzulu) a. What is the name of the household head where you worked for ganyu? _____ b. (if village was censused) Pre-load all households from the village census/tracking sheet. In which of the following households does \${AG WORKER NAME} live? ☐ PM name (nickname, age, gender), PF name (nickname, age, gender) g. Aside from being an employee, what is [AG WORKER]'s relationship to [PRIMARY OWNER]? ☐ Use G4 codes. Select all				
14. In what month and year did [HH Member Name] start this job?	(MM/YYYY)	LL/LL/LL/LL/LL/LL	LL/LL/LL/LL/LL/LL	LL/LL/LL/LL/LL/LL
15. Is the [HH Member Name] still working this job? ☐ Yes/No				
16. (if 15=No) In what month & year did this job end?				
17. In the last 12 months, which months was the [HH Member Name] working this job?				

18. This position's working patterns could be best described as... 1=Full Time 2=Part Time 3=Seasonal 4=Casual -77=Other (Specify)				
19. (if current job) How many hours did [name] work at this job during the last 7 days? (if past job) How many hours did [name] work at this job in a typical 7-day period?		____ hours	____ hours	____ hours
20. (if current job) What was the amount of [name]'s <u>cash salary in the past 30 days</u> ? Ask for pre-tax salary, where applicable. (if past job) What was the amount of [name]'s cash salary in a typical 30 day period?		Amount: ____ Currency if NOT MWK: ____ Other: _____	Amount: ____ Currency if NOT MWK: ____ Other: _____	Amount: ____ Currency if NOT MWK: ____ Other: _____
21. In the last 30 days , what was the total value of any other benefits that [name] received for this job, including: a. payment in kind in food? b. health insurance? c. Housing benefits? d. uniforms / clothing benefits? e. training allowance? f. other allowances and benefits? FR can estimate if unsure.		MWK ____	MWK ____	MWK ____

22. **[IF number of positions > 3]** How much did [HH member name] earn in the last 12 months from any other paid wage employment not already mentioned?

} END LOOP through selected household members.

UNEMPLOYMENT

23. Which household members, including you, are currently looking for a job? *This includes those who are working but who are trying to find additional work.*

|____| [HH member 1]

|____| ...

☐ [HH member N]

If NO ONE chosen, skip to question 24. If any is chosen, continue to 23.

24. If opportunities to work exist, who among them would be ready to work for pay or profit in the next 30 days? **CAPI: FILTER TO THOSE SELECTED in 22**

☐ [HH member 1]

☐ ...

☐ [HH member N]

25. **(if FR NOT selected in 22, OR NOT selected in 23)** Why would you not be ready to work for profit the next 30 days? *Use F8 Codes.*

26. **(if FR selected in 22) During the last 7 days**, how many hours did you spend actively searching for jobs, applying for jobs, or in interviews?

*** G9 codes - Occupation**

- ☐ Agriculture: for another household
- ☐ Agriculture: agri-business
- ☐ Livestock: for another household
- ☐ Livestock: agri-business
- ☐ Domestic worker
- ☐ Security guard / soldier / police
- ☐ Cleaner/Housekeeping/Janitor
- ☐ Construction worker
- ☐ Factory worker
- ☐ Driver
- ☐ Teacher
- ☐ Nurse
- ☐ Health worker
- ☐ Teacher
- ☐ Doctor
- ☐ Lawyer
- ☐ Office clerk / administration
- ☐ Government administration: Village Headman, GVH headman,village official, etc.
- ☐ Religious profession: priest, etc.
- ☐ Work for a small business, owned by another household
- ☐ Other: _____

Industry – same list as above

F8 codes

- 0 In Education
- 1 Unavailable Due To Personal Commitments.
- 2 Not Currently Seeking Work.
- 3 Focusing On Personal Development Or Non-Profit Activities.
- 4 Taking A Break Or On A Sabbatical.
- 5 Financial Stability Or Alternative Income Sources.
- 6 Currently Pursuing Education Or Academic Studies.
- 7 Permanently sick or disabled
- 8 Other Health-Related Reasons.
- 8 Career Transition Or Exploration.
- 9 Engaged In Personal Projects Or Ventures.
- 10 Temporary Retirement Or Sabbatical.
- 11 Insufficient Language Skills
- 12 Doing unpaid housework, looking after children or other persons
- 13 In military service
- 14 In community service
- 99 Other (Specify): _____

Section 9 - Time Use

Read: Now I would like to ask you some questions about time spent doing some activities.

1. In **the last 7 days**, how many hours have you spent...
 - a. ... doing household chores for your household inside your home? *By household chores, I mean activities such as cleaning, dusting, sweeping, washing dishes or clothes, ironing, slashing, etc. Do not include time spent on childcare.*
 - b. ... fetching water for your household?
 - c. ... fetching firewood for your household?
 - d. ... on childcare duties for your household? *Count any hours spent on childcare duties, even if the respondent is also conducting other activities. For example, if they are both working and caring for a child, "double count" the number of hours spent on child care.*
 - e. ... taking care of other family members, such as the elderly or ill members of your household
 - f. ... on religious activities
 - g. ... on social activities, such as talking to friends or partners, going out, or parties
 - h. ... on recreational physical activity that is not part of your work or commute to work (for example, running, going to the gym, playing soccer, rugby, volleyball)
 - i. Television, radio, social media, WhatsApp, or surfing on the Internet
 - j. resting, relaxing, or "just chilling"

Note: **(if sum of hours across all 10 activities >125):** The value should be the number of hours spent on activity in the last 7 days, so should be between 0 and 125.

2. In **the past 30 days**, how many hours have you provided volunteer or unpaid labor for any community projects or activities, for example, helping out with building local public projects such as water points, irrigation, roads, etc.?

Section 10 - Time Discounting

Read: In this part of the survey, I'm going to offer you a series of savings deals that involve you investing money now in exchange for us returning it with a bonus payment in one month. I will read out a list of possible bonus payments that may be offered to you. The bonus payments are issued per 1,000 Kwacha you invest. For each possible bonus payment, I will ask if you would agree to invest some money (up to a maximum of 10,000 Kwacha).

Once we have gone through the list of possible bonus payments, the computer *randomly* selects one bonus payment. If you agreed to that bonus payment *before* the computer selected it, you can choose how much to invest up to a maximum of 10,000 Kwacha. If however, the computer chooses a bonus payment that you did not agree to, you will not be allowed to invest.

For example, suppose the computer selects a bonus payment of 200 Kwacha per 1,000 Kwacha. If you told me you would agree to invest at that bonus payment, you can choose the amount you are willing to invest, and send it to us via mobile money TODAY. So if you send me 2,000 Kwacha today, you would receive 2,400 Kwacha in your mobile money account in one month, and if you gave me 5,000 Kwacha, you would receive 6,000 Kwacha in one month.

Some bonus payments may also be **negative**, which means you would receive **less money than you invested**. For example, if the computer selects a bonus payment of **-500 Kwacha per each 1,000 Kwacha you invest**, and you send **2,000 Kwacha**, you would receive **1,000 Kwacha in one month**.

When making your choices, keep in mind the following:

- **If you say NO to a bonus payment, we will never do it.**
- **If you say YES to a bonus payment, it will only happen if the computer select that payment**
- **What you say YES to does NOT affect what the computer chooses. That is entirely random.**

Enumerator: Pause and ask people if they understand the arrangement. Answer questions if they have them. Once people confirm they understand the instructions, ask if they would like to continue:

1. Do you understand the arrangement?

☐ Yes / No / Refuse to answer

2. Do you wish to continue?

☐ Yes / No / Refuse to answer

(If yes to both, continue)

Random_1 $\in \{-50, 0, 50, 100, \dots, 2,000\}$ with equal probability

3. Would you be willing to invest an amount up to 10,000 Kwacha to be returned next month with a bonus of $\{\text{Random_1}\}$ Kwacha per 1,000 Kwacha invested?

☐ Yes / No / Refuse to answer

(If Yes to 13.3) **Random_2** $\in \{-50, \dots, \{\text{Random_1}\}\}$

(If No to 13.3) **Random_2** $\in \{\{\text{Random_1}\}, \dots, 2,000\}$

4. Would you be willing to invest an amount up to 10,000 Kwacha to be returned next month with a bonus of $\{\text{Random_2}\}$ Kwacha per 1,000 Kwacha invested?

☐ Yes / No / Refuse to answer

(If Yes to 13.3 and Yes to 13.4) **Random_3** $\in \{-50, \dots, \{\text{Random_2}\}\}$

(If Yes to 13.3 and No to 13.4) **Random_3** $\in \{\{\text{Random_2}\}, \dots, \{\text{Random_1}\}\}$

(If No to 13.3 and Yes to 13.4) **Random_3** $\in \{\{\text{Random_1}\}, \dots, \{\text{Random_2}\}\}$

(If No to 13.3 and No to 13.4) **Random_3** $\in \{\{\text{Random_2}\}, \dots, 2,000\}$

5. Would you be willing to invest an amount up to 10,000 Kwacha to be returned next month with a bonus of $\{\text{Random_3}\}$ Kwacha per 1,000 Kwacha invested?

☐ Yes / No / Refuse to answer

Iterate questions till respondent says:

a) **YES to x_k and NO to $x_k = (-50)$: Let $x^* = x_k$ OR**

b) **YES to -50 : Let $x^* = -50$ OR**

c) **NO to 2,000: Let $x^* = \infty$**

Random_Pick $\in \{-50, \dots, 2,000\}$

(If $\{\text{Random_Pick}\} < x^*$): READ: None of the deals you have agreed to were randomly selected by the computer. Thank you for participating. You will have the opportunity to participate again next month.

(If $\{\text{Random_Pick}\} \geq x^*$): Read: Congratulations, the computer has randomly selected $\{\text{Random_Pick}\}$, at which you indicated you would be willing to invest. To execute the deal, send up to 10,000 Kwacha to XXXXXXXXXXXX via mobile money by the end of today. If you do this, you will receive the amount you sent PLUS a bonus of $\{\text{Random_Pick}\}$ Kwacha for each 1,000 Kwacha you send PLUS sending/withdrawal fees in 30 days from now and you will be able to participate again next month. You will receive an SMS confirming the transaction immediately after your money is received. However, if you fail to send any money by the end of today, you may be excluded from participating in future rounds of this exercise.

Section 11 - Transfers and Government Assistance

Read: Now, I would like to ask about any other assistance your household has received, from governments, political leaders, churches, NGOs, and other organisations etc. DO NOT count private individuals (which were already covered above). By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home.

Remember, your answers to the following questions will not be used to determine potential assistance or support and will not be shared with anyone. Not the government, no NGO, nor any other organisation or individual.

1. **Government programs:** Is any member of your household participating in or benefitting from any of the following **government programs** in the **last 30 days**?
☐ Social Cash Transfer Programme (SCTP) known locally as "Mtukula Pakhomo"
☐ Climate smart enhanced public works program
☐ Schools Meals Programme (SMP)
☐ None of the above
☐ Refuse to answer
☐ Don't know
 - a. **(if SCTP)** What is the total value of the cash benefit you received from the Social Cash Transfer Programme **in the last 30 days ** (MWK)? *Assist the respondent in summing across months. Include BOTH cash and in kind, estimate the value of the in-kind transfers.*
 - b. **(if public works)** Who in your household worked on the Climate smart enhanced public works program **in the last 30 days**? *Select all that apply.*
☐ [HH member 1]
...
☐ [HH member 2]
 - c. **(if public works) In the last 30 days**, how many days did each household member work on the climate smart enhanced public works program? *SurveyCTO: Repeat for each selected household member.*
 - d. **(if public works)** In the **last 30 days**, how much in total were all members of the household paid for working on the climate smart enhanced public works program (MWK)?
- ENUMERATOR: HELP THE RESPONDENT CALCULATE ACROSS MONTHS AND HOUSEHOLD MEMBERS!**
2. Has your household received any food aid **in the past 30 days**, from the government, churches, representatives, NGOs, other organisations, etc., NOT ALREADY MENTIONED? *Select multiple.*
☐ Yes, in-kind food
☐ Yes, food vouchers
☐ No
☐ Don't know
☐ Refuse to answer

- a. **(if in-kind)** How many Kgs of the following items did you receive in food aid **in the last 30 days**? (from the government, churches, representatives, NGOs, other organisations, etc.)? **READ ALL.**

☐ Rice, Quantity: [Unit]

☐ Maize, Quantity: [Unit]

☐ Sorghum, Quantity: [Unit]

☐ Other/Fortified cereal (e.g. Likuni phala, super cereal plus), Quantity: [Unit]

☐ Pulses, Quantity: [Unit]

☐ Vegetable Oil, Quantity: [Unit]

☐ Salt, Quantity: [Unit]

☐ Other: _____

- b. **(if any in-kind)** What is the total market value of the **in-kind food aid** you received, were you to sell it in the market?

i. **in the last 30 days?** MWK

- c. **(if vouchers)** How much is the total value of the **VOUCHERS** you received?

i. **in the last 30 days?** MWK

- d. Who did you receive this aid from? *Select all that apply. Do not read options below.*

0 = Give Directly

1 = A government program (not a particular individual)

2 = The church/mosque/place of worship

3 = An NGO

4 = The current ward councillor

5 = The current Member of Parliament

6 = Other current politician

7 = Any past politician or aspirant politician, including those running for office

8 = a community group household is part of

9 = village fundraiser

-77 = other local leader(specify)

- e. Please give us the names of the government programs, NGOs, churches, local leaders, organisations that provided this aid: *Note: FO, prompt for all those mentioned before. Please enter names separated by a ","*
-

3. Has your household received any other in-kind NON-FOOD aid **in the past 30 days** from the government, churches, representatives, NGOs, other organisations, etc. that has NOT ALREADY BEEN MENTIONED? **For example, clothing, mosquito nets, soap, mattresses, lamps, furniture, and other household items, etc..** DO NOT include cash transfers.

☐ Yes

☐ No

☐ Don't know

☐ Refuse to answer

- a. **(if any) What** is the total market value of the in-kind NON-FOOD aid you received, were you to sell it in the market?

i. **in the last 30 days?** MWK

b. Who did you receive this aid from? *Select all that apply. Do not read.*

0 = Give Directly

1 = A government program (not a particular individual)

2 = The church/mosque

3 = An NGO

4 = The current ward councillor

5 = The current Member of Parliament

6 = Other current politician

7 = Any past politician or aspirant politician, including those running for office

8 = a community group household is part of

9 = village fundraiser

-77 = other local leader(specify))

d. Please give us the names of the government programs, NGOs, churches, local leaders, organisations: *Note: FO, prompt for all those mentioned before.*

4. **In the past 12 months**, has your household received any **cash transfers** from any organization, including government, NGOs, church, etc that was not already mentioned?
☐ Yes/No

a. (if any) From who? **Enumerator: DO NOT READ OUT LOUD. Select multiple.**

0 = GiveDirectly

1 = A government program (not a particular individual)

2 = The church/mosque

3 = An NGO

4 = The current ward councillor

5 = The current Member of Parliament

6 = Other current politician

7 = Any past politician

8 = a community group household is part of

9 = village fundraiser

-77 = other local leader(specify))

b. What is the total value of cash received from all these other sources combined (please add in-kind estimates in MWK)...?

☐ in the last 12 months

5. Are you or anyone in your household part of a cooperative/farmer group under the Shire Highlands Milk Producers Association (SHMPA)? ynr
6. (If yes) **In the last 12 months**, which of the following benefits have you or your household personally received? (select all that apply)
- ☐ A calf (offspring from the group cows)
- ☐ Access to milk for household consumption
- ☐ Income from milk sales through the group
- ☐ Other (specify: _____)
- ☐ None
- ☐ Don't know

☐ Refuse to answer

7. Loop over answers to 6. {

In the past 12 months, what is the total value of any [benefit] you have received (MWK)?

☐ Calf

☐ Milk for household consumption

☐ Income from milk sales through the group

☐ Other (specify: _____)

☐ Don't know

☐ Refuse to answer

}

Section 12 - Health and Nutrition

READ: The questions in the following sections are more personal. We therefore politely ask all other household members to leave. Please try to ensure the privacy of the FR.

Now I would like to ask you some questions about your health and nutrition. Please remember that you do not have to answer any questions you do not want to.

1. How many meals did you have yesterday? |____|

	In the last 7 DAYS, how many days have ADULTS in your household...	(if any children) In the last 7 DAYS, how many days have CHILDREN (<16) in your household...
2. ...gone to bed hungry?	a. ____	b. ____
3.skipped meals or cut the amount of meals?	a. ____	b. ____
4.gone entire days without food?	a. ____	b. ____

5. Would you describe your general health as very good, somewhat good, or not good? (1=Very Good, 2=Somewhat good, 3=Not good, DON'T READ: -88=Refuse to answer) |____|
If 2 or 3, continue. OTHERWISE, skip to question 7.

6. Would you describe your general health as Would you describe your general health as somewhat good, poor or very poor?? (-88=Refuse to answer) |____|

7. During the last 30 days , how much did you pay in total (in MWK) for hospital / clinic medical care (not including medicines)? If payment was in kind, please ask respondent to estimate in MWK. If you received services for free please respond zero. Only include payment for the FR's own medical care, not that of a family member or friend. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero MWK.	____ MKW
8. During the last 30 days , how much did you pay in total (in MWK) for modern medicines to treat a health problem? If payment was in kind, please ask respondent to estimate in MWK. If you received services for free please respond zero. Only include payment for the FR's own medical care, not that of a family member or friend. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero MWK.	____ MKW

Section - 13 Internal constraints

Read: Now I would like to ask about your mental health and wellbeing as well as your aspirations and expectations about the future. Please remember that you do not have to answer any questions you do not want to.

13.1 Mental health

1. How satisfied are you with your life nowadays? (on a scale from 0 “not at all” to 10 “completely”)

(PHQ-2 - Depression) Over the last 2 weeks, how often have you been bothered by the following problems? 0 = Not at all 1 = Several days 2 = More than half the days 3 = Nearly every day	
1.1 Little interest or pleasure in doing things	__
1.2 Feeling down, depressed, or hopeless	__

IF PHQ-2 TOTAL SCORE EXCEEDS 2 (greater than or equal to 3): (PHQ-8 - Depression) Over the last 2 weeks, how often have you been bothered by the following problems?	
1.3 Trouble falling asleep, staying asleep, or sleeping too much	__
1.4 Feeling tired or having little energy	__
1.5 Poor appetite or overeating	__
1.6 Feeling bad about yourself — or that you’re a failure or have let yourself or your family down	__
1.7 Trouble concentrating on things, such as reading the newspaper or watching television	__
1.8 Moving or speaking so slowly that other people could have noticed. Or, the opposite — being so fidgety or restless that you have been moving around a lot more than usual	__

(GAD-2 - Anxiety) Over the last 2 weeks, how often have you been bothered by the following problems? 0 = Not at all 1 = Several days 2 = More than half the days	
---	--

3 = Nearly every day	
1.1 Feeling nervous, anxious, or on edge	
1.2 Not being able to stop or control worrying	

13.2 Aspirations and expectations

	Question	Options
1.	Read: Monthly income is the amount of CASH income you earn from all agricultural and non-agricultural activities, and money from Mtukula Pakhomo or other government or NGO programmes.	
a	What is the minimum monthly income a household in your village can earn?	 MWK
b	What is the maximum monthly income a household in your village can earn?	 MWK
c	What is the level of monthly household income that you would like to achieve in the next 10 years?	 MWK
d	What is the level of monthly household income that you think you will reach in the next 10 years?	 MWK
2.	Enumerator: please ask about formal education. If the oldest child has a disability, please ask about the next child. If the person doesn't have a child currently, enter NA (-99)	
a	Think of the child in your household that is closest to the age of 14. What is this child's name?	
b	What is the current level of education of [child]?	List A
c	What level of education do you hope [child] will achieve in the next 10 years?	List A
d	What level of education do you think [child] will achieve in the next 10 years?	List A
e	In 20 years from now, what occupation do you hope for [child]him/her/them to be working in ideally?	Occupation codes

13.4 Financial Stress

- On a scale from 1 to 5, how concerned are you about your household's current financial situation?
 - Not worried
 - A little worried
 - Worried
 - Very worried

☐ Extremely worried

2. In a typical workday in the past week, how many hours of your **working** time did you feel distracted by your financial stress? If you are not sure, please estimate.

☐ hours (restrict between 0 - 12)

3. On the days last week when you **did not** work, how many hours did you spend thinking about and dealing with issues related to your household's finances?

☐ hours (restrict between 0 - 12)

4. How frequently do financial worries interfere with your ability to complete work tasks effectively?

☐ Never

☐ Rarely

☐ Sometimes

☐ Often

☐ Always

Section 14 - Female Empowerment / IPV

Read: Now I would like to ask about the roles of people within your household.

1. Do you have your own personal...
- ☐ ... bank account in **your** name?
 - ☐ ... mobile phone?

(if **yes**) Do you have your own mobile money account in your name?
☐ Yes / No / Refuse to answer

Female empowerment

Read. Next, I would like to ask you questions about some important aspects of a family's life. I know that these questions are very personal. However, your answers are important for helping to understand the conditions of families in Malawi.

Let me assure you that your answers are completely confidential and will not be told to anyone and no one else will know that you were asked these questions. Remember, you do not have to answer any question you don't want to.

INTERVIEWER: ENSURE FULL PRIVACY BETWEEN YOURSELF AND RESPONDENT

2. Is it possible to ensure full privacy for the following conversation? ☐ Yes/No **Required.**
If not, SKIP to Section 15.

3. Do you earn more / the same / less than your partner on average?

- ☐ A lot more
- ☐ Somewhat more
- ☐ The same
- ☐ Somewhat less
- ☐ A lot less

4. In the last 30 days, who in your family has had a say on ... (1 = me alone, 2 = almost always me alone, 3 = me and partner equally, 4 = almost always partner, 5 = partner only, -99 = not applicable/no children in the household)

- ☐ buying or selling household durables (e.g. furniture)?
- ☐ any decisions about children's schooling?
- ☐ whether or not to buy children's clothes, shoes?
- ☐ how children should be disciplined?
- ☐ how much of the household's income to save?

5.

In your household, how often do the following events occur? (1=Never, 2=Very rarely, 3=Sometimes, 4=Often, 5=Always)	☐
5.1 My partner discusses all the money that he earns with me	☐

5.2 My partner trusts me with all the money that he earns	☐
5.3 My partner willingly shares the money that he earns with me	☐
5.4 I discuss all the money that I earn with my partner	☐
5.5 I trust my partner with all the money that I earn	☐
5.6 I willingly share the money that I earn with my partner	☐

6. Has your partner **ever** used threats or force regarding money – for example, pressured you or threatened you to hand over cash or valuables? *ynrd*
7. **DO NOT READ.** In your view, is the respondent **comfortable** asking questions about whether they have to ask their partner for permission to do activities and whether they have been exposed to violence by their partner? (Yes/No)
8. **(If 6 = Yes and FR = female)** In the last **30 days** , did your partner... (1 = never, 2 = rarely, 3 = sometimes, 4 = often)
- ☐ Expect that you ask permission to purchase large items (like tv, radio, cow etc)?
- ☐ Take your earnings or savings from you against your will?
- ☐ Refuse to give you money for household expenses, even when he had money for other things
- ☐ Require that you give up or refuse a job for money outside the home because he did not want you to work?
9. **(If 6=Yes) Domestic Discord**
During the last **30 days** , did you have any major arguments with your partner over... (1 = never, 2 = rarely, 3 = sometimes, 4 = often)
- ☐ spending on major household items or assets
- ☐ the behavior and disciplining of children
- ☐ interactions with relatives
- ☐ alcohol consumption

Controlling behavior

10. **(If 6 = yes) Read:** I am now going to ask you about some situations which happen to some men and women. Please tell me if, during the last **30 days** , any of these apply to your relationship with your partner?
(1 = never, 2 = rarely, 3 = sometimes, 4 = often)
- ☐ Your partner was jealous or angry if you talked to other [men/women]
- ☐ Your partner accused you of being unfaithful
- ☐ Your partner tried to limit your contact with your family?
- ☐ Your partner insists on knowing where you are at all times?
11. **(If 6=yes and married/cohabiting and FR=female) Emotional and physical violence**

Read: Now, if you will permit me, I will ask some more questions about your relationship with your partner. If we should come to any question that you do not want to answer, just let me

know and we will go on to the next question.

During the last **30 days** , did your partner ever...
(1 = never, 2 = rarely, 3 = sometimes, 4 = often)

- ☐ | say or do something to humiliate you in front of others?
- ☐ | threaten to hurt or harm you or someone close to you?
- ☐ | insult you or make you feel bad about yourself?
- ☐ | physically harm you? *This could include pushing, shaking, choking or slapping you; throwing something at you, or attacking or threatening you with a weapon.*
- ☐ | force you with threats or in any other way to perform sexual acts you did not want to?

Section 15 - Civic attitudes and participation

In this section, I will ask you questions that will help us understand the role of religion in the broader community.

Section 15.1 Religious groups and public goods

1. **(if not baselined)** Do you or any member of your household identify with a certain religion?
If household members identify with more than one religion, fill in for the religion of most household members.

- ☐ Christianity (Protestant e.g. CCAP/Baptist)
- ☐ Christianity (Pentecostal/Charismatic)
- ☐ Roman Catholic
- ☐ Seventh Day Adventist
- ☐ Christian (other denomination)
- ☐ Jehovah's witness
- ☐ Islam
- ☐ Traditional African Religion
- ☐ No religion (Atheist/Agnostic)
- ☐ Other _____
- ☐ Refuse to answer

2. **(if any religion, above or baseline)** In the **past 6 months**, how much money did you or members of your household give to your place of worship for any of the following? [MWK]
Enter 0 where no contributions are made. If the respondent struggles to recall, ask them about how much they contribute in a typical month and then multiply by 6.

- a. **Church activities:** Charity/mercy ministry; special offerings for ministry support; Cultural event support for members (weddings, funerals); Leader/Pastoral/Priest/Imam support; Church/mosque/meeting venue infrastructure
- b. **Broader community infrastructure projects** that are organized through the church/mosque (school blocks, roads, boreholes, bridges)

3. **(if any religion, above or baseline)** In the **past 6 months**, how many hours did you or members of your household spend volunteering on construction, maintenance, or community development projects led by your place of worship? (enter 0 where no hours are spent) [Hours]
If the respondent struggles to recall, ask them about how many hours they spend in a typical month and then multiply by 6. Do not double count hours across the following two categories: the first is for projects that primarily benefit the respondent's place of worship. The second are for projects that benefit the community more broadly.

- a. For your place of worship's development projects
- b. For community development projects led by your place of worship.

4. **(if any religion, above or baseline)** In the last 6 months, has your religious institution received support from any prominent local person, either financial support or for obtaining services? *ynrd*

- a. **(If yes)** How many times has a prominent local person given the institution support?
- b. **(If yes)** What was the total value of support received? *Include both monetary and in-kind support; please estimate the value of in-kind support.*

Section 15.2 Community groups and public goods

1. Do you take part in a community group of any of the following types ? *For example, if you are part of two Health Committee groups, enter 2 for Health committee and zero for all other options. Default = 0*
 - a) Community or neighboring associations *0 default*
 - b) Agriculture or business associations, unions or cooperatives, including livelihood / training *0 default*
 - c) Youth group *0 default*
 - d) Men's / Women's groups *0 default*
 - e) Political movement groups *0 default*
 - f) Psychological/emotional support *0 default*
 - g) Village or ward assembly *0 default*
 - h) Sports group *0 default*
 - i) Community police/watch group *0 default*
 - j) Health committee *0 default*
 - k) School Committee *0 default*
 - l) Self-help groups *0 default*
 - m) Any other group made up of community members **(DO NOT INCLUDE CHURCH/MOSQUE OR ROSCA)** *0 default*
 - i) *What are these other groups?* _____

Foreach a-m > 0 {

3. In the **past 6 months**, how much money did you or members of your household give to [group](s) for any of the following? [MWK] *Enter 0 where no contributions are made. If the respondent struggles to recall, ask them about how much they contribute in a typical month and then multiply by 6. If the respondent is part of more than one [group], total across all of the groups.*

- a. Helping needy members or others in the community/Events/Infrastructure or assets belonging to the group (construction, repairs, furniture, sound system)
- b. Broader community infrastructure projects organized through the group (school blocks, roads, boreholes, bridges)

4. In the **past 6 months**, how many hours did you or members of your household spend volunteering on construction, maintenance, or community development projects led by [group]? (enter 0 where no hours are spent) [Hours] *If the respondent struggles to recall, ask them about how many hours they spend in a typical month and then multiply by 6. Do not double count hours across the following two categories: the first is for projects that primarily benefit the respondent's group. The second are for projects that benefit the community more broadly. If the respondent is part of more than one [group], total across all of the groups.*

- c. For your group's projects
- d. For community development projects led by your group

5. In the last **6 months**, have any [group](s) you are part of received support from any prominent local person, either financial support or for obtaining services?

- e. (if yes) How many times has a prominent local person given support to any [group](s) you are part of? *If the respondent is part of more than one [group], total across all of the groups.*
- f. What was the total value of support received? *Include both monetary and in-kind support; please estimate value of in-kind support. If the respondent is part of more than one [group], total across all of the groups.*

}

Section 15.3 Civic knowledge and attitudes

I am now going to ask you some questions about your political beliefs. We understand that this is a sensitive time to ask about politics around the election. Please remember that you do not have to answer any questions you do not want to, and let us know if any question makes you uncomfortable.

1. In general, are things in Malawi going in the right direction or wrong direction?
 Right direction
 Wrong direction
 [Do not read] Uncertain
 [Do not read] Refuse to answer
2. In general, how would you describe the present economic condition of Malawi?
 Very good
 Fairly good
 Fairly bad
 Very bad
 [Do not read] Uncertain
 [Do not read] Refuse to answer
3. I am about to read you descriptions of two hypothetical candidates for parliament. Then, I will ask you how likely you would be to vote for this parliamentary candidate.

CAPI: Randomly select two candidate vignettes:

Candidate	
1	At public rallies, he hands out kilo bags of sugar, half-kilo bags of salt, and MWK 500 bills to citizens in exchange for votes.

2	At public rallies, he offers citizens fertilizer subsidies, financial aid for funerals, and help with other personal problems once elected in exchange for their votes.
3	At public rallies, he emphasizes to citizens that he will pass legislation to improve schools, improve healthcare, and dig more boreholes once elected in exchange for their votes.
4	At public rallies, he criticises candidates who hand out kilo bags of sugar, half-kilo bags of salt, and MWK 500 bills to citizens in exchange for votes.
5	At public rallies, he criticises candidates who offer citizens fertilizer subsidies, financial aid for funerals, and help with other personal problems once elected) in exchange for their votes.
6	At public rallies, he criticises candidates who emphasize to citizens that they will pass legislation to improve schools, improve healthcare, and dig more boreholes once elected in exchange for their votes.

Loop over randomly selected candidate vignettes {

- a. Read out [randomly selected candidate vignette]
- b. How likely is it that you would vote for this parliamentary candidate: 1=Not at all likely, 2=Not likely, 3=Somewhat likely, 4=Very likely, -88=Refuse to answer
- c. How likely is it that the given candidate will deliver better health services once elected? 1=Not at all likely, 2=Not likely, 3=Somewhat likely, 4=Very likely, -88=Refuse to answer
- d. How likely is it that the given candidate will provide personal assistance for accessing health centres, paying hospital bills and other fees once elected? 1=Not at all likely, 2=Not likely, 3=Somewhat likely, 4=Very likely, -88=Refuse to answer

}

4. Now, I would like to get your feelings about some local candidates for office. I'd like you to rate the performance on a scale from 1 to 10 of the previous leader, how you believe the newly elected leader will perform and how you believe the runner up would have performed.

a. The recently elected councillor in your ward (elected in September 2025)

Worst=1 2 3 4 5 6 7 8 9 10=Best

b. The previous councillor in your ward (might be the same person as in a, just repeat the answer).

Worst=1 2 3 4 5 6 7 8 9 10=Best

c. The runner up in the recent election for councillor in your ward

Worst=1 2 3 4 5 6 7 8 9 10=Best

d. The recently elected member of parliament in your constituency (elected in September 2025)

Worst=1 2 3 4 5 6 7 8 9 10=Best

e. The previous member of parliament in your constituency (might be the same person as in d, just repeat the answer).

Worst=1 2 3 4 5 6 7 8 9 10=Best

f. The runner up in the recent election for member of parliament in your ward

Worst=1 2 3 4 5 6 7 8 9 10=Best

Section 15.3 Civic participation

Read: We will now ask questions about political engagement. All answers you provide are confidential and you can refuse to answer any question.

1. Were you registered to vote before the 16 September 2025 general election?
☐ Yes
☐ No **SKIP to 4**
☐ Not old enough to vote in 16 September 2025 general election **SKIP to 4**
☐ Don't know **SKIP to 4**
☐ Refuse to answer **SKIP to 4**
2. Did you vote in the 16 September 2025 general election? ☐ Yes / No
3. **(if yes)** At which polling station?
4. We know that around election time, candidates often make people offers of food, gifts or money. When it comes to this area, would you say that this practice occurs? ☐ Yes / No/ Don't know/Refuse to answer
5. During this year's general election campaign period, did a candidate or someone from a political party offer **the community or community groups** in this area something, like food or a gift or money?
☐ Yes / No/ Don't know/Refuse to answer
 - a. **(if yes)** How many candidates or party representatives made offers to the community? ☐
 - b. **(if yes)** How much do you think a typical offer by one candidate would be worth, in monetary terms? ☐
 - c. **(if any)** What was the total value of all of the offers of gifts or money made? Please estimate the value of any in-kind offer. ☐ MWK
 - d. **(if yes)** How many people would accept such offers in your opinion? (Never - Sometimes - Often - Always)
6. During this year's general election campaign period, do you know of any candidates or political party agents offering something, like food or a gift or money, **to individuals in your village** during the campaign?
☐ Yes / No/ Don't know/Refuse to answer
 - a. **(if yes)** How many candidates or party representatives made offers to the individuals? ☐
 - b. **(if yes)** How much do you think a typical offer by one candidate would be worth, in monetary terms? ☐

- c. **(if any)** What was the total value of all of the offers of gifts or money made? Please estimate the value of any in-kind offer. MWK
 - d. **(if yes)** How many people would accept such offers in your opinion? (Never - Sometimes - Often - Always)
7. During this year's general election campaign period, did a candidate or someone from a political party offer you or anyone in your household something, like food or a gift or money?
 Yes / No/ Don't know/Refuse to answer
- a. **(if yes)** How many candidates or party representatives made you or your household member an offer?
 - b. **(if any)** What was the total value of all of the offers of gifts or money made? Please estimate the value of any in-kind offer. MWK
 - c. **(if any)** In total, how many times did you or any household member accept an offer?
 - d. **(if yes)**, How many candidates or party representatives asked you or a household member for their vote in exchange for these gifts or money?
8. In your opinion, how often do the following things occur in this country's elections?
 A. Voters are offered gifts in exchange for their vote (Never - Sometimes - Often - Always)
 B. Voters change their vote based on gifts received (Never - Sometimes - Often - Always)
9. **From the following list, please tell me how many of these things were done by any political campaign during the last election campaign. You don't need to tell me which ones, just how many.**

Control group (list experiment 50%):

- Putting campaign posters in your neighborhood
- Visiting your home
- Advertising on TV or radio
- Threatening you to vote for them

How many of these things were done in the campaign? (between 0 and 4)

Treatment group (list experiment 50%):

- Putting campaign posters in your neighborhood
- Visiting your home
- Advertising on TV or radio
- Threatening you to vote for them
- Giving you money or a gift or doing you a favor in return for your vote

How many of these things were done in the campaign? (between 0 and 5)

10. We know sometimes people face difficult times in their lives. We want to understand the sources of support people draw on during these times. Think about prominent local people. Include any aspirants for any public office who campaigned before the 2025 election, ran in the primary or the general election, or their agents or intermediaries. Since before the last election, have you or your household member approached any prominent local person for support and/or have you or a household member received support for a personal matter, even if you didn't ask for it? Support could include contributions in cash or in kind e.g. providing food. *Select all that apply.*

- ☐ Requested support and received it
- ☐ Requested support and did not receive it
- ☐ Did not request support, but received support
- ☐ Did not request nor receive support

11. If requested support (regardless of whether or not it was received):

- e. How many prominent local people did you approach for support?
- f. How many times did you or any household member approach people for support? If you approached two people, twice each, that would be four times.

12. If received support, regardless of whether or not it was requested:

In total, what was the value of support provided, in cash or in kind?

13. Here are some activities citizens across the world sometimes get involved in during election periods. How many times did you personally do each of these throughout the primary and general elections in 2025? *Enter zero for each of the activities if they participated in none. Leave the field blank if they do not know or do not want to respond.*

- Attend a campaign rally or meeting with a candidate for any political office (default 0)
- Wear any clothes with a party logo or a picture of a candidate (default 0)
- Sing or dance publicly for a candidate (default 0)
- Work as an agent for a candidate or serve on a candidate's committee (default 0)

Section 16 - GD Experience

Only asked to recipient households

1. Who in your household received a cash transfer from GiveDirectly? Select multiple
☐ HH mem 1
☐ ...
☐ HH mem N
☐ Don't know
☐ Refuse to answer
2. (If FR selected) What was the value of the cash transfer that you received?
3. (If FR not selected) What was the value of the transfer for those who received it? Enter -88 for refuse to answer, -99 for don't know.
4. **(If selected in a >1)** Did you pool the money together? By pool the money, we mean put the money together so there is one larger amount, and make a joint decision for how it is used.
☐ No, we kept it separate, and each person made a different decision about how to spend their money
☐ Yes, but not all of it – at least one person who got the cash transfer kept some separate
☐ Yes, we pooled all of the money together
5. **(if not all) Think about only the money you received personally.** About what fraction of this money did **YOU PERSONALLY** get to decide over, and what fraction was pooled?
SLIDING SCALE FROM 1 - 10

CTO: Calculate pooled amount (from total received) - individual amount for the RESPONDENT
6. (if any pooled) What was the total amount of funds your household pooled together (MWK)?
7. **(if yes)** Who had the final say on how the [POOLED AMOUNT] MWK pooled money was used? *Select multiple only if one person didn't have the final say.*
☐ HH mem 1
☐ ...
☐ HH mem k
☐ Refuse to answer

8. Have you had any disagreements over how the cash was spent? *ynrd*
9. **(if 8 = yes)** How were these resolved? *Select all that apply.*
- ☐ [HH mem from 3] made the final decision about how the money was spent
 - ☐ We discussed it as a household and made a decision together
 - ☐ We each spent the money on what we wanted
 - ☐ Other _____
10. (if at least some pooled) Why did you decide to pool the money? *Select all that apply.*
- ☐ to make a larger purchase
 - ☐ to plan together, we are a family/household
 - ☐ to keep household harmony
 - ☐ other: _____
11. (if any pooled) Think about all the money pooled together by your household. How much of the [POOLED AMOUNT] MWK of pooled money did you spend on?
- ☐ food
 - ☐ other non-food non-durable items and services (including soap, charcoal/gas, personal items, clothing, etc.)
 - ☐ investment in household assets (furniture, kitchen equipment, stoves, electronics, etc.)
 - ☐ investment in building materials, roof, iron sheets, bricks, etc.
 - ☐ investment in livestock, e.g. chickens, goats, cows, etc.
 - ☐ investment in agriculture, seeds, irrigation, fertilizer, agricultural labor etc.
 - ☐ investment in a non-agricultural business (stock, equipment, wages, etc.)
 - ☐ leisure, entertainment, etc.
 - ☐ Expenditure on education (education-related non-food items and services)
 - ☐ Medical expenses
 - ☐ Paying off any debts you had
 - ☐ Saving
 - ☐ Sharing /sending it with other people outside the household, such as family
 - ☐ Migrating, or moving out of the household (moving location)
 - ☐ Other: _____
12. (if any individual) How much of the [INDIVIDUAL AMOUNT] MWK of the money that you personally ([RESPONDENT NAME]) kept individually did you spend on?
- ☐ food
 - ☐ other non-food non-durable items and services (including soap, charcoal/gas, personal items, clothing, etc.)
 - ☐ investment in household assets (furniture, kitchen equipment, stoves, electronics, etc.)
 - ☐ investment in building materials, roof, iron sheets, bricks, etc.
 - ☐ investment in livestock, e.g. chickens, goats, cows, etc.
 - ☐ investment in agriculture, seeds, irrigation, fertilizer, agricultural labor etc.

- ☐ investment in a non-agricultural business (stock, equipment, wages, etc.)
- ☐ leisure, entertainment, etc.
- ☐ Expenditure on education (education-related non-food items and services)
- ☐ Medical expenses
- ☐ Paying off any debts you had
- ☐ Saving
- ☐ Sharing /sending it with other people outside the household, such as family
- ☐ Migrating, or moving out of the household (moving location)
- ☐ Other: _____

13. (if Section 14.8 = yes) Since receiving the cash transfer, has it become more common that your partner used threats or force regarding money? *For example, pressured you or threatened you to hand over cash or valuables?*

- ☐ This happens more often
- ☐ This happens about the same
- ☐ This happens less often

Section 18 Conclusion

1. **(if in treated villages)** Were you given a new phone number / SIM card by GiveDirectly?
☐ Yes / No

(if yes) What is this number?

(If yes OR has phone number and LINKAGE CONSENT not preloaded):

Read the DATA LINKAGE REQUEST

Data Linkage

As part of the study, we would like to link your survey responses to you and your household members' mobile phone data records from Malawi's mobile network operators, including Airtel and TNM.

If you give your consent, we will link mobile phone data records for all household members that use a phone. These mobile phone data records will contain information on the date, time, and location of each call and text that you place, and each call and text that you receive. They also contain information about how much mobile data and mobile money you use. They do not contain any information about the content of your calls, text messages, or mobile money payments.

This information will be used for research purposes only. If you do not give your consent to mobile phone data linkage, we would still like you to participate in this survey.

Do you consent to our research team linking your survey responses to mobile phone data records provided by Airtel and TNM?

15. Do you consent to having your mobile phone data linked?

☐ Yes

☐ No

☐ Do not have a mobile phone number

- a. **(if yes)** Please give me your personal mobile phone number. *Note. If you have multiple phone numbers, this is the one you use most often for phone calls and texts.*

- b. **(if yes)** Is this the phone number that you use for mobile money? ☐ Yes/No

- c. **(if no)** What is the phone number that you use for mobile money? *Note. If you have multiple phone numbers, this is the one you use most often for mobile money.*

Read: Thank you so much for your time.

FO: Be sure to fill in the remaining information. Do not read the questions aloud. Simply record your own impressions.

1. Did the respondent terminate the survey early? (1=Yes, 2=No)

☐ If YES, continue. If NO, skip to question 1.

- a. (if yes) Why did the respondent terminate the survey early?

☐ _____

1 = Temporary stop only – Wishes to continue survey at a later time. See “Temporary Stop Instructions” below.

2 = Tired

3 = Too busy, does not have time

4 = Offended at question

5 = Suspicious of FO / survey intent / IDInsight

6 = Does not feel like continuing survey

-77 = Other (specify)

Temporary Stop Instructions: You have indicated that the FR wishes to continue the survey in the future. Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now.

2. Time end interview: **CAPI automatic.**

(24 hr clock) :

3. In what language was the survey administered? *Select all that apply.*

(1=English, 2=Chichewa) ☐

4. How was the respondent’s skill in speaking and understanding the survey language?

☐

(1 = Displayed *no problems* speaking or understanding language

2 = Displayed *a little difficulty* speaking or understanding language

3 = Displayed *moderate* difficulty speaking or understanding language

4 = Displayed *serious* problems speaking or understanding language)

5. Were any people present during all or part of this interview (other than the respondent and IDI staff)? (1 = Yes, 2 = No) ☐

- a. (if yes) Who?

☐ [HH Member 1]

...

☐ [HH Member N]

6. How confident are you in the overall quality and truthfulness of this respondent's responses?
(1=Very confident, 2=Somewhat confident, 3=Not very confident)

a. **If *SOMEWHAT* or *NOT CONFIDENT*:** Why? _____

Chiradzulu P2 HH Phone Survey

Paper Survey

Section 1 - Survey Information and Call Setup

Greetings! You are about to begin the Chiradzulu Expenditure Phone-based Survey. Please fill in the following questions before engaging the respondent.

1. **FO:** Please select your name: _____
2. Please enter the Household ID. _____

Calling Attempts Protocol

Enumerators should attempt to reach the target respondent using all available phone numbers linked to the household. A household should be called up to five times, at different times of day and on different days, before it is marked as unreachable. For each attempt, record whether the call was successful and, if not, the reason the respondent could not be reached. If the target respondent is unavailable but another household member answers, ask when the target respondent will next be available and record the best callback time and phone number.

[If target respondent is not reached] You have now finished attempt [call_num]. You have exhausted all available phone numbers and have not reached the target respondent.

Please update the tracking sheet now by increasing the call attempts field by 1.

You should try to reach household at least 5 times, at all times of the day, and on different days. You have [remaining_attempts] additional calls remaining to reach 5 calls for this household.

1. Please confirm that you have attempted to reach the household 5 times. Note that this household will not be surveyed: it is important to be sure that we have exhausted all 5 attempts.

☐ 1= Yes

☐ 0= No

If this is incorrect, please go back and adjust your responses. Otherwise, if you believe that you should be conducting this call, please flag this with your supervisor. The survey will now terminate.

[If target respondent is reached]

1. Read: Hello, I'm trying to reach [main respondent], is that who I am speaking with?

☐ 1= Yes

☐ 0= No

[if 1= Yes...PROCEED, otherwise schedule another call with the Target/Main Respondent]

Informed Consent: Read consent script to the respondent.

1. READ: Hello, I am [fo_name] from Invest in Knowledge Research Consulting Firm. We are conducting a household listing in this village for a study on livelihoods in Malawi.

If you agree, we will collect information about your household, which will take approximately 30 minutes. This information may be used to contact you for future surveys as part of the study.

There is no direct benefit to you, but the study aims to help researchers understand household livelihoods in Malawi and how they change over time. Participation involves minimal risk and opt out of the survey at any time. Some questions will ask about challenging topics, and you can always choose not to answer any question.

You will not be paid monetarily for taking part in this study. But, we would like to give you a tablet of soap as a token of appreciation for your time at the end of the survey.

A full consent form with more information about the study is available on request.

If you have any questions or concerns about this study, you may contact Innocent Amos at +265 882 895921 | innocent.amos@investinknowledge.mw or Hastings Honde at +265 995 78 88 38 | hastings.honde@investinknowledge.mw

Do you consent to be part of this survey today?

☐ 1= Yes

☐ 0= No

2. (if 1=Yes) Do you consent to audio-recordings for data quality checks? These will be deleted immediately after, and are serving for data quality purposes only. This is not required for you to take part in this research. ☐ Yes/NO

3. Do not ask the following question. Simply record your impressions. Is the respondent able to proceed with the survey?

☐ 1= Yes - FR agrees to participate

☐ 2= No - FR refuses to participate

☐ 3= No - FR does not refuse but is unable to participate

If YES, skip to 'SECTION 2'. If NO, continue.

(a). (If 3=No) Describe your impressions of the refusal / inability to participate. Do not ask

 1= Wants to reschedule

|___| 2= FR refusal for this round only

|___| 3= FR refusal for this round and any future rounds

|___| 4= Unable to survey – refusal by someone other than FR

|__| -77= Unable to survey—other

Rescheduling instructions: Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now. End the interview.

_____||_____||_____||_____||_____||_____||:_____||_____||

(b). Record your impressions of why the FR refuses to participate during this survey round. If you feel comfortable doing so, you may ask the FR “Why don’t you want to participate?” Choose up to 3 reasons. If someone else is refusing on behalf of the FR, return to question a and mark “4”.

|___| 1= Survey is too long

|___| 2= FR has caregiving duties

|___| 3= FR has to work

☐ 4= FR does not want to disclose personal information

|___| 5= FR is suspicious of IdInsight

☐ 6= FR hasn't received further assistance from IdInsight and doesn't want to participate because of that

|___| 7= FR just doesn't want to / no reason given

|___| -77= Other (specify)

-99= FO DK / can't determine

(c.) Record your impressions of why the FR refuses to participate during this round and any future rounds. If you feel comfortable doing so, you may ask the FR “Why don’t you want to participate?” Choose up to 3 reasons. If someone else is refusing on behalf of the FR, return to question a and mark “4”

1 = FR has been interviewed before, and is tired of [SURVEY FIRM] coming to visit

2 = FR is not interested in the project/research

3 = FR does not want to disclose personal information

4 = FR is suspicious of [SURVEY FIRM]

5 = FR hasn't received (further) assistance from [SURVEY FIRM] and doesn't want to participate because of that

6 = FR just doesn't want to / no reason given

10 = other (specify)

-99 = FO DK / can't determine

|_|_|/|_|_|/|_|_| Other:

Skip to "Closing Interview Statement".

Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the Invest In Knowledge Office.

Section 2: Confirming Identity

1. What is the name of the household head?

2. What are the main income activities that you do in your household?

3. What is the respondent's gender?

☐ 1= Male

☐ 2= Female

☐ 3= Other/no response/refuse to answer

4. What is your birth year?

5. Currently, how many people in total (including yourself) are in your household, "eat from the same pot" and spend 4 nights or more in an average week sleeping in your home?

6. Our records show that you live in [village], in the GVH [gvh], in the TA [ta].

Is this correct? Select no to update your details.

☐ 1= Yes

☐ 0= No

☐ -99= Don't know

☐ -88= Refuse to answer

(i). (If 6=No) Which TA do you live in?

☐ ta_id= ta

☐ -77= other

(ii.) (If 6=No) Which GVH do you live in?

☐ gvh_id= gvh

☐ -77= Other

(iii). (If 6=No) Which village do you live in?

☐ village_id= village

☐ -77= Other

Section 3 Savings and Credit

Read: The following questions are about your financial situation, which we want to know for research purposes about living standards in the area.

1. Do you or someone in your household have any type of account in a bank or Microfinance institution?
☐ 1= Yes
☐ 0= No
☐ -99= Don't know
☐ -88= Refuse to answer
2. (If 1=Yes) What is your household's current balance on all bank accounts combined (savings + checking) in MWK, approximately? Number
3. Do you or someone in your household have a mobile money account ? Note: Do not list bank accounts already mentioned in the previous question.
☐ 1= Yes
☐ 0= No
☐ -99= Don't know
☐ -88= Refuse to answer
4. (if 3=yes) What is your household's current balance on all mobile money accounts combined in MWK, approximately?
5. Do you or someone in your household participate in a community savings group including Village Savings and Loans Associations (VSLA) / SACCO / ROSCA?
☐ 1= Yes
☐ 0= No
☐ -99= Don't know
☐ -88= Refuse to answer
6. (if 5=yes) How many members does your community group have? (Considering all groups)
7. (if 5=yes) What was your household's savings group contribution in the last 30 days (MWK)? (Considering all groups)
8. How much do you have in savings in total (MWK)? This includes savings in bank, micro-finance institutions, community savings group (merry-go rounds) and at home.
☐ 1= Amount In MWK
☐ 2= Prefers to answer in a range in MWK (Do not Read)
☐ -88= Refuses to answer (Do not Read)

(i) (if 8=1). Amount in MWK. Record "0" if the household doesn't have any saving.

(ii) (if 8=2) Answer in a range.

☐ 1= 1-100 MWK

☐ 2= 101-1000 MWK

☐ 3= 1001-5000 MWK

☐ 4= 5001-10000 MWK

☐ 5= 10001-25000 MWK

☐ 6= 25001-50000 MWK

☐ 7= 50001-100000 MWK

☐ 8= Above 100000 MWK

11. Do you or someone in your household currently have any outstanding loans from a commercial bank, commercial lender, or a Microfinance Institution?

☐ 1= Yes

☐ 0= No

☐ -99= Don't know

☐ -88= Refuse to answer

12. (if 11=yes) What is the total amount your household currently owes all these commercial lenders combined (MWK)?

13. (if 11=yes) What is the total amount your household made in loan payments (interest payments or loan repayments) to these commercial lenders in the last 30 days (MWK)?

14. Do you or someone in your household currently have any outstanding loans from a moneylender?

☐ 1= Yes

☐ 0= No

☐ -99= Don't know

☐ -88= Refuse to answer

15. (if 14=yes) What is the total amount your household owes all these moneylenders combined (MWK)?

16. (if 14=yes) What is the total amount your household made in loan payments (interest payments or loan repayments) to these moneylenders in the last 30 days (MWK)?

Section 4: Expenditure

Section 4.1: Food Expenditure

Read: Now I would like to start asking you questions about how your household spent money in the past month, regardless of which person made the purchase.

First, I would like to ask you some questions about your household's consumption on different food types in the last week

Read: Now I'd like to ask you some questions about household expenditure. I will ask you about different food and other items.

	PURCHASES IN LAST 7 DAYS	HOME PRODUCTION	GIFTS	SHOPPING PATTERNS
Consumption/Expenditure Code: Enter 0 if none. DK=-99	Q1: In the past 7 days, how much have the members of your household spent on [FOOD] ? 	Q2. In the past 7 days, how much [FOOD] did your household consume from your own production? <i>Could you please estimate how much MWK it would have cost if you had bought it from the market?</i>	Q3. In the past 7 days, how much [FOOD] did your household receive as a gift from someone outside of the household? -If they received, what was the total amount MWK of those gifts Enter 0 if none.	Q4. (if spending >0) Where did members of your household purchase [food] in the last 7 days? <i>If multiple markets / villages, pick the main three where you spent most</i> Include "DK=-99" option
	MWK	MWK	MWK	VILLAGE or MARKET CENTRE
(a) Maize Maize ufa mgaiwa / Maize flour Ufa woyera /Refined maize flour Chimanga / Maize grain (not as ufa) Chimanga chachiwisi / Green maize nsima/Maize porridge				
(b) Other cereals Mpunga / Rice Ufa wa madeya / Bran flour Mawere / Finger millet				

<i>Mapira / Sorghum</i> <i>Mchewere / Pearl millet</i> <i>Fulawa, Buledi, mabanzi, maskono, mabisiketi / Wheat flour/Bread/Buns/Scones/Biscuits</i> <i>Mapira, mpunga, tirigu zakudya mammawa / Breakfast cereal, porridge</i> <i>Mapira, mpunga, tirigu zakudya ana mammawa / Infant feeding cereals</i> <i>Include grains used for food or alcohol.</i>				
(c)Spent on grinding of maize, cereals, and any other products (Only include price of GRINDING service, not of the product itself. If purchased already ground, (e.g. maize flour), include in the product category (e.g. maize).				
(d) Tubers and Roots <i>chinangwa / Cassava tubers</i> <i>Ufa wa chinangwa / Cassava flour</i> <i>Kachewere woyera / Irish Potato</i> <i>Mbatata yoyela/ White sweet potao</i> <i>Mbatata yofiira mkati / Orange sweet potato</i> <i>Mbatatesi tchipisi / Potato chips</i> <i>Nthochi yophika / Plantain, cooking banana</i>				
(e) Legumes, Nuts & Seed <i>Nyemba zoyera ndi zofiira / Beans, white and brown</i> <i>nandolo / Pigeon peas</i> <i>Mtedza / Groundnut</i>				

Ufa wa mtedza / Groundnut flour Ufa wa soya / Soyabean flour Nzama / Ground bean Khobwe / Cowpea				
(f) All vegetables Anyezi / Onions Kabichi / Cabbage Tanapozi/Repu / Tanaposi/Rape Tchainizi / Chinese cabbage Masamba ena olimidwa / Other cultivated green leafy vegetables Masamba ena a mthengo / Gathered wild green leaves Tomato Nkhaka / Cucumber Dzungu, Nkhwani / Pumpkin, Pumpkin leaves Therere / Okra Bowa / Mushroom Masamba ena Chisoso Mamunaaligone Denje/local vegetables Chigwada/Cassava leaves				
(g) Dairy and Eggs Mazira / Eggs Mkaka wauwisi / Fresh milk Mkaka waufa / Powdered milk Majarini / Margarine - Blue band Chiponde / Butter Chambiko / Chambiko - soured milk Yoghurt Mkaka wa ana wa m'botolo / Infant feeding formula (for bottle)				
(h) Fish Nsomba zouma / Dried fish Nsomba zaziwisi / Fresh fish Nsomba za mchitini / Tinned fish				

Nsomba zowamba/ Smoked fish				
(i) Meat Nyama ya ng'ombe / Beef Nyama ya mbuzi / Goat Nyama ya nkhumba/ Pork Nkhuku / Chicken Nyama zina-nkhanga, nkhunda ndi zina / Other poultry-guinea fowl, doves, etc Nyama zing'ono zing'ono-kalulu, mbewa / Small animal-rabbit, mice, etc Ngumbi, mafulufute / Termites, other insects (eg: caterpillar) Nyama za mchitini / Tinned meat				
(j) Food from vendors Chimanga chophika/Chootcha cha mavenda / Maize - boiled or roasted Tchipisi cha mavenda / Chips Chinangwa chophika cha mavenda / Cassava - boiled Mazira ophika a mavenda / Eggs - boiled Nkhuku zapachiwaya / Chicken Nyama zapachiwaya / Meat Nsomba zapachiwaya / Fish Mandazi, madonasi / Mandazi, doughnut Samusa / Samosa Zakudya za ku resitiranti / Meal eaten at restaurant				
(k) Sugar fat oils Shuga / Sugar Nzimbe / Sugar Cane Mafuta ophikira / Cooking oil				
(l) All fruits				

Mango Nthochi / Banana Nachesi, oranje, ndimu / Citrus- tangerines, orange, lemons, etc Chinanadzi / Pineapple Papaya Pichesi/ Peach Gwafa / Guava Peyala / Avocado Zipatso za chilengedwe (masau, malambe, etc) / Wild fruit Majambula/ Berries Apples Strawberries Mavwende/watermelon				
(m) All non-alcoholic drinks Tiyi / Tea Khofi / Coffee Koko, millo / Cocoa, millo Sobo / Squash (Sobo drink concentrate) Juwisi wa zipatso / Fruit juice Freezes (flavoured ice) Soft drinks (Coca-cola, Fanta, Sprite, etc.) Madzi ogulitsa a Thobwa m'botolo / Bottled water or a plastic tubes				
(n) Alcoholic drinks / tobacco Chibuku / Chibuku (commercial traditional-style beer) Maheu Mowa wa mmabotolo / Bottled/canned beer (Carlsberg, etc.) Masese / Traditional beer Waini / Wine or commercial liquor Kachasu / Locally brewed liquor (kachasu) Fodya/Tobacco				
(o) Spices and Miscellaneous Mchere / Salt Zokometsera ndiwo /				

Spices Onga, Rajah, Kale Yeast, baking powder, soda / Yeast, baking powder, bicarbonate of soda Tomato sauce (bottle) Soya Pieces Tsabola (Nali, etc.) Jam, jelly Sweets, candy, chocolates Uchi / Honey				
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Section 4.2: Non-food expenditure

Read: Now I would like to ask you about items / services purchased by your household. Please include all purchases made, regardless of which household member made them. Please exclude from your answers any items purchased for processing or resale in a household enterprise.

FO NOTE: The following questions ask about spending in the past 30 days

Frequent non-food items	Q1. In the past 30 days, how much did your household spend on [ITEM] in total? (MWK) <i>Enter zero if none are consumed. DK=-99</i>	Q2. (if non-zero purchases) From which village or market center did members of your household purchase [ITEM] in the last 30 days? <i>If multiple markets / villages, pick the main three where you spent most</i> Include “DK=-99” option
	MWK	VILLAGE or MARKET CENTRE
a. Airtime, other phone expenses		
b. Internet services, internet usage outside home		
c. Transport		
d. Lottery tickets, sports bets, gambling, etc.		
e. Clothing and shoes		
f. Services paid for fixing, tailoring, ironing, cleaning clothes, etc.		
g. Recreation/entertainment such as books/magazines, music/CDs, videos, tickets to any entertainment		

h. Personal items (hair cuts, toiletries (shampoo, tooth paste, razor blades, cosmetics etc, combs)			
i. Other household items (soap, detergent, cleaning agents, toilet paper/tissues, air freshener, shoe polish, insecticide, matches, candles)			
j. Household fuel (such as firewood, charcoal, kerosene, gas, rechargeable and non-rechargeable batteries)			
k. Electricity or solar			
l. Water			
m. Mail, postal, or delivery services			
n. Insurance (health or other)			
o. Wages paid for domestic services (servants, cooking, watchman, gardener)			
p. House rent/mortgage, land/property rent			
q. Building/construction supplies (e.g. cement, bricks, metal sheets, doors, timber, labour, etc.)			
r. School devotement/contribution, and fees (such as printing fees for primary school)			
s. Religious expenses or other cultural ceremony services (e.g. initiation ceremonies, circumcision, dances, excluding weddings and funerals)			
t. Charitable donations (including tithing in church and other contributions, charity, beggar, contributions to village fundraisers for school fees, etc)			
u. Weddings, Funerals (including outside their household if contributed to their costs)			
v. Medical expenses (including consultation fees, medicines, hospital costs, lab test costs, ambulance costs, and related transport)			
w. Agricultural Expenses			
1. inputs: seeds, fertilizer			
2. capital: tools, equipment, repair			
3. land: purchases and rents			
4. labor/wages for outside household laborers			
5. livestock purchases			
x. Household durables:			
1 Vehicles (car, boat, bike, motorbike, handcarts, etc.)			
2 Furniture (bed, chair, vases, mirror, etc.)			
3 Carpets, linen, mattresses, mosquito nets			
3 Kitchen and HH equipment (cutlery, pots, pans, plates, etc.)			
4 Electronic equipment, (lamps, mobile phone, television, etc.)			
y. Business Expenses:			
1.Costs to set up a new business?			
2. repairs of machines, tools, equipment for your business (excluding those already mentioned above)?			

3. Purchases of supplies, merchandise and raw materials for your business?		
4. wages of employees for your business?		
z. Lobola (bridewealth) cost		
aa. Taxes, insurance, fees, market fees		
bb. Bribes, fines, fees, etc.		
cc. Contributions to local public goods, for example water points, health points, village fundraisers, roads, etc.		

Q3. In the last 30 days, did you make any other significant expenditure (above MWK 2000) that we did not mention yet?

| | Yes / No

a. **(if yes)** On what? _____

b. **(if yes)** How much did you spend additionally in total? | | MWK

c. **(if yes)** At which markets? *Select multiple.*

Section 5: Time Use

1. In the last 7 days, how many days did you...

(i) Work for a wage or pay?

Number

(ii) Work on your own farm/agriculture/pastoral activities?

Number

(iii) Work on your own non-agriculture business

Number

2. In the last 7 days, how many hours did you...

(i). Work for a wage or pay?

Number

(ii) . Work on your own farm/agriculture/pastoral activities?

Number

(iii) Work on your own non-agriculture business

Number

3.(if 2i>0) When you work for a wage/pay, how is your wage determined? Is it by the hour, by the day, by the month or is there another method used?

1= Hourly

2= Daily

4= Weekly

5= Fortnightly

3= Monthly

-77= Other

4. (if any selected in 3) What is the amount you are paid according to the rate you described? (In MWK)

5. (if 2i>0)How much did you get paid in total for the work you did in the last 7 days?

Section 6: Income

1. In the last 30 days, how much money did your household make in total from agriculture and livestock after accounting for all the costs?

2. In the last 30 days, how much money did your household make in total from non-agriculture self-employment after accounting for all the costs?

3. In the last 30 days, how much money did your household make in total from working for a wage?

4. In the last 30 days, how much money did you give away in total in the form of a transfer or gift to someone living outside of your household?

5. In the last 30 days, how much money did you receive in total in the form of a transfer or gift from someone living outside of your household?

Section 7: Inflation

1. In the last month, do you feel like prices for goods and services in your village or market have changed more than or faster than usually / previously?

- ☐ 1= a lot more
- ☐ 2= somewhat more
- ☐ 3= same as usually
- ☐ 4= somewhat less
- ☐ 5= much less

(if 1=1 or 2)

(i). Which types of goods?

- ☐ 1= Maize
- ☐ 2= Meat
- ☐ 3= Fruits/Veggies
- ☐ 4= Other food
- ☐ 5= Farming materials
- ☐ 6= Household items
- ☐ 7= Home building materials
- ☐ 8= Other durable (non-food) items
- ☐ 9= Services (e.g. hair salon, tailoring, fixing a bike, etc.)

(ii). What were your strategies for coping with these price increases?

- ☐ 1= buy less
- ☐ 2= buy in bulk
- ☐ 3= go to a different market
- ☐ 4= buy another, cheaper item (lower quality)
- ☐ 5= no strategy, just have to pay more
- ☐ 6= working more or finding ways to increase income
- ☐ 7= Increasing home production
- ☐ -77= Other option not listed here
- ☐ -99= Don't know/no response

(iii). (if ii=-77) What other coping strategies did you use to deal with price increases?

2. In the last month, did you have any issues sourcing goods and services that you would have liked to purchase? For example, these goods were not available from sellers as usual?

- ☐ 1= Yes
- ☐ 0= No
- ☐ -99= Don't know
- ☐ -88= Refuse to answer

(i.) (if 2=yes) Which types of goods were less available than usual?

- ☐ 1= Maize
- ☐ 2= Meat
- ☐ 3= Fruits/Veggies
- ☐ 4= Other food
- ☐ 5= Farming materials
- ☐ 6= Household items
- ☐ 7= Home building materials
- ☐ 8= Other durable (non-food) items
- ☐ 9= Services (e.g. hair salon, tailoring, fixing a bike, etc.)

Section 8: Conclusion

1. Thank you so much for your participation today. We would like to contact you a few more times to ask more questions about your spending in the next few months, would that be ok?

☐ 1= Yes

☐ 0= No

2. (If =yes) In order to contact you in the future, we'd like to collect a few additional phone numbers we can use to reach you. Please share with us any other numbers we might be able to use to contact you.

(i). Tell me your alternative or primary phone number :

(ii). Tell me your spouse's phone number

(iii). Enter another phone number we can use to contact you if you have one

(iv). [if iii is not empty] Who is the other number for? (another phone, friend, etc)

The call is now complete. Please TERMINATE THE CALL and answer the following questions.

FO: How was the respondent's skill in speaking and understanding the survey language?

3. They displayed ____ speaking or understanding the language.

☐ 1= no problems

☐ 2= a little difficulty

☐ 3= moderate difficulty

☐ 4= serious problems

4. How confident are you in the overall quality and truthfulness of this respondent's responses?

☐ 1= very confident

☐ 2= somewhat confident

☐ 3= not very confident

3. (if 4 is not 1) Why? _____

4. Do you have any notes or comments about the survey? Leave blank if none. IF the respondent is deceased, missing contact information, or there is another issue, please flag to your supervisor

The macroeconomic impacts of cash transfers

Dennis Egger, Doug Gollin, Miriam Laker, Edward Miguel, Paul Niehaus

General background/context

This document outlines the plan for a new collaborative program of funded research, run jointly between the [STEG program](#), the [Berkeley Initiative for Transparency in the Social Sciences](#) (BITSS), and a new group for Macro-Experimental Development at Oxford University.

The agenda is to consider our discipline's tools and approaches for thinking about the macro aggregate and distributional impacts of large-scale development interventions. We will initially focus on the particular case of cash transfers. As you will undoubtedly know, donors and governments are increasingly considering the expansion of existing cash transfer programs. An example is the [rapid expansion of cash transfers to 30M people in South Africa](#) during the COVID-19 pandemic and beyond.

Questions we will begin to explore in the research program include:

- How might we model the effects of scaled-up programs – beyond the level of individual communities, to encompass entire regions or even countries?
- What kinds of data might need to be collected to support the development of macro models or structural analyses?
- What methodological tools are needed to combine experimental approaches with structural or macro-modeling? Which questions are amenable to study through randomization?
- How would we evaluate the usefulness – or even the “accuracy” – of such models?
- Should we aim to discipline the ex-ante processes of model selection and design, akin to pre-analysis plans for empirical work? If so, how should this be done?

These discussions, and the resulting papers, will directly impact the planned scale-up of the programs of [GiveDirectly](#) (GD) as they consider plans to roll out unconditional cash transfers to a substantial proportion of people living in poverty within entire countries over the next decade. There is also scope for integrating structural approaches with the accompanying randomized evaluation of this program at an unprecedented scale: To evaluate the planned scale-up, GiveDirectly in collaboration with the Oxford Centre for Macro-Experimental Development aims to randomize aspects of the program design as well as its roll-out across time and geographic units and collect data at a large-scale. The models developed as part of this call will guide the evaluation design and data collection, which can then be used to test the proposed theories. Beyond GD, the initiative is hoping to generate actionable and policy-relevant insights for cash transfer programs across the world.

Objective(s) for the collaboration

1. Provide policy-makers (GD and its stakeholders including funders, national governments, international organisations, donors, etc.) guidance about what the likely impacts of scaled-up unconditional cash transfers are, how well we can anticipate these in advance,

and whether any design changes are likely to lead to more advantageous effects (e.g. if we slow pace of transfers how does this affect price pressures?).

Concretely, the outcomes that GD and its stakeholders care most about are levels of poverty, employment, social development, consumption, prices, and their distribution within the population and over time. They are also interested in the macroeconomic impacts on government finance, the balance of payments, and the exchange rate.

2. Take advantage of the large-scale randomized rollout of GiveDirectly's planned scale-up in Malawi and Rwanda to draw more generalizable/portable lessons about the macroeconomics of low-income countries. Here we look to the wisdom of the research community to tell us what the potentially important issues/questions are, and how these might be tested within this context.
3. Create opportunities for closer collaboration between experimental approaches to studying questions in development, and more structural or macro-approaches, through shared input into empirical designs, the sharing of data, and the joint development of methodological tools combining randomization at-scale, and structural modeling.

Description of the intervention

The proposed intervention will be implemented by GiveDirectly, in collaboration with the governments of Malawi and Rwanda, which will be priority countries for the next scale-up phase of their activities. Importantly, given the ambitious scale and long-term nature of the program, its parameters are somewhat uncertain and may respond to the demands of stakeholders, including local governments, and funders, and to input from the academic and policy community. Based on GD's experience and early discussions with stakeholders, the program is likely to feature:

- **One-time large lump-sum unconditional cash transfers** to eligible adults within a village (the smallest possible unit of treatment) delivered through **mobile money**
- Transfer size is expected to be **\$550 per adult** (~ 100 - 150% of recipients' annual income)
- In most communities, targeting will be limited since the vast majority of people live below the international poverty line of USD 2.15 per day (i.e. **universal transfers**). In some communities, including urban and richer communities, there may be some form of targeting
- Taken together, this implies transfers will represent a sizable **100 - 150% share of local (e.g. village-level) GDP in villages that are part of the program**.
- GD and stakeholders are considering the possibility of additional cross-cutting interventions in some circumstances, including, e.g. climate-smart agriculture interventions, additional cash or insurance for widespread shocks, labeled cash (unconditional cash with nudges to promote specific behaviors), complementary infrastructure, health or community investments, and market-level interventions to promote supply and market access. Decisions on whether, and which of these complementary interventions will be tried, and at what scale will be made by GD.

Scale of the intervention

The ambition of GD and the governments of Malawi and Rwanda is to give cash transfers to every person living in extreme poverty within both countries – a total of approximately 10 million people, or 25% of national GDP worth in transfers – over the next decade. Naturally, the final scope of the program and therefore the speed at which transfers will roll out will depend on fundraising efforts, and operational capacity. The program will therefore likely be split into different phases of increasing size and ambition over time. What is already clear is that this will be, by at least one, possibly two or more, orders of magnitude, GiveDirectly's largest cash transfer program to date.

Experimental rollout / evaluation strategy

GD is committed to building evaluation, including through randomization, into all its ongoing programs. A novel aspect of the proposed program is the scale at which such randomization might take place, and the way in which structural modeling might inform ex-ante the strategy of rollout, the unit of randomization, and the data collection, and ex-post the analysis of the experimental data through the lens of such models.

As mentioned above, there is substantial uncertainty surrounding the final design, scope, and rollout speed which will depend on fundraising and stakeholder preferences. However, we envisage a coordinated overall randomization and data collection strategy at scale over the next 5 – 10 years and the possibility for crowd-in of additional research through randomization of additional program features, or the collection of additional data modules in subsamples of the overall rollout. Such additions may result directly from the structural work done within this collaborative.

The Oxford Centre for Macro-Experimental Development will act as a hub for coordinating and collecting proposals from researchers in this collaborative, and jointly implement the evaluation with GiveDirectly. Decisions on the intervention, its rollout, and any empirical strategy will be made by GiveDirectly.

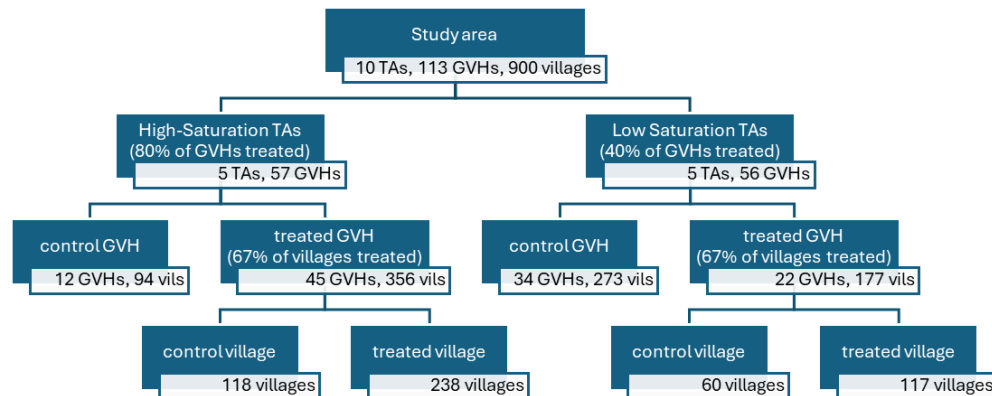
Illustrative rollout scenario for Malawi

Below, we outline a somewhat stylized or 'ideal' scenario using the example of Malawi:

- | | |
|---------|---|
| 2023/24 | Phase 0 - One traditional authority:
GD sent transfers <i>universally</i> to all adults within an entire traditional authority (TA) within 6 months. The TA had a population of 140k, 300 villages, 30 market centers. Transfers amounted to 125% of GDP in the entire study area. 0.3% of national GDP. |
| 2025/26 | Phase 1 - Entire district: Chiradzulu
In Phase 1, GD will move to work in an entire district – Chiradzulu. The district is administratively organized into 10 traditional authorities (TAs), 113 Group Village Headman units (GVHs), and 900 villages. The district has a population of approximately 400,000 of which there are about 220,000 adults who are eligible to receive GiveDirectly transfers. |

In villages selected for treatment, each eligible adult receives 550 USD – or about 125% of baseline annual consumption expenditure – in two installments (50 USD in the month after census, 500 USD two months after), delivered through mobile money and paid unconditionally.

Randomization



Randomization of cash transfers will be across 3 different geographic units (villages, GVHs, and TAs) in order to create variation in exposure to treatment not only at the village level, but also at higher geographic orders (including market catchment areas).

1. *TA Saturation:* Variation in the intensity of treatment across TAs generates variation in the geographic exposure to treatment of local economies.
2. *GVH Saturation:* Within treated GVHs, approximately $\frac{2}{3}$ of villages will be treated. Retaining control villages in treated GVHs allows us to estimate within GVH spillovers. In control GVHs, no villages will be treated, acting as pure controls.
3. *Village-level treatment:* Within treated villages, treatment is *universal* and at the individual level, i.e. every adult will be eligible to receive treatment.

This design generates substantial variation in treatment exposure at various different geographies: Treatment will amount to 125% of GDP in treated villages, 84% of GDP in treated GVH, and 50% of GDP in Chiradzulu as a whole. This is substantially larger than any previous cash transfer RCT. For comparison, the Egger et al. (2022) study had 25% of GDP in treated villages, and only 5% of GDP across their study area Siaya County (an area roughly the same size as Chiradzulu district).

Other potential randomizations: There may be other dimensions of the program that may be cross-randomized, including e.g. complementary interventions, size or timing of the transfers, grants or information interventions to businesses, etc. There may also be scope for randomizing the intensity over time to estimate dynamic

impacts. The Oxford Centre for Macro-Experimental Development will collect and coordinate any suggestions by the research community. Final decisions will be made by GD, and take into account their and stakeholders' interests.

Beyond **Countrywide.** Beyond Chiradzulu, GD hopes to continue work in additional districts. Eventually, the ambition is to work countrywide.

Timeline and aim for this call

This first call for proposals seeks proposals for structural / macroeconomic work on the potential impact of GD's rollout at-scale, and for the impacts of cash transfers at scale more broadly. Papers should *not* expect to rely – in the first instance – on data collected at endline, i.e. after the large-scale rollout has happened. Rather, they should aim to be ex-ante predictive/useful for the above-mentioned Objective 1 of this collaborative. An example could be a macroeconomic or spatial model calibrated to the specific Malawian context and used to model and predict salient aspects of the impacts of GD's program.

Papers may rely on baseline data that is publicly available and proposals may include a budget for baseline data collection. Original data will also be collected at baseline by GD and the Oxford Centre for Macro-Experimental Development and made available (anonymized) to all researchers in the collaborative. There is scope for proposing particular sets of data to be collected, and there will be research assistance available for data aggregation and sharing. The funding of and decision on both lies with the Oxford centre.

That said, researchers may set up the work stream expecting to validate models and predictions, or estimate parameters of the proposed models ex-post using experimental

Jan 2025 STEG Call for Proposals

A STEG-run call for proposals inviting papers to work on the macro / general equilibrium impacts of cash transfers, and programs such as the one specified above specifically. There will be an informal discussion at STEG annual conference in Oxford. This is also an opportunity where the call can be publicized, and interested researchers can ask further questions / clarifications. There is funding for approximately 6-8 papers to be selected. Deadline: 3 March 2025.

24 - 26 July 25 Early-stage workshop in Malawi

The workshop will focus on presenting early-stage work / visions from funded participants. This will be a chance to engage with stakeholders (including central bank, governments, GD, etc.), visit the study area, and an opportunity to discuss ways to incorporate early-stage analyses and thinking into program rollout, data collection, and the finalization of the randomization strategy.

There will also be a session (run by BITSS) on the usefulness and parameters for pre-specifying structural / macro work. The aim is to come up with a set of requirements and a core structure for 'structural pre-analysis plans', and to use this initiative as a test case for the usefulness of such an approach.

An illustrative early example is [Egger et al. \(2024\)](#). It specifies ex-ante, a) a structural model, b) a calibration/estimation strategy, and c) a validation test, i.e. a set of out-of-sample moments the model is tested against, and a method for conducting such a test. In this case, ex-ante means before *estimating* the model, but *after* data collection. A more convincing approach would be to specify this *before* endline data is collected (but after baseline, such that baseline data can be used to inform modeling choices). Importantly, this need not be the template we converge on, as we'd like to keep the discussion on this open to the experience and inputs from this collaborative and beyond.

Aug 2025

RCT-design for Phase 1 finalized and start of baseline data collection.

Inputs and learnings from the early-stage workshop are incorporated, and the final intervention design, treatment assignment, and scope of the intervention will be shared with the collaborative. Researchers begin working on models and papers that speak to the specific context. Basic data on population, randomization, markets, etc. will also be available at this stage. We will also share any administrative data, and data from previous GiveDirectly RCTs. There may also already be data available from a pilot program conducted in a subset of the study area between February - August 2025.

Jan 2026

Baseline data shared with researchers

Baseline household, enterprise, and price data collection will likely take place between September 2025 and December 2026. This will be implemented by the Oxford centre, and questionnaires and types of data to be collected will respond to inputs / requests from the funded researchers in the collaborative. We hope to share a clean dataset with researchers in the collaborative at the earliest possibility, at latest March 2026. Data that does not need to be originally collected (e.g. VAT data, CPI micro-data, LSMS data, etc.) will be compiled and shared with all researchers of the collaborative when it is available, and efforts to access non-proprietary datasets will be shared between researchers and the Oxford centre.

Researchers can now use this data to calibrate the models, and create predictions of the impacts of the program studied in the RCT. They will also produce drafts of papers, which can then be submitted to the Carnegie-Rochester-NYU conference (see next point). Note, these papers will NOT rely on endline data, and will be purely predictive.

Mar 2026

Final reports due to STEG to close out the grants. Final payments made. Papers do not need to be completed at this stage.

Apr 2026:

Carnegie-Rochester-NYU conference and special issue of the JME

The Carnegie-Rochester-NYU series is a decades-long-standing semi-annual conference on policy dedicated to the large-scale macro development policies, with a special interest in the scaling of policies for which we have micro experimental evidence. The proceedings of which get published in a special issue of the JME. Proposals from this collaborative will be eligible for

submission to the conference (Due on 15 April 2025). The conference will take place April/May 2026, and the special issue will be published later in 2026 or early 2027. The editors of this special issue are Joe Kaboski, Mike Waugh, and George Alessandria, and the conference and special issue were initiated with this cash transfer collaboration in mind. We anticipate a few of the STEG commissioned projects being further commissioned by the JME special issue, and we anticipate an add-on day bringing together the remaining STEG-commissioned papers at the time of this event. This will maximize the interested audience for both days.

2026/27

Rollout of the Phase I RCT

Cash transfers will be rolled out across the study area for Phase I, throughout late 2025 and 2026.

Jan 2028

Short-run endline data shared with researchers

Endline / post cash transfer data will be collected throughout the Jan 2026 to Dec 2027 – from 0 to 2 years post transfers. This will likely include household data, enterprise data, and market data on market activity or prices. This will be implemented by the Oxford centre, and questionnaires and types of data to be collected will respond to inputs / requests from the funded researchers in the collaborative. The periodicity and timing of data collection is tbd, but we envisage a mix of short-run high-frequency data (e.g on spending, investment, prices, etc.), and more detailed surveys at about 1-2 years post-transfers. All data will be shared (anonymized) with all funded members of the collaborative.

Researchers can now use this data to ‘validate’ their models against empirical findings, e.g. by estimating model parameters using the experimental variation and endline data, or by conducting the (potentially pre-specified) empirical tests of their models against the empirical evidence. We hope that this will result in second follow-up papers of the first.

2029/30

‘Taking-stock’ conference

When data and empirical results from the large-scale RCT become available, researchers are invited to take stock on the usefulness / accuracy of their model’s predictions. This could take many different directions, e.g. it may involve participants structurally estimating their models on the experimental data, validating model counterfactuals against empirical results, etc. Findings could be presented at a joint workshop. This could also result in a joint JEP-style article on what this collaborative group of researchers has learned from this initiative.

Beyond

Scale-up and long-run data

Longer term endline data is likely going to be collected for several years afterwards. The ambition is moreover to scale-up the program further (as outlined above), and for this scale-up to explicitly respond and take into account the learnings from this collaborative – through affecting the targeting, pacing, or modalities of the program to further increase its impact.

Criteria for evaluation of submissions to STEG call

- The proposal speaks to the first ‘Objective’ of the program noted above:
 - 1) Provides policy-makers guidance about what the likely impacts of scaled-up unconditional cash transfers are on levels of poverty, consumption, prices, etc. and their distribution within the population and over time, or their macroeconomic impacts on government finance, the balance of payments, and the exchange rate.
- Ideally, it also sheds light on the other two ‘Objectives’
 - 2) Draws more generalizable / portable lessons about the macroeconomics of low-income countries, and addresses potentially important issues / questions, and how these might be tested within this context.
 - 3) Provides insight into how structural and experimental approaches to researching questions in development may be fruitfully combined.
- Applicability / specificity of the proposal to this particular program. At the minimum, submitted proposals should generate testable hypotheses that may be addressed within the context of the forthcoming program evaluation. Ideally, the proposals will provide *quantitative* predictions that can be tested against the empirical evidence.
- A demonstrated interest in contributing to the meta-scientific endeavor of this collaboration, including surrounding pre-specification of structural work.

Expectations and benefits for awardees

- Up to 20k GBP awarded for research activities, data, and assistance
- Funded participation in a workshop, including an in-country field visit to Malawi or Rwanda
- Data access and data-sharing — all teams agree to share their data with all other teams funded by this collaborative. Moreover, all teams get access to all the same (anonymized) data collected as part of this initiative by the Oxford Centre for Macro-Experimental Development and GD. This will include
 - a) Data on the intervention (size, target, scale, rollout, etc.)
 - b) Baseline administrative data – some of this is publicly available, others may be obtained by the Oxford centre, GD, or members of this collaborative through government relationships.
 - c) Original baseline data collected by the Oxford centre and GD on geography, population, households, markets, firms, prices, etc. There may be scope for researchers to propose additional data collection. The decision lies with the Oxford centre.

Note: Initially, researchers should NOT rely on endline data collected after the experimental rollout (though they may rely on evaluations of previous cash transfer programs). The reason is that a key aim of this collaborative is to provide ex-ante guidance to policy makers and implementers, and to test the predictive content of models developed by the collaborative for real-world impacts. However, all members of the collaborative will have early access to (anonymized) original endline data collected as part of the impact evaluation

as soon as it becomes available, e.g. for ex-post estimation or validation of the proposed models. The data will be made publicly available after publication of the first paper using the dataset.

- Authorship: Funded participants will have full authorship rights over their own papers. All funded participants will have the opportunity to join as co-authors any higher-level synthesis or summary article of the learnings from this collaborative overall. Dennis Egger (and members of the Oxford Centre for Macro-Experimental Development) will have co-authorship rights to:

a) any higher-level synthesis or summary articles resulting from this initiative, and

b) to the first paper on the impacts of the intervention / the first paper using endline data collected by this collaborative. Specifically, we will *not* need to be co-authors on the first set of funded papers that only use baseline data and predictions (though such collaborations may happen). However, we do ask that the first working paper that is released, and the first to be published using Endline data, or empirically estimating the impacts of the intervention / using the RCT will be co-authored by us (either as our own paper or as a collaboration with members of this collaboration).

Beyond that, co-authorship with other funded participants is of course encouraged. After publication of the first paper using endline data, all data will be openly available beyond the research collaborative.

- Opportunity to participate in the Carnegie-Rochester-NYU semi-annual conference on policy, the proceedings of which get published in a special issue of the JME.
- Opportunity for proposing a collaboration on a) randomization strategy, b) data collection, c) additional collaborative research papers coming out of this project. The Oxford Centre for Macro-Experimental Development will collect and coordinate such proposals. The final decision on intervention and implementation (including randomization) will be with GiveDirectly.
- Admin and data support from STEG, BITSS, and the Oxford Centre for Macro-Experimental Development.

Roles

- [STEG program](#) (Doug Gollin, Joseph Kaboski):
 - Runs the call for proposal, selection of funded participants, and the coordination with the Carnegie-Rochester-NYU conference and resulting publication
 - Responsible for administration and organization of the early-stage workshop
 - Decision authority for publication in the special issue of the JME lies with its editors Joe Kaboski, Mike Waugh, and George Alessandria.
- [BITSS](#) (Ted Miguel):
 - Hosts, funds, and organizes the 'Taking Stock' conference
 - Promotes discussions surrounding forecasting and pre-registration of structural work

- [Open Philanthropy](#) (Rossa O'Keeffe-O'Donovan, Justin Sandefur)
 - Funds the cooperative
 - Promotes discussions around forecasting of macro impacts of cash
- Oxford Centre for Macro-Experimental Development (Dennis Egger):
 - Manages relationships between the research collaborative and GD and its stakeholders, including: receiving and coordinating suggestions from the collaborative on empirical strategy / proposals for randomization, and the scope and content of surveys and other data collection efforts.
 - Together with GD, takes co-ownership over the overall RCT and evaluation design, rollout, and data collection strategy. There is an MoU between GD and the Oxford Centre outlining details. At a high level: All authority on intervention, its scope, scale, targeting and any randomization lies with GD. The centre co-designs the evaluation strategy, and decides jointly on empirical strategy and data collection. It has intellectual independence and the right to publish any findings from the evaluation. It gets access to implementation data from GD, and is the owner of all original data collection, and will make these publicly available (anonymized). This does not preclude GD from engaging in any other research partnerships.
 - Provides research assistance and data infrastructure for data sharing, including through the creation of an open data platform
 - Raises research funding for data collection
 - Promotes the crowd-in of other research through collaborations with other researchers, including through facilitating networks with implementers and stakeholders, data sharing, the ability to access samples and local research teams, propose additional questionnaires, and support for raising additional funds.
- [GiveDirectly](#) (Miriam Laker, Caitlin Tulloch, Jasmine Miller)
 - Point of contact between the research collaborative and GD and its stakeholders. All proposals for data collection and empirical strategy made as part of this collaborative are collected and coordinated through the Oxford centre, which is the main contact partner for GD on this research.
 - Participates in research design and provides oversight for any affiliated research activities being implemented in geographies where GD's operations are planned or ongoing
 - Has final ownership and decision authority over program implementation, randomization, and any research collaborations.