PEI IE Collaborative
Quantitative survey for Malawi SSRLP (paper version)

Color code for the template:

☐	Optional questions
☐	Optional, suggestion coming from Malawi
☐	Questions and amounts can be aggregated at the household level instead of individual
☐	Adapt to country
☐	Malawi-specific

Module A: Identification Information

Variable	Question	Response options
supervisor_id	A.1. Enumerator, please select *your supervisor name* among the list.	*List of supervisors*
enumerator_id	A.2. Enumerator, please select *your own name* among the list.	*List of enumerators, filtered by supervisors*
district_code	A.3. Enumerator, please select the *district* of the survey.	*List of districts (or equiv.), filtered by region*
village_code	A.4. Enumerator, please select the *village* of the survey.	*List of villages, filtered by district*
cluster_code	A.5. Enumerator, please select the cluster of the survey.	*List of clusters, filtered by village*
hh_name_concat	A.6. Enumerator, please select the name of the household to be interviewed.	*List of households, filtered by village*
benef_availab	A.7. Enumerator, is [name] available to answer the survey?	1. Yes, the person is available. 2. The person is temporarily busy / away, but the interview is rescheduled.

		3. The person is available but the household is no longer active in the SLG group.
		0. No, the person is not available for the survey (prolonged absence, sickness, or recent death).
		-77. No, the person cannot be interviewed for another reason (Please specify the reason)
benef_availab_oth	A.8.oth. Please specify the reason for absence *SKIP: Question relevant when: ${benef_availab} ='-77'*	
benef_revisit	A.8.b Please select the date of planed revisit. *SKIP: Question relevant when: ${benef_availab} =2 CONSTRAINT: Response constrained to: (. <= date('2023-10-31')) and (. >= today())*	*date*
benef_away_note	*[If the person is temporarily away] Enumerator: Please save and close the interview and recontact the respondent when they are available. Open a new form when starting the interview again. SKIP: Relevant if [benef_availab==2]*	
benef_availab_reason	A.8. [If the intended respondent is not available] Please select the reason why [name] is not available to answer the survey	1. The person is absent for a prolonged period. 2. The person is sick and cannot participate to the survey.

	SKIP: Relevant if [benef_availab = 0]	3. The person recently died.
substitute_availab	A.9. [If the intended respondent is not available] Is a substitute respondent from the same household available to respond to the survey? *SKIP: Relevant if [benef_availab = 0]*	1. Yes 0. No *If the intended respondent is not available and there is no substitute respondent, end of the survey.*
benef_nosusbst_note	If the intended respondent is not available and there is no substitute respondent, end of the survey. SKIP: Relevant when: ${substitute_availab} =0	
benef_notactive_note	If the intended respondent is no longer active, end the survey SKIP: Relevant when: ${benef_availab} =3	
benef_sick_prolonged_note	If the intended respondent is absent or sick for a prolonged period, close the interview SKIP: Relevant when: ${benef_availab_reason} =1 or ${benef_availab_reason} =2	
substitute_name	A.10. If there is a substitute respondent, please record their name here. SKIP: Relevant if substitute_availab==1	Record: First name, Middle name (if any), and Last name
identif_comment	A.11. Enumerator, please leave any important comment here if there is an issue with household identification	
consent_read	A.12. Enumerator, please read the consent form to the respondent:	

Good morning / afternoon,

Introduction of surveyor and their affiliation: My name is
[enumerator_name]. I work for the _____.

Purpose: I am visiting you today because we are collecting
information to better understand how public programs related to
socioeconomic inclusion and resilience work. We are inviting
approximately 700 people who are eligible to participate in the Youth
Skills Challenge (YSC) component, as part of the Social Support for
Resilience Livelihoods Project (SSRLP) implemented by the ____to
participate in a survey. This survey will allow us to study the financial
situation and well-being of people over the time period they are
involved in the program. With this survey, we hope to have a better
understanding of your lives, work activities, and the difficulties that
you face in everyday life so we can inform this and other similar
programs in the future.
In this study, we will be comparing beneficiaries of the SSRLP program
who participate in the YSC component versus beneficiaries of the
SSRLP program who do not participate in the YSC component. This
will help us understand the potential benefits of receiving the YSC
component.

The study is sponsored by the World Bank.

Procedures: Participation in this stage of the study will involve
completing a survey. We will ask questions about your household
members, how you get and consume food, your employment and
your income, how you spend time in other activities, and your overall
happiness.
The survey will take approximately 2 hours of your time. The survey
will take place right after you agree to participate.
We will use a tablet computer to record these questions. We will also
use a tablet computer to record your home location. This information
will help us collect accurate information.
We may contact you again in the future for additional surveys:
approximately one year after this first survey, and then again 1 year
after the second survey. However, you will be free to decline
participation in this and other surveys in the future if you wish.

Risks: There is a minimal risk that part of your answers in this survey
is lost or not managed properly. However, the research team in
charge of this study will take the needed precautions to minimize that
risk. There are no other anticipated risks from your participation in
the study.

Compensation: You will not receive an additional payment for
participating in this survey.

Benefits: Your answers will be very valuable in understanding more
about the people in this area, and improve the implementation of
similar public programs in Malawi.

Confidentiality: Your participation in this survey will be confidential.
The answers you provide will be stored securely in electronic form.
Only a few individuals from the research team analyzing this
information at the World Bank, and the ethical committee overseeing
the research, will have access to your name and any other identifying

information.
The researchers will take additional steps to protect your personal information. For example, your answers will be stored in a password protected computer. Your answers will inform academic reports in the future, but we will not include your name or other identifying information in these reports. Your answers will be maintained in this secured computer for approximately three years, until the academic reports are published. Only information that does not identify you may be shared with other people or organizations.

Voluntary Participation: Your participation in this survey is completely voluntary. You can decline your participation, end your participation at any time for any reason, or refuse to answer any question. There are no costs for participating or not in this survey. Your participation in the program will not be affected by your acceptance or refusal to participate in this survey.

Withdrawal: You can ask to be withdrawn from this study at any point, even after the survey is completed. If you ask to be withdrawn, any data collected from you and your household will be deleted and not used for the study. If you would like to be withdrawn from this study, contact the research team at ____ @worldbank.org.

Questions: If you have any questions about this study, you may contact the research team at +___@worldbank.org. You may also contact the Solutions IRB by calling +1 (855) 226-4472 or emailing at participants@solutionsirb.com. These ethical committees have reviewed research protocols in Malawi. Therefore, they can guide you on how to report any matters that seems as a violation of your rights as a participant in this study. **[ENUMERATOR: provide the flyer with this information to the respondents]**

Do you have any questions about what I just read?

[ENUMERATOR]: answer any questions from the respondent, then swipe to the next page.

Question relevant when: ${benef_availab} =1 or ${substitute_availab} =1

| consent | A.13. If I have answered all your questions, do you agree to participate in this survey?

You can take 15 minutes to decide.

SKIP: Relevant when:
${benef_availab} =1 or
${substitute_availab} =1 | 1. Yes, I consent to be interviewed
0. No, I do not consent to be interviewed |
| consent_sign | A.14. Kindly provide a signature on the tablet | [signature_field] |

	SKIP: Relevant if [consent = 1]	
refuse	A.15. Why do you refuse to participate to this interview? *SKIP: Relevant if [consent = 0]*	1. I am busy 2. I am not interested -77. Other, specify
refuse_oth	A.16.oth Please specify the reason *SKIP: Relevant if [refuse = -77]*	
refuse_note	Enumerator, thank the respondent and end the interview. *SKIP: Relevant if [consent = 0]*	
consent_gps	A.18. Do you agree to allow us to collect your GPS coordinates for this survey? *SKIP: Relevant if [benef_availab = 1] OR [substitute_availab = 1]*	1. Yes, I consent to the collection of GPS coordinates 0. No, I do not consent to the collection of GPS coordinates
gps	A.19. Enumerator, record the GPS coordinates *SKIP: Relevant if consent_gps==1*	
Consent_audio	A.20 Do you agree to allow us to collect audio recordings samples (approximately 5 minutes) for this survey?	
ysc_benef_check	A.21 Our records indicate that you are registered as applicant to the Youth Skill Challenge program. Is ${hh_name} still the applicant (or their proxy) of the Youth Skill Challenge program in this household?	1. Yes 0. No
ysc_new_firstname ysc_new_middlename ysc_new_lastname	A.22 Can you give me the name (first name, middle name, and family name) of the person that is an applicant in the Youth Skill Challenge program?	First name, Middle name if relevant, Family name
ysc_code_recall	A.23. Is ${ysc_mlcode} your MLcode?	1. Yes 0. No
ysc_mlcode_correct	*[if ysc_code_recall] = 0*	

Variable		Response options
	A.24.Please correct and enter the ML Code	
ysc_ntlid_recall	A.25.Is ${ysc_ntlcode} your national ID?	1. Yes 0. No
ysc_ntlid_recall_code	*[if ysc_ntlid_recall = 0]* A.26. Please correct and enter the National ID	
second_yscmember	A.27 Is there a second applicant to the Youth Skill Challenge program in this household?	1. Yes 0. No
second_yscmember_id	*[if second_yscmember = 0]* A28. Can you please enter the ID of the second applicant of the Youth Skill Challenge program?	
program_norecord	A.32. If I recontact you later on, will you be able to give me this number? *SKIP: R*elevant when: (${sct_book} =0 or ${sct_code_recall} =-99) or (${pwp_receipt} =0 or ${pwp_code_recall} =-99)	1. Yes 0. No
program_norecord_note	Enumerator: Continue this questionnaire, save it, and make sure to recontact the household later on to get the code Question relevant when: ${program_norecord} =1	

All modules below are only relevant if [consent = 1]

Variable	Question	Response options
resp_birth	A.34 Can you give me your date of birth?	Day, Month, Year

Module B: Household roster

Variable	Question	Response options
moduleB_note	[Enumerator read]: I am now going to ask you about the members of your household, their education and health. You can ask someone	

	else from your household to support you on this part if you need. HINT: Prioritize the person you are interviewing as respondent for this section. If that person needs support from another person from their household to answer this section, record the name of this / those person(s) at the end of the section	
hh_size	B.1. Including you, how many household members live in this household? Please include all individuals who normally live and eat their meals together in this household. This includes your immediate family, other relatives, individuals who normally live and eat their meals here even if temporally studying or travelling elsewhere, as well as maids/households if they are not already part of another household somewhere else.	Response constrained to: .>0 and .<=15
mbrs_list	B.2. Please make a complete list of all individuals who normally live and eat their meals together in this household. HINT: [ENUMERATOR PLEASE READ] Please start with the names of all the members of your immediate family who normally live and eat their meals together. Then, give the names of any other person related to you or other household members who normally eat their meals together.	Record first name, middle name (if any) and last name of each hh member

	Then give the names of any other person, not here now, who normally live and eat their meals here. This includes for instance household members studying elsewhere or traveling. Finally, please give the name of any other person not related to you or other household members, but who normally live and eat their meals together, such as maids/househelps, lodgers, or other who are not relative. DO NOT LIST maids/househelps who have a household elsewhere and guests who are visiting temporarily and have a household elsewhere. *CONSTRAINT: Response constrained to: .>=1 and .<= 15*	
mbrs_check	B.3. Let me read you the list of the household members one more time. Is this all the household members who live and eat in this household? If no please go back and add the remaining member who was not included.	[Show list of all names previously recorded]
hh_head_id	B.5. Among those members, who is considered the head of household. You can record up to two head of households. *Question relevant when:* *${mbrs_check} =1* Response constrained to: count-selected(.) > 0 and count-selected(.) <= 2	[Show list of all names previously recorded]
main_resp_id	B.6. Please select who is the main respondent from the list below.	[Show list of all names previously recorded]

	Check with the respondent if needed. Question relevant when: ${mbrs_check} =1	

Identification information – Contact

Variable	Question	Response options
contact_note	I would like to begin the survey by asking or confirming the contacts we have for your household	
phone1	Do you or anyone in the household have a working cell phone?	
phone1_num	A.35. What is the primary phone number? *10-digit number.* *Enumerator: If the respondent has a phone but does not know their number, suggest them to type this to know their number: For TNM users *678# For Airtel *500#. Enter -99 if the number is still unknown. Enter -66 if respondent refuses to provide the phone number.* *Question relevant when:* *${phone1} = 1* Response constrained to: regex(.,"^0+[0-9]{9}") or .=-66 or .=-99	1. Yes 0. No
phone2_num	A.36. Who is the owner of this phone number? Question relevant when: ${phone1}_num !='-66' and ${phone1}_num !='-99' and ${phone1} = 1	Select among the household members
phone2	A.37. Does your household have any other phone number we can reach you on?	1. Yes 0. No

	Question relevant when: ${phone1} = 1	
phone2_num	A.38. What is the second phone number? *10-digit number. Enumerator: If the respondent has a phone but does not know their number, suggest them to type this to know their number: For TNM users *678# For Airtel *500#. Enter -99 if the number is still unknown. Enter -66 if respondent refuses to provide the phone number.* *Question relevant when: ${phone2} = 1* Response constrained to: regex(.,"^0+[0-9]{9}") or .=-66 or .=-99	
phone2_owner	A.39. Who is the owner of this other phone number? Question relevant when: ${phone2_num} !='-66' and ${phone1_num} !='-99' and ${phone2} = 1	Select among the household members
phone3	A.40. Do you have any neighbor or relative leaving nearby with a working phone? Question relevant when: ${phone1} =0	1. Yes 0. No
phone3_num	A.41. What is the phone number of this person? *10-digit number. Enumerator: If the respondent has a phone but does not know their number, suggest them to type this to know their number: For TNM users *678# For Airtel *500#. Enter -99 if the number is still unknown. Enter -66 if respondent*	

	refuses to provide the phone number. *Question relevant when:* *${phone3} = 1*	
phone3_owner	A.42. What is the name of the owner of this phone number? Question relevant when: ${phone3} = 1	
phone3_owner_relat	A.43. What is their relationship to you?	1 Self 2 Spouse 3 Other wife 4 Son / daughter (own) 5 Son / daughter (other wife) 6 Stepson / stepdaughter 7 Sister / brother 8 Niece / nephew 9 Grandchild 10 Father / mother 11 Son / daughter in law 12 Brother / sister in law 13 Father / mother in law 14 Grandparent 15 Other relative 16 Live-in maid / domestic help 18 Live-in maid's / domestic help's relative -77 Other non-relative, please describe -66 Refused to answer
phone3_owner_relat_oth	A.43.oth Please specify the relationship	

Household roster - Demographics

Variable	Question	Response options
hhr_name_note	Please tell me the following about [hhr_fullname]	

hhr_sex	B.7 Is [hhr_fullname] male or female?	*0 Male* *1 Female* *-66 Refused to answer*
hhr_age	B.8 What is the approximate age of [hhr_fullname] in years? *HINT: Enter -99 if don't know or -66 if refuse to answer* *CONSTRAINT: Response constrained to: .=-99 or .=-66 or (.>0 and .<= 110)"*	
hhr_relation	B.9 What is the relationship of [hhr_fullname] with [name of the intended respondent name]?	1 Self 2 Spouse 3 Other wife 4 Son / daughter (own) 5 Son / daughter (other wife) 6 Stepson / stepdaughter 7 Sister / brother 8 Niece / nephew 9 Grandchild 10 Father / mother 11 Son / daughter in law 12 Brother / sister in law 13 Father / mother in law 14 Grandparent 15 Other relative 16 Live-in maid / domestic help 18 Live-in maid's / domestic help's relative -77 Other non-relative, please describe -66 Refused to answer
hhr_relation_oth	B.7.oth Please specify *SKIP: Relevant if [hhr_relation = -77]*	
hhr_marital_status	B.10 What is the marital status of [hhr_fullname] ? *SKIP: Relevant when: ${hhr_age} >=18*	*1 Single* *2 Married (monogamous)* *3 Married (polygamous)* *4 Divorced/separated* *5 Widow or widower* *6 Civil union* *-77 Other* *-66 Refused to answer*

		-99 Don't know

Household roster - Migration

Variable	Question	Response options
hhr_migration	B.11 Was [migration_name] absent for at least 14 consecutive days during the last 12 months? SKIP: Relevant for household members aged >=10	1 Yes 0 No *-66 Refused to answer* *-99 Don't know*
migr_perm	B.12 [Malawi] Has the absence lasted more than 3 months? *SKIP: Relevant if* hhr_migration==1	1 Yes, more than 3 months (permanent absence) 0 No, less than 3 months (temporary absence) -66 Refused to answer
migr_times	B.13 How many times was [migration_name] absent in the past 12 months? HINT: Record 1 if the person was absent for only one period of time (no matter the length). Do not record here the number of days of absence, only the number of occurrences. CONSTRAINT >=1 and <=20 *SKIP: Relevant if* hhr_migration==1	
migr_when	B.14 When did the main absence occur? SKIP: Relevant if hhr_migration==1	
migr_beginabs	B.14.a. Beginning of the absence	
migr_endabs	B.14.b. End of the absence	
migr_place	B.15 Where was [migration_name] at that time? *SKIP: Relevant when: ${ hhr_migration } == 1*	1. Outside Malawi 2. Lilongwe 3. Another place outside the district, but not Lilogwe 4. Another place inside the district -66 Refused to answer
migr_mw	B.15.oth [If in Malawi, not Lilongwe] Can you specify exactly?	

	Question relevant when: ${migr_place} =3 or ${migr_place} =4	
hh_migr_out	B.16 [If outside Malawi] In which country was it?	1. Mozambique 2. Zambia 3. Tanzania -77. Other, specify -66. Refused to answer
hh_migr_out_oth	B.16.oth Please specify Question relevant when: ${hh_migr_out} =-77	
migr_purpose	B.17 What was the purpose of the main absence? SKIP: Relevant if hhr_migration==1	1. Work or looking for work 2. Education 3. Caring for family members 4. Establishing own household 5. Medical needs/treatment -77. Other, specify -66. Refused to answer
migr_purpose	B.17.oth Please specify Question relevant when: ${migr_purpose} =-77	
migr_remit	B.18.a. Did [migration_name] send any money to the household during their absence(s)? SKIP: Relevant if hhr_migration==1	1 Yes 0 No
migr_remit_amt	B.18.b [If yes] How much money did [migration_name] send to the household over the past 12 months? SKIP: Relevant when: ${ migr_remit } == 1	

Household roster - Education

Variable	Question	Response options
edu_intro_note	Now I would like to ask you about the education of the members of your household.	
edu_note_mbr	Now I would like to ask you a few questions about [edu_name] 's education.	

edu_read	B.19 Can [edu_name] read a simple sentence in any language?	1 Yes 0 No -66 Refused to answer
edu_write	B.20 Can [edu_name] write a simple sentence?	1 Yes 0 No
edu_ever	B.21 Did [edu_name] ever go to any kind of school? *HINT: Such as primary school, secondary school, university, polytechnic, vocational or adult educational classes*	1 Yes 0 No -66 Refused to answer -99 Don't know
edu_current	B.22 Is [edu_name] currently in school? *SKIP: Relevant when: ${hhr_ever} =1*	1 Yes 0 No
edu_ reason	B.23 What was the MAIN reason [edu_name] never attended/left school? *SKIP: Relevant when: ${hhr_ever} =0 or ${hhr_current} =0*	1 Acquired all education wanted 2 Too young to start school 3 Too old to continue 4 School was closed down for a long period of time or permanently 5 Low/poor school facilities 6 Low/poor quality instruction 7 Teachers often absent 8 No money for necessary expenses 9 Had to work to earn money 10 Help needed at home 11 Illness or disability 12 Insecurity 13 School too dangerous for girls 14 Marriage 15 Pregnancy 16 Failed a grade repeatedly 17 Not interested 18 Dismissed, expelled -77 Other

edu_grade_attend	B.24 What grade is [edu_name] currently attending? *SKIP: Relevant when ${hhr_current}=1*	0. Nursery/Pre-school 1. Standard 1 (Primary) 2. Standard 2 (Primary) 3. Standard 3 (Primary) 4. Standard 4 (Primary) 5. Standard 5 (Primary) 6. Standard 6 (Primary) 7. Standard 7 (Primary) 8. Standard 8 (Primary) 9. Form 1 (Secondary) 10. Form 2 (Secondary) 11. Form 3 (Secondary) 12. Form 4 (Secondary) 13. Form 5 (Secondary) 14. Form 6 (Secondary) 15. University Year 1 16. University Year 2 17. University Year 3 18. University Year 4 19. University Year 5 & above 20. Training college Year 1 21. Training college Year 2 22. Training college Year 3 23. Training college Year 4 *-66. Refused to answer*
edu_grade_attend_oth	B.18.oth Please specify. SKIP: Relevant when ${edu_grade_attend} =-77	
edu_abs	B.25 Has [edu_name] missed any school days in the last two school weeks? *SKIP: Relevant when ${edu_current}=1*	1 Yes 0 No -66 Refused to answer -99 Don't know
edu_abs_days	B.26 How many days did [edu_name] miss in the last two school weeks? SKIP: Relevant when: edu_abs == 1	
edu_exp	B.27 In the past 12 months, did you or others in your household spend any	1 Yes 0 No

Variable	Question	Response options
	money in cash or kind on [edu_name]'s education in terms of? This is the start of a roster of one line for each ITEM selected from the list below. ROSTER ITEMS School fees Books and material Uniforms Transport Extra-tuition Cost of meals Other contributions	
edu_exp_amt	B.28 [For each item selected in hhr_exp]: How much did [edu_name] pay in cash or in-kind to buy/receive [ITEM]? Estimate value of in-kind payment. SKIP: Relevant when: hhr_exp_[item] == 1	
edu_level	B.29 What is the highest education level achieved by [edu_name] ? *SKIP: Relevant when ${edu_age} >=5 or ${ edu_age}==-99 or ${ edu_age}==-66*	0 None 1 Some primary 2 Completed primary 3 Some secondary 4 Completed secondary 5 Vocational training (including polytechnic or adult education classes) 6 Some university 7 Completed university -66 Refused to answer -99 Don't know

Household roster - Health

Variable	Question	Response options
health_note_mbr	Now I would like to ask you a few questions about [health_name] 's health.	
health_sick	B.30 Was [health_name] sick or injured during the past 30 days?	0. Yes 1. No -66 Refused to answer

health_sick_type	B.31 [If yes] What sort of illness/injury did [health_name] suffer? *SKIP: Relevant when ${sick} ==1* MULTIPLE SELECTION	1. Fever 2. Malaria 3. Diarrhea 4. Accident 5. Anemia 6. Skin condition 7. Eye-related disease 8. Airborne disease 9. Worms 10. Pneumonia 11. Dental disease 12. Ear, nose, throat -related disease 13. Chronic illness (e.g. TB, diabetes, heart, cancer) -77. Other, specify
health_sick_type_oth	B.28.oth Please specify *SKIP: Relevant when ${health_sick_type} ==-77*	
health_sick_days	B.32 [If health_sick==yes] How many days was [health_name] sick or injured over the past 30 days? *SKIP: Relevant when ${sick} ==1* *CONDITION: >=1 & <=30*	
health_visit	B.33 In the past 30 days, did [health_name] visit a health care provider for consultation *even if not sick or injured?*	1. Yes 0. No -66 Refused to answer
health_provider	B.34 Which health facility did [health_name] attend? HINT: Select up to 3 answers *SKIP: Relevant when ${health_visit} ==1*	1. Public referral hospital 2. Public district hospital 3. Public health centre 4. Private hospital 5. Private dispensary 6. Private doctor/dentist 7. Mission hospital 8. Mission health centre 9. Mission dispensary 10. Traditional healer 11. Pharmacy -77 Other source, specify -66 Refused to answer

health_provider_oth	B.34.oth Please specify	
health_exp_hosp	B.35 What were total out-of-pocket expenditure on hospitalizations for [health_name] over the past 30 days?	
health_exp_medic	B.36 What were total out-of-pocket expenditures on medical consultation and medicine for [health_name] over the past 30 days?	

Variable	Question	Response options
modB_support	B.37 Did the key person need support from another person to complete the household section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modB_respondents	B.38 [If modB_support == 1] Please select all the household members who supported the key person in anwering the previous section (household roster).	*List of the household members.* -77 Other relative not part of this household

Module C: Household assets

Variable	Question	Response options
assets_note	Now I would like to ask you about housing and assets that the household owns. You can ask someone else from your household to support you on this part if you need.	
assets_durable	C.2. Has your household owned the following items in the past 12 months? *Loop yes/no over each item*	1 Mortar/pestle (mtondo) 2 Bed 3 Table 4 Chair 5 Fan 6 Air conditioner 7 Radio (wireless)

		8 Radio with flash drive/micro CD 9 Tape or CD/DVD player; HiFi 10 Television 11 Video Cast Recorder (VCR) 12 Sewing machine 13 Kerosene/paraffin stove 14 Electric or gas stove; hot plate, cooker 15 Refrigerator 16 Washing machine 17 Bicycle 18 Motorcycle/scooter 19 Car 20 Mini-bus 21 Lorry 22 Beer-brewing drum 23 Upholstered chair, sofa set 24 Coffee table (for sitting room) 25 Cupboard, drawers, bureau 26 Lantern (paraffin) 27 Desk 28 Clock 29 Iron (for pressing clothes) 30 Computer equipment & accessories 31 Satellite dish 32 Solar panel 33 Generator 34 Electric Kettle 35 Smart phone 36 Mobile phone (no internet capabilities) 37 Boat 38 Fishnets 39 Canoe 40 Water pumps 41 Ox cart -77 Other, specify 0 None
assets_pastpurch	C.3. Did your household purchase or paid for any [asset_name] in the past 12 months? Only include purchases of the items, not repair.	

assets_pastpurch_qty	C.4. How many [asset_name] did you household purchase or paid for in the past 12 months? *Question relevant when:* *${assets_pastpurch} =1* Response constrained to: .>0 or .=-66 or .=-99	
assets_pastpuch_value	C.5. What was the value of the [asset_name] purchased or paid for in the past 12 months? *Total monetary value for all units of this type of asset.* *Question relevant when:* *${assets_pastpurch} =1* Response constrained to: .>0 or .=-66 or .=-99	
assets_curr_qty	C.6. How many units of [asset_name] does your household currently own? Response constrained to: .>=0 or .=-66 or .=-99	
assets_curr_value	C.7. If you wanted to sell one of these [asset_name] today, how much would you receive? HINT: Record the value for one item only. CONSTRAINT: assets_item_nb>=1	
assets_sold	C.8. Did your household sell any [asset_name] in the past 12 months?	
assets_sold_qty	C.9. How many [asset_name] did you household sell in the past 12 months? *Question relevant when:* *${assets_sold} =1* Response constrained to: .>=0 or .=-66 or .=-99	
assets_sold_value	C.10. What was the value of the [asset_name] sold in the past 12 months? *Total monetary value for all units of this type of asset. In MWK.*	

	Question relevant when: *${assets_sold} =1* Response constrained to: .>=0 or .=-66 or .=-99	
assets_roof	C.11. Enumerator: Record what is the main material used for the roof of the main dwelling.	1. Grass 2. Iron sheets 3. Clay tiles 4. Concrete 5. Plastic sheeting -77. Other, specify
assets_roof_oth	C.11.oth. Please, specify	
assets_floor	C.12. What is the main material of the floor of the main dwelling?	1. Sand 2. Smooth mud 3. Smooth cement 4. Wood 5. Tile -77. Other, specify
assets_floor_oth	C.12.oth. Please, specify	
assets_walls	C.13. What is the main material used for the outer walls of the main dwelling?	1. Grass 2. Mud (Yomata) 3. Compacted earth (Yamdindo) 4. Mud brick (unfired) 5. Burnt brick 6. Concrete 7. Wood 8. Iron sheets -77. Other, specify
assets_walls_oth	C.13.oth. Please, specify	
assets_dwelling	C.14. Do you own or are purchasing this property, is it provided to you by an employer, do you use it for free, or do you rent this property?	1. Owned by household 2. Being purchased 3. Employer provides 4. Free, authorized 5. Free, not authorized 6. Rented -66. Refused to answer
energy_lighting	C.15. What is the main source of energy used by this household for lighting?	1. Collected firewood 2. Purchased firewood 3. Grass / straw 4. Parafin 5. Electricity 6. Gas 7. Battery / dry cell (torch) 8. Candles 9. Solar -77 Other, specify -66. Refused to answer
energy_cooking	C.16. What is the main source of energy used by this household for cooking?	1. Collected firewood 2. Purchased firewood 3. Grass / straw 4. Parafin 5. Electricity

		6. Gas 7. Charcoal 8. Crop residue 9. Saw dust 10. Animal waste 11. Solar -77 Other, specify -66. Refused to answer
toilet_fac	C.17. What is the main toilet facility used by this household?	1. Flush to piped sewer system 2. Flush to septic tank 3. Flush to pit latrine 4. Flush to open drain 5. Flush to don't know where 6. Ventilated improved pit latrine 7. Pit latrine with slab 8. Pit latrine without slab / open pit 9. Composting toilet 10. Bucket 11. Hanging toilet / hanging latrine 12. No facility / bush / field -77. Other, specify -66. Refused to answer

modC_support	C.18. Did the key person need support from another person to complete the assets section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modC_respondents	C.19. [If modC _support == 1] Please select all the household members who supported the key person in answering the previous section (assets).	*List of the household members.* -77 Other relative not part of this household

Module D: Labor

Variable	Question	Response options
lab_note	Now I would like to ask you about the labor activities of the members of your household.	

Labor roster: Repeated group for each household member aged 14 and above (Each member is referred to as [lab_name])			
lab_farm_year	D.1.	In the last 12 months, did [lab_name] work on <u>household farming or livestock activities</u> even if only for one hour?	1. Yes 0. No
lab_nfe_year	D.2.	In the last 12 months, did [lab_name] run or help in a <u>non-farm business</u> of any size for yourself or the household, even if only for one hour?	1. Yes 0. No
lab_wage_year	D.3.	In the last 12 months, did [lab_name] work for a <u>wage, salary, commission, or any payment in kind</u>: including doing paid apprenticeship, domestic work or paid farm work, excluding ganyu, even if only for one hour? *Do not include participation to public works program*	1. Yes 0. No
lab_apprent_year	D.4.	In the last 12 months, did [lab_name] engage in an <u>unpaid apprenticeship </u>for anyone that is not a member of the household, even if only for one hour?	1. Yes 0. No
lab_parttime_year	D.5.	In the last 12 months, did [lab_name] engage in <u>casual, parttime or ganyu labour</u>, even if only for one hour? *Do not include participation to public works program*	1. Yes 0. No
lab_publicworks_year	D.6.	In the last 12 months, did [lab_name] participated in a public works program, even if only for one hour?	
lab_csepwp_year	D.7.	In the last 12 months, did [lab_name] participated in the Climate Smart-Enhanced Public Works Programme? *SKIP: Relevant if lab_publicworks_year==1*	

lab_week_note	Now I would like to ask you about the activities over the past 7 days.	
lab_farm_week	D.8. In the last 7 days, how many hours did [lab_name] spend on <u>household farming</u> and livestock activities whether for sale or for household food? *Question relevant when:* *${lab_farm_year} =1* Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lab_nfe_week	D.9. In the last 7 days, how many hours did [lab_name] run or help in any of the household's nonagricultural household businesses, if any? *Question relevant when:* *${lab_nfe_year} =1* Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lab_wage_week	D.10. How many hours in the last seven days did you do any work for a wage, salary, commission, or any payment in kind, excluding ganyu? Do not include participation to public works program *Question relevant when:* *${lab_wage_year} =1* Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lab_apprent_week	D.11. How many hours in the last seven days did you engage in an unpaid apprenticeship for anyone that is not a member of the household? *Record zero(0) if not involved in unpaid apprenticeship last seven days!* *Question relevant when:* *${lab_apprent_year} =1*	

	Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lab_parttime_week	D.12. In the last 7 days, how many hours did [lab_name] engage in casual, part-time or ganyu labour? *Do not include participation to public works program* *Question relevant when:* *${lab_parttime_year} =1* Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lab_publicworks_week	D.13. In the last 7 days, how many hours did [lab_name] engage in public works program? *Question relevant when:* *${lab_publicworks_year} =1* Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lLab_csepwp_week	D.14. Out of those hours, how many hours were specifically for the Climate Smart- Enhanced Public Works Programme *Question relevant when:* *${lab_publicworks_week} >0* Response constrained to: (.>=0 and .<=168) or .=-66 or .=-99	
lab_main_week	D.15. In what type of economic activity did [lab_name] spend most of their time in the last 7 days: *SKIP: Relevant if "YES" was selected for at least two of the 5 previous questions* *Restrain option choices to those selected in the65 previous questions*	1. Wage employment excluding ganyu 2. Household business (non-farm) 3. Unpaid household labor (agriculture) 4. Unpaid apprenticeship 5. Ganyu 6. Public works program -66 Refused to answer 0 None

If ACTIVITY OVER THE PAST WEEK = NONE (If lab_farm_week==0 & lab_nfe_week==0 & lab_wage_week==0 & lab_apprent_week==0 & lab_parttime_week==0 & lab_publicworks_week == 0)		
lab_return	D.16. Although [lab_name] did not do any work during the last full completed week, did [lab_name] have a job or own farm or enterprise at which he/she did not work last week and to which he/she will definitely return to work? SKIP: Relevant if lab_farm_week==0 & lab_nfe_week==0 & lab_wage_week==0 & lab_apprent_week==0 & lab_parttime_week==0 & Lab_publicworks_week == 0	1. Yes 0. No -66 Refused to answer
lab_absent	D.17. What was the main reason for being absent from work in the last full completed week? SKIP: Relevant if lab_return==1	1. Vacation, holidays 2. Illness, injury, temporary disability 3. Maternity, paternity leave 4. Temporary slack work for technical or economic reasons 5. Bad weather 6. Strike or labor dispute 7. Off Season (self-employed) 8. Off-Season (wage employment) 9. Education or training 10. Family/community responsibilities -77. Other, specify -66 Refused to answer
lab_absent_oth	D.17.oth. Please, specify SKIP: Relevant if lab_return_absent==-77	
lab_avail	D.18. Was [lab_name] available to work during the last full completed week?	1. Yes 0. No -66 Refused to answer

	SKIP: Relevant if lab_activity ==0 for all 6 activities	
lab_avail_reason	D.19. What was the MAIN reason why [lab_name] was not available to work? SKIP: Relevant if lab_avail==0	1. In school 2. Busy with households duties 3. Too young 4. Too old 5. Sick 6. Disabled -66 Refused to answer
lab_search	D.20. Has [lab_name] taken any steps during the past four weeks to look for work? SKIP: Relevant if lab_activity ==0 for all 6 activities	1. Yes 0. No -66 Refused to answer
lab_search_reas	D.21. Why did [lab_name] not look for work during the past four weeks? Select the MAIN reason.	1. Thought no work available 2. Awaiting reply for earlier enquires 3. No jobs matching my skills 4. Considered too young/old by employers 5. Waiting to start an arranged job, business or agriculture 6. Retired 7. Does not want to work 8. Full time student 9. Too young/Too old 10. Disabled/All time sick 11. Family does not approve it 12. Spouse wouldn't allow that 13. Off season in agriculture 14. Occupied with home duties 15. Temporary illness -77. Other (Specify) -66 Refused to answer
lab_search_reas_oth	D.21.oth. Please, specify	

Labor: Wage employment

Variable	Question	Response options
If main or unique ACTIVITY OVER THE PAST WEEK == Wage work (If lab_main_week = 1, OR if lab_wage_week == 1 & lab_farm_week == 0 & lab_nfe_week == 0 & lab_apprent_week == 0 & lab_parttime_week == 0 & lab_publicworks_week == 0)		
Main activity, past 7 days *Labor roster:* *Repeated group for each household member aged 18 and above (Each member is referred to as [lab_name])*		
lab_main_note	Now I would like to ask you about the main job/economic activity for which [hhr_mbr] earned wages in the past 7 days HINT: This is the work that in which someone usually spends most of their time on. If a person had 2 or more such activities with same number of usual hours of work, choose the one that earns the highest income	
lab_main_act	D.22. In the last 7 days, what was [lab_name]'s MAIN economic activity? DESCRIBE OCCUPATION AND MAIN TASKS OR DUTIES IN 2-5 WORDS. For example: Secondary school teacher, accounts clerk, etc.	
lab_main_place	D.23. What is the main activity of the business or place where [lab_name] works? Describe product/service which is mainly produced/rendered by job/ economic activity in 2-5 words. For example: secondary school education, maize cultivation, milk production	
lab_main_isic	D.24. Enumerator select the correct option that relates to the main economic activity mentioned by the respondent.	*Isic code* *1. Agriculture, forestry and fishing* *2. Minning and quarrying* *3. Manufacturing* *4. Electricity,gas,steam and air conditioning supply*

		5. *Water supply, sewerage, waste management and remediation activities*
		6. *Construction*
		7. *Whole sale and retail trade,repair of motor vehicles and motorcycles*
		8. *Transportation and storage*
		9. *Accommodation and food services activities*
		10. *Information and communication*
		11. *Financial and insurance activities*
		12. *Real estate activities*
		13. *Professional, scientific and technical activities*
		14. *Administrative and support services activities*
		15. *Public administration and defence, compulsory social security*
		16. *Education*
		17. *Human health and social work activities*
		18. *Arts, entertainment and recreation*
		19. *Other services activities*
		20. *Activities of households as employers; undifferentiated goods and services - producing activities of household for own use*
		21. *Activities of extraterritorial organizations and bodies.*
lab_main_days	D.25. In the last 7 days, how many days did [lab_name] work in this activity? Response constrained to: (.>=1 and .<=7) or .=-66	

lab_main_hours	D.26. In the last 7 days, how many hours on average per day did [lab_name] work in this activity? Response constrained to: (.>=1 and .<=24) or .=-66	
lab_main_amt	D.27. How much was the TOTAL monetary value of [lab_name]'s wages/salary payment in the last 7 days for this activity in cash or in kind? *Estimate value if payment in kind.* Response constrained to: .>=0 or .=-66 or .=-99	
lab_main_bonus	D.28. Did [lab_name] receive any other income from this activity during this total period?	1. Yes 0. No
lab_main_bonus_amt	D.29. How much did [lab_name] receive from irregular overtime, bonuses, tips, and commissions? *Question relevant when:* *${lab_main_bonus} =1* Response constrained to: .>=0 or .=-66 or .=-99	
lab_second	D.30. In the last 7 days, did [lab_name] have a secondary economic activity?	1. Yes 0. No
lab_second_act	D.31. In the last 7 days, what was [lab_name]'s SECONDARY economic activity? DESCRIBE OCCUPATION AND MAIN TASKS OR DUTIES IN 2-5 WORDS. For example: Secondary school teacher, accounts clerk, etc. SKIP: Relevant if ${lab_second}==1	
lab_second_place	D.32. What is the main activity of the business or place where [lab_name] works for this secondary activity?	

	Describe product/service which is mainly produced/rendered by job/economic activity in 2-5 words. For example: secondary school education, maize cultivation, milk production	
lab_second_isic	D.33. Enumerator select the correct option that relates to the secondary economic activity mentioned by the respondent	*Isic code* 1. *Agriculture, forestry and fishing* 2. *Minning and quarrying* 3. *Manufacturing* 4. *Electricity,gas,steam and air conditioning supply* 5. *Water supply, sewerage, waste management and remediation activities* 6. *Construction* 7. *Whole sale and retail trade,repair of motor vehicles and motorcycles* 8. *Transportation and storage* 9. *Accommodation and food services activities* 10. *Information and communication* 11. *Financial and insurance activities* 12. *Real estate activities* 13. *Professional, scientific and technical activities* 14. *Administrative and support services activities* 15. *Public administration and defence, compulsory social security* 16. *Education* 17. *Human health and social work activities* 18. *Arts, entertainment and recreation* 19. *Other services activities* 20. *Activities of households as employers;*

		undifferentiated goods and services - producing activities of household for own use 21. *Activities of extraterritorial organizations and bodies.*
lab_second_days	D.34. In the last 7 days, how many days did [lab_name] work in this activity? Response constrained to: (.>=1 and .<=7) or .=-66 or .=-99 CONSTRAINT: range from 1 to 7	
Lab_second_hours	D.35. In the last 7 days, how many hours on average per day did [lab_name] work in this activity? Response constrained to: (.>=1 and .<=24) or .=-66 or .=-99	
lab_second_amt	D.36. How much was the TOTAL amount of [lab_name]'s wages/salary payment for this activity in cash or in kind? Response constrained to: .>=0 or .=-66 or .=-99	
lab_second_bonus	D.37. Did [lab_name] receive any other income from this activity during this total period?	1. Yes 0. No
lab_second_bonus_amt	D.38. How much did [lab_name] receive from irregular overtime, bonuses, tips, and commissions? Response constrained to: .>=0 or .=-66 or .=-99	
lab_year_note	Now I would like you to ask about [lab_name]'s main economic activity over the past 12 months.	
lab_year_same	D.39. You recorded [main_activity_past_7_days] as [lab_name]'s main activity for the past 7 days. Was this activity [lab_name] 's main economic activity in the last 12 months?	1. Same as the main activity over the past 7 days 0. Different activity

lab_main_year	D.40. [If different] In what type of economic activity did [lab_name] spend most of their time in the last 12 months: Restrain option choices to those selected in lab_farm_year, lab_nfe_year, lab_wage_year, lab_apprent_year, lab_parttime_year, and lab_publicworks_year SKIP: Relevant when: lab_year_same==0 (different activity)	1. Wage employment excluding ganyu 2. Household business (non-farm) 3. Unpaid household labor (agriculture) 4. Unpaid apprenticeship 5. Ganyu 6. Public works program -66 Refused to answer 0 None
lab_year_act	D.41. [If different] In the last 12 months, what was [lab_name]'s MAIN economic activity? DESCRIBE OCCUPATION AND MAIN TASKS OR DUTIES IN 2-5 WORDS. For example: Secondary school teacher, accounts clerk, etc. SKIP: Relevant when: lab_year_same==0 (different activity)	
lab_year_place	D.42. What is the main activity of the business or place where [lab_name] worked over the past year? Describe product/service which is mainly produced/rendered by job/ economic activity in 2-5 words. For example: secondary school education, maize cultivation, milk production	
lab_year_isic	D.43. [If lab_main_year = wage employment] Enumerator select the correct ISIC code that relates to the main economic activity over the past 12	*Isic code* 1. *Agriculture, forestry and fishing* 2. *Minning and quarrying* 3. *Manufacturing*

	months mentioned by the respondent. SKIP: Relevant when: lab_year_same==0 (different activity) & lab_main_year = wage employment	4. *Electricity,gas,steam and air conditioning supply* 5. *Water supply, sewerage, waste management and remediation activities* 6. *Construction* 7. *Whole sale and retail trade,repair of motor vehicles and motorcycles* 8. *Transportation and storage* 9. *Accommodation and food services activities* 10. *Information and communication* 11. *Financial and insurance activities* 12. *Real estate activities* 13. *Professional, scientific and technical activities* 14. *Administrative and support services activities* 15. *Public administration and defence, compulsory social security* 16. *Education* 17. *Human health and social work activities* 18. *Arts, entertainment and recreation* 19. *Other services activities* 20. *Activities of households as employers; undifferentiated goods and services - producing activities of household for own use* 21. *Activities of extraterritorial organizations and bodies.*
lab_year_days	D.44. [If lab_main_year = wage employment]	

	In the last 12 months, how many days did [lab_name] spend on {activity}? HINT: Respondent is invited to give an estimate if they do not know. Response constrained to: (.>=1 and .<=365) or .=-66	
lab_year_amt	D.45. [If lab_main_year = wage employment] In the last 12 months, how much was the TOTAL monetary value of [lab_name] 's wages/salary payment for this activity in cash or in kind? *Record monetary value in MWK.* Response constrained to: .>=0 or .=-66 or .=-99	
lab_year_bonus	D.46. [If lab_main_year = wage employment] Did [lab_name] receive any other income from this activity during the last 12 months? SKIP: Relevant when: lab_year_same==0 (different activity)	1. Yes 0. No
lab_year_bonus_amt	D.47. [If lab_main_year = wage employment] How much did [lab_name] receive from irregular overtime, bonuses, tips, and commissions during the last 12 months? SKIP: Relevant when: lab_year_same==0 (different activity)	
lab_year_location	D.48. [If lab_main_year = wage employment]	1. In the village 2. During migration

	Where was this activity {activity} occurring?	
lab_month_note	Now I would like to ask you about this activity for the past month	
lab_month_days	D.49. [If lab_main_year = wage employment] How many days did [lab_name] [lab_main_act] in the past 30 days? Response constrained to: (.>=1 and .<=7) or .=-66	
lab_month_wage	D.50. [If lab_main_year = wage employment] What was the total earnings/daily wage (cash and in-kind) for [lab_name] from [lab_main_act] in the past 30 days? *Per day* Response constrained to: .>=0 or .=-66 or .=-99	

Variable	Question	Response options
modD_support	D.52 Did the key person need support from another person to complete the labor section?	0. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modD_respondents	D.56 [If modD_support == 1] Please select all the household members who supported the key person in anwering the previous section (labor).	*List of the household members.* -77 Other relative not part of this household

Module E: Agriculture

Variable	Question	Response options

agr_note	Now I would like to ask you about the farming activities of your household. You can ask someone else from your household to support you on this part if you need.	
agr_own	E.1. In the last 12 months did your household own any agricultural land?	2. Yes 1. No
agr_own_area	E.2. What is the total surface (area) of the agricultural land that your household owned in the past 12 months? HINT: Record in acres SKIP: Relevant if agr_own==1	_____ acres
agr_own_purpnote	From this total surface that your household owns, please tell me what was the total surface that you:	
agr_own_cultiv	E.3. … cultivated in the past 12 months CONSTRAINT: Lower or equal agr_own_area.	
agr_own_fallow	E.4. … left fallow in the past 12 months CONSTRAINT. Lower or equal agr_own_area	
agr_own_rentout	E.5. … rented out in the past 12 months CONSTRAINT. Lower or equal agr_own_area. CHECK: total(cultiv+follow+rent) lower or equal to owned area.	
agr_own_check	[If the sum of E3+E4+E5 is not equal to E2] The total area of land cultivated + left fallow + rented out is not equal to the total area of owned land. Please review the values. Question relevant when: ${agr_own_sum} != ${agr_own_area} and ${agr_own} =1	
agr_own_rentout_amt	E.6. How much did your household earn renting out agricultural land (cash and in-kind) in the past year12 months? HINT: Estimate equivalent in cash if payment was in-kind.	

	SKIP: Relevant if agr_own_rent>0 Response constrained to: .>=0 or .=-66 or .=-99	
agr_rentin	E.7. Is your household renting in agricultural land? HINT: Record land that is rented in, that does not belong to the household.	1. Yes 0. No
agr_rentin_area	E.8. What is the total area of agricultural land your household rents in? SKIP: Relevant if agr_rentin==0	
agr_rentin_amt	E.9. How much did your household spend renting in agricultural land (cash and in-kind) in the past year12 months? HINT: Estimate equivalent in cash if payment was in-kind. SKIP: Relevant if agr_rentin==0 Response constrained to: .>=0 or .=-66 or .=-99	
agr_rentin_purp	From this total surface that your household rented in, please tell me what was the total surface that you:	
agr_rentin_cultiv	E.10. … cultivated in the past 12 months CONSTRAINT: Lower or equal agr_ rentin _area. Relevant when: ${agr_rentin} =1	
agr_rentin_fallow	E.11. … left fallow in the past 12 months CONSTRAINT. Lower or equal agr_ rentin _area Relevant when: ${agr_rentin} =1	

	CHECK: total(cultiv+follow+rent) lower or equal to owned area.	
agr_rentin_check	[If E.10+E.11 are not equal to E.8] The total area of land rented inis not equal to the sum of land cultivated and left follow + left fallow. Please review the values. Question relevant when: ${agr_rentin}_sum != ${agr_rentin_area} and ${agr_rentin} =1	
crop_perm_cultiv	E.12. Did your household cultivate [permanent_crop] during the past 12 months?. Loop YES/NO through list of main PERMANENT crops, LSMS ENUMERATOR: Select "No crop cultivated" only in the case that household members own the plot(s) but they did not cultivate any plots during the past 12 months.	1. Cassava 2. Tea 3. Coffee 4. Mango 5. Orange 6. Pawpaw/papaya 7. Banana 8. Avocado 9. Guava 10. Lemon 11. Naartje (tangerine) 12. Peach 13. Poza [custade apple] 14. Mexican apple [masuku] 15. Masau 16. Pineapple 17. Macadamia 18. Fodder trees 19. Fertiliser trees 20. Fuel wood trees -77. Other, specify 0. None
crop_perm_manage	E.13. Within your household, who managed most of the production decisions for [permanent_crop] during the past 12 months?	List of the household members

	SKIP: Relevant for each crop selected in crop_perm_cultiv	
crop_perm_amt	E.14. How much of [permanent_crop] did the household produce during the past 12 months? *Record the quantity and the unit.*	Record quantity and unit
crop_perm_store_amt	E.15. Out of this total production for [permanent_crop], what quantity does your household currently store? *Give a quantity in the same unit as before* Response constrained to: (.<= ${crop_perm_amt} and .>=0) or .=-66 or .=-99	
crop_perm_cons_amt	E.16. Out of the total production for [permanent_crop], what quantity has your household consumed?	
crop_perm_sold_amt	E.17. Out of the total production for [permanent_crop], what quantity has your household sold?	
crop_perm_lost_amt	E.18. Out of the total production for [permanent_crop], what quantity was lost after harvest?	
crop_perm_check	[If E15+E16+E17+E18 is not equal to E14] The sum of the quantity stored + consumed + sold + lost is not equal to the total quantity produced. Please review the values. Question relevant when: ${crop_perm_sum} != ${crop_perm_amt}	

crop_perm_sold_value	E.19. What was the total value of sales for [permanent_crop] over the last 12 months? *Question relevant when:* *${crop_perm_sold_amt} >0* Response constrained to: .>=0 or .=-66 or .=-99	
crop_season	E.20. Did your household cultivate any crop in in the last rainy season or in the last dry (Dimba) season? *Select all that apply, or select none if they did not cultivate any crop in those two last seasons.* Response constrained to: if(selected(., 0), count-selected(.) = 1, count-selected(.) >= 1)	1. RAINY SEASON 2. DRY (DIMBA) SEASON 0. None
crop_seas_cultiv	E.21. Did your household cultivate [seasonal_crop] during [season]. Loop YES/NO through list of main SEASONAL crops, LSMS *ENUMERATOR: Read out all options and select all the crops that were cultivated by the household* Response constrained to: if(selected(., 0), count-selected(.) = 1, count-selected(.) >= 1)	***Maize*** Local Composite/opv Hybrid Hybrid recycled ***Tobacco*** Burley Flue cured Nndf Sdf Oriental Other tobacco (specify) ***Groundnut*** Chalimbana Cg Mani-pintar Mawanga Jl Other groundnut (specify) ***Rice*** Local Faya Pusa

		Tcg Iet (senga) Wambone Kilombero Ita Mtupatupa Other rice (specify) Wheat Sorghum Pearl millet(mchewere) Pigeonpea(nandolo) Cotton Sunflower Sugar cane Paprika Cassava (seasonal) Other, specify None
crop_seas_manage	E.22. Within your household, who managed most of the production decisions for [seasonal _crop] during [season]?	List of the household members
crop_seas_amt	E.23. How much of [seasonal_crop] did the household produce during [season]? *Record the quantity and the unit.*	
crop_seas_store_amt	E.24. Out of this total production for [seasonal_crop], what quantity does your household currently stores? Response constrained to: (.<= ${crop_seas_amt} and .>=0) or .=-66 or .=-99	
crop_seas_cons_amt	E.25. Out of the total production for [seasonal_crop], what quantity has your household consumed? Response constrained to: (.<= ${crop_seas_amt} and .>=0) or .=-66 or .=-99	

crop_seas_sold_amt	E.26. Out of the total production for [seasonal_crop], what quantity has your household sold? Response constrained to: (.<= ${crop_seas_amt} and .>=0) or .=-66 or .=-99	
crop_seas_lost_amt	E.27. Out of the total production for [seasonal_crop], what quantity was lost after harvest? Response constrained to: (.<= ${crop_seas_amt} and .>=0) or .=-66 or .=-99	
crop_seas_check	The sum of the quantity stored + consumed + sold + lost is not equal to the total quantity produced. Please review the values. Question relevant when: ${crop_seas_sum} != ${crop_seas_amt}	
crop_seas_sold_value	E.28. What was the total monetary value of sales for [seasonal_crop] over the last 12 months? *Question relevant when:* *${crop_seas_sold_amt} >0* Response constrained to: .>=0 or .=-66 or .=-99	
season_seed	E.29. During {season}, did your household spend any money on seeds?	1. Yes 0. No
season_seed_cost_trad	E.30. How much did the household spend on LOCAL/TRADITIONAL seeds during {season}? *Question relevant when:* *${season_seed} =1* Response constrained to: .>=0 or .=-66 or .=-99	

season_seed_cost_impr	E.31. How much did the household spend on IMPROVED seeds during {season}? *Question relevant when:* *${season_seed} =1* Response constrained to: .>=0 or .=-66 or .=-99	
season_input	E.32. During {season}, did your household spend any money on the following inputs? Loop YES/NO through list of inputs. Response constrained to: (if(selected(.,'-66'), count-selected(.) = 1, count-selected(.) >= 1)) and if(selected(.,'0'), count-selected(.) = 1, count-selected(.) >= 1)	Chitowe Urea Other fertilizer, specify Insecticide/fungicide/herbicide Inoculant Other input, specify None -66 Refused to answer
season_input_oth	E.32.oth	
season_input_cost	E.33. How much did the household spend on {input} during {season}? SKIP: Relevant if [season_input]==1 , for each input	
season_labor	E.34. During {season}, did your household spend any money on hired labor?	1. Yes 0. No
season_labor_cost	E.35. How much did the household spend on hired labor during {season}? SKIP: Relevant if season_labor==1	
agr_labor_note	I would now like to ask you about the participation of each household member in the agricultural activities during season [agr_season]. I will start with questions on land preparation and/or planting activities	
season_hhlabor	E.36. During the {season}, please list the	[*List of household members*] 0 None

	household members that worked on household farm for each of the following activity: - land preparation and/or planting. - Weeding, fertilizing and other non-harvesting activity - harvesting	
season_hhlabor_weeks	E.37. During {season}, how many weeks did {household member} work on the household farm for {activity}? *SKIP: Relevant for each hh member selected in* season_hhlabor *Constraint: .<=52*	
season_hhlabor_days	E.38. During those weeks, approximately how many days did each household member work per week for {activity}? SKIP: Relevant if season_hhlabor_weeks>0 *Constraint: .<=7*	
season_hhlabor_hours	E.39. During those days, approximately how many hours did each household member work per day for {activity}? SKIP: Relevant if season_hhlabor_days>0 *Constraint: .<=24*	
agri_asset	E.40. Does the household have any of the following items for farming activities?	LSMS Malawi *Implements* Hand hoe Slasher Axe

	Loop YES/NO over list of farming assets	Panga knife Sickle Treadle pump Watering can *Machinery* Ox cart Ox plough Tractor Other machinery, specify *Structure / buildings* Chicken house Livestock kraal Poultry kraal Storage house Granary None

Agriculture: Livestock

Variable	Question	Response options
lvtk_any	E.41. Has your household owned or bred animals in the last 12 months? Includes including cattle, goats, chickens, ducks, etc.	1. Yes 0. No
lvtk_type	E.42. During the last 12 months, which of the following animals did the household own or raise? Select all that apply. HINT: DO NOT record domestic cats or dogs unless the household has a cat or dog breeding activity RELEVANT WHEN lvtk_any==Yes	Calf Steer/heifer Cow Bull Ox Donkey/mule/horse Goat Sheep Pig Chicken-layer/ Chicken-broiler Local-hen Local-cock Turkey/ Guinea fowl Duck Dove/pigeon Honey bees Cat (breeding only) Dogs (breeding only)

		Other, specify
lvtk_type_oth	E.42.oth Please, specify	
Livestock roster _Repeated group for each livestock raised or owned by the household (Each livestock type is referred to as [lvtk_name])_		
lvtk_current	E.43. How many [lvtk_name] does this household currently own? SKIP: Relevant if lvtk_name==1	
lvtk_current_value	E.44. What is the monetary value of one individual [lvtk_name] if you were to be sold it today?	
lvtk_own_hh	E.45. In your household, who owns [lvtk_name]?	1. Animals are owned by the family as one 2. Animals are owned by one (or several) specific family members
lvtk_owner	E.46. Among the members of your household, who owns the [lvtk_name]? HINT: If the stock of [lvtk_name] is divided between several members, record the member who owns most. SKIP: Relevant if lvtk_own_hh==2	_List of household members_
lvtk_bought	E.47. In the last 12 months, how many [lvtk_name] have your household acquired? HINT: Consider purchases both in cash and in kind	
lvtk_bought_value	E.48. What was the total monetary value of this purchase? SKIP: Relevant if lvtk_bought>0	
lvtk_sold	E.49. In the last 12 months, how many [lvtk_name] have the household sold? HINT: Alive or not.	
lvtk_sold_value	E.50. What was the total monetary value of the sales of [lvtk_name]? SKIP: Relevant if lvtk_sold>0	
lvtk_sold_control	E.51. Among the members of your household, who controls the revenues from the sales of [lvtk_name]? SKIP: Relevant if lvtk_sold>0	_List of household members_

lvtk_giveaway	E.52. In the last 12 months, how many [lvtk_name] have your household given away? HINT: Alive or not	
lvtk_giveaway_value	E.53. What was the total value of the [lvtk_name] given away? SKIP: Relevant if lvtk_giveaway>0	
lvtk_lost	E.54. In the last 12 months, how many [lvtk_name] was lost or died?	
lvtk_lost_value	E.55. What was the total value of the [lvtk_name] that was lost or died? SKIP: Relevant if lvtk_lost>0	
lvtk_received	E.56. In the last 12 months, how many [lvtk_name] have your household received for free? HINT: Do not count the livestock that was purchased or that you received in exchange for other goods or services	
lvtk_received_value	E.57. What was the total value of the [lvtk_name] that was received by your household? HINT: Relevant if lvtk_received>0	
lvtk_product	E.58. In the last 12 months, did the household sell products derived from animal farming of [lvtk_name], excluding meat? (milk, skin, eggs,etc.)	1. Yes 0. No
lvtk_product_type	E.59. What product did your household sell from [lvtk_name]?	1. Milk 2. Eggs 3. Meat 4. Skins and hides 5. Manure -77 Other, specify
Livestock product roster *Repeated group for each livestock type and each livestock product*		
lvtk_product_qty	E.60. How much [lvtk_product_name] did you sell in the last 12 months from [lvtk_name]? *Record unit:* Kilogram Liter Piece Bucket Wheelbarrow	

	Ox Cart Other, specify	
lvtk_product_value	E.61. What was the total monetary value of the [lvtk_product_name] sold by your households in the last 12 months from [lvtk_name]? SKIP: Relevant if lvtk_products==1	
lvtk_feed_value	E.62. In the past 12 months, how much did your household spend on animal feed?	
lvtk_medecine_value	E.63. In the past 12 months, how much did your household spend on animal medicines?	
lvtk_mbr	E.64. During the last 30 days, which household members spent time raising livestock? Response constrained to not(selected(.,'0) and count-selected(.) >1)	*Household list* *0 None*
Livestock household labor roster *Repeated group for each household member who worked on livestock (Each member is referred to as [*lvtk_mbr_name]*)*		
lvtk_mbr_note	Let me ask you a few details on [lvtk_mbr_name]'s work related to raising livestock.	
lvtk_mbr_days	E.65. In the last 30 days, how many days did [lvtk_mbr_name] work on raising livestock? CONSTRAINT: Range between 0 and 30. SKIP: For each [lvtk_mbr_name] selected in lvtk_mbr	
lvtk_mbr_hours	E.66. On average, how many hours per day did [lvtk_mbr_name] work on raising livestock? CONSTRAINT: Range between 0 and 24	
lvtk_hire	E.67. Did the household hire any labor on livestock over the past 12 months?	1. Yes 0. No
lvtk_hire_count	E.68. Over the past 12 months, how many workers did you hire for labor on livestock?	
lvtk_hire_days	E.69. Over the past 12 months, how many days did a typical hired worker work in total on livestock-related activities? *Up to 365.* *Question relevant when: ${lvtk_hire} =1* Response constrained to: (.>0 and .<=365) or .=-66	

Variable	Question	
lvtk_hire_expenses	E.70. Over the past 12 months, how much did you spend on hired workers for labor on livestock?	

Variable	Question	Response options
modE_support	E.71 Did the key person need support from another person to complete the agriculture section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modE_respondents	E.72 [If modE_support == 1] Please select all the household members who supported the key person in anwering the previous section (agriculture).	*List of the household members.* -77 Other relative not part of this household

Module F: Non-farm enterprise

Variable	Question	Response options
nfe_note	Now I would like to ask you questions about household income from non-farming activities that you or other household members are currently doing. Please also consider business that have been started recently.	
nfe_run	F.1. Are you or a member of the household currently running an activity/business, outside of cultivating land and raising animals?	1. Yes 0. No
nfe_count	F.2. How many activities/businesses do you or a member of your household currently run?	
Non-farm enterprises roster: Repeated group for each non-farm business (Each member is referred to as [activity]). (N= nfe_count)		
nfe_descr	F.3. For business/activity [nfe_count], please describe the main products and/or services of this enterprise.	
nfe_owner	F.4. Among the members of your household, who	*List of household members*

		owns/manages/controls this business? Hint: List up to 2 people in order of ownership share or overall influence over business decisions, listing first the person with greatest ownership or influence	
nfe_revenue	F.5.	In the last 30 days, what were the total revenues from sales of goods or services that this enterprise received?	
nfe_profit	F.6.	In the past 30 days, what was the total income the main business earned after paying all expenses including wages of employees, but not including any income you paid yourself or other members of your household? That is, what were the profits of your business?	
nfe_opmonths	F.7.	Over the last 12 months, how many months has the business operated? CONSTRAINT: Range between 1 to HINT: Record 1 if less than 1 month.	
nfe_start	F.8.	In what month and year did you start, purchase, or gain control of this business?	
nfe_assets_total_value	F.9.	What is the value of all the assets and working capital for this business at present?	
nfe_assets_main	F.10.	What are the most expensive asset used by the business? HINT: List up to 3 main assets. Record N/A in assets 2 and 3 if there is only one asset.	
nfe_assets_main_value	F.11.	What is the combined monetary value of the 3 main assets that are used by the enterprise?	
nfe_purch	F.12.	Over the past 12 months, did you or anyone in the	1. Yes 0. No

	household purchase any asset for the enterprise?	
nfe_purch_nb	F.13. Over the past 12 months, how many assets did you or anyone in the household purchase for the enterprise?	
nfe_purch_item	F.14. Please provide a list of the assets you or anyone in the household purchased in the past 12 months, excluding inventory. If you or anyone in the household bought more than 5 different assets, please list the most important assets or those with the highest value. Open-ended list, max 5 items. SKIP: Relevant if nfe_purch==1	
Non-farm enterprise purchased assets (5 main assets): *Repeated group for each enterprise assets, up to 5 (*N= nfe_purch_nb, max 5)		
nfe_purch_itemvalue	F.15. [Malawi] Over the past 12 months, how much did you or anyone in the household spend on asset purchases for [purch_item] for the enterprise? Loop for all purchased assets listed in nfe_purch_item	
nfe _sold	F.16. Over the past 12 months, did you or anyone in the household sell any asset from this enterprise?	
nfe_sold_nb	F.17. Over the past 12 months, how many assets did you or anyone in the household purchase for the enterprise?	
nfe_sold_item	F.18. Please provide a list of the assets you or anyone in the household sold in the past 12 months. If you or anyone in the household sold more than 5 different assets, please list the most important assets or those with higher value. Open-ended list, max 5 items.	

	SKIP: Relevant if nfe_sold==1	
nfe_sold_value	F.19. [Malawi] Over the past 12 months, how much did you or anyone in the household earn from sales of assets from this enterprise?	
nfe_hhr	F.20. Which household members are engaged in this enterprise, including those previously listed as owners. Select all that apply.	*Household list*

Household labor in non-farm enterprises roster *Repeated group for each member engaged in the non-farm enterprise INCLUDING OWNERS, for each non-farm enterprise (Each member is referred to as [*nfe_roster_name*]).*

nfe_hhr_days	F.21. How many days did {nfe_roster_name} work in {business} in the last 30 days? CONSTRAINT: 0 to 30	
nfe_hhr_hours	F.22. How many hours did {nfe_roster_name} work in {business} in the past 7 days? CONSTRAINT: 0 to 24	

Non-farm enterprise roster (continued) *Repeated group for each non-farm enterprise (Each enterprise is referred to as [business]).*

nfe_hired	F.23. Did the household use any labor (such as informal workers, apprentices, or formal workers) for {business} over the last 30 days?	1. Yes 0. No
nfe_hired_count	F.24. How many workers in total? SKIP: Relevant if nfe_hired==1	
nfe_hired_days	F.25. How many total person-days over the last 30 days? CONSTRAINT: 0 to 30 SKIP: Relevant if nfe_hired==1	
nfe_hired_cost	F.26. How much were they paid in total (in cash and in kind) over the last 30 days? SKIP: Relevant if nfe_hired==1 HINT: Sum over all workers	

Variable	Question	Response options
modF_support	F.26 Did the key person need support from another person to complete the non-farm enterprise section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modF_respondents	F.27 [If modF_support == 1] Please select all the household members who supported the key person in anwering the previous section (non-farm enterprise).	*List of the household members.* -77 Other relative not part of this household

Module G: Other income

Variable	Question	Response options
othinc_intro_note	Now I would like to ask about other sources of income your household has.	
inc_othsource	G.1. Over the past 12 months, did you household receive any? Loop YES/NO for each income source *ENUMERATOR: Read out all the options and select all that apply.* Response constrained to: if(selected(.,'0'), count-selected(.) = 1, count-selected(.) >= 1)	Transfers/Gifts from Individuals (Friends/Relatives) [DO NOT INCLUDE REMITTANCES FROM ANYONE LISTED IN THE MIGRATION MODULE.] Food Transfers/Gifts from Individuals (Friends/Relatives) [DO NOT INCLUDE REMITTANCES FROM ANYONE LISTED IN THE MIGRATION MODULE.] Non-Food In-Kind Transfers/Gifts from Individuals (Friends/Relatives) [DO NOT INCLUDE

		REMITTANCES FROM ANYONE LISTED IN THE MIGRATION MODULE.]
		Social cash transfers
		Savings, Interest or Other Investment Income
		Pension Income (Public)
		Pension Income (Private)
		Income from Non-Agricultural Land Rental
		Income from Apartment, House Rental
		Income from Shop, Store Rental
		Income from Car, Truck, Other Vehicle Rental (DO NOT INCLUDE ANY NON-FARM ENTERPRISE INCOME)
		Income from Real Estate Sales
		Income from Household Non-Agricultural Asset Sales
		Income from Household Agricultural/Fishing Asset Sales
		Inheritance
		Lottery/Gambling Winnings
		Other income, speficy
		Refused to answer

		None
othinc_source_oth	G.1.oth Please, specify	
othinc_sct	G.2. What type of social cash transfer does your household receive? *SKIP: Relevant if inc_othsource is selected for social cash transfers*	1 Government cash transfers (Mtukula pakhomo) 2 Magobo/Masaf - Climate Smart Enhanced Public works 3 School Feeding Program -77 Other, specify
othinc_sct_freq	G.3. How often do you receive social cash transfers? *SKIP: Relevant if inc_othsource is selected for social cash transfers*	Every week Every 2 weeks Every month Every 2 months Every 6 months Every year Other, specify Refused to answer
Other income source roster Repeated group for each other income source (Each income source is referred to as [inc_othsources]).		
inc_othsource_amt	G.4. Over the past 12 months, how much did your household receive in total for [inc_othsources]? Record the unit [year, month] and the value Loop over each income source selected in the previous question	

modG_support	G.5. Did the key person need support from another person to complete the other-income section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modG_respondents	G.6. [If modG_support == 1] Please select all the household members who supported the key person in answering the previous section (other income).	*List of the household members.* -77 Other relative not part of this household

Module H: Consumption [OPTIONAL: and food security]

Consumption

Variable	Question	Response options
cons_note	I would like to ask information about food and drinks the household has consumed over last 7 days and other expenditures.	
cons_food_item	H.1. In the last 7 days, did the members of this household eat/drink any of these items within the household? Enumerator: read out all the option codes, and select all that apply. LOOP over most consumed items from country-specific LSMS	*List of the most common food items from LSMS, defined so that the cumulative list of selected items represents at least 75% of the consumption in the country* MALAWI *Vegetables* O Maize ufa mgaiwa, refined, or madeya (normal, fine or bran flour) Maize grain (not as ufa) Green maize Rice Finger millet (mawere) Sorghum (mapira) Pearl millet (mchewere) Wheat flour Bread Buns, scones Biscuits Spaghetti, macaroni, pasta Breakfast cereal Infant feeding cereals Other cereals, grains and cereal products, specify Cassava tubers Cassava flour White sweet potato Orange sweet potato Irish potato Potato crips Plantain, cooking banana

		Cocoyam (masimbi)
		Other roots, tubers and plantains, specify
		Bean, white
		Bean, brown
		Pigeonpea (nandolo)
		Groundnut (Shelled)
		Groundnut - dried (Unshelled)
		Groundnut - fresh (Unshelled)
		Groundnut flour
		Soyabean flour
		Ground bean (nzama)
		Cowpea (khobwe)
		Macademia nuts
		Other nuts and pulses, specify
		Cabbage
		Tanaposi /Rape
		Nkhwani
		Gathered wild green leaves
		Tomato
		Pumpkin
		Okra / Therere
		Other vegetables, specify
		Eggs
		Dried fish
		Fresh fish
		Beef
		Goat
		Pork
		Mutton
		Chicken
		Small animal – rabbit, mice, etc.
		Termites, other insects (eg Ngumbi, caterpillar)
		Other meat, fish and animal, specify
		Mango
		Banana
		Pineapple
		Papaya
		Guava
		Avocado

		Wild fruit (masau, malambe, etc.) Apple Other fruits, specify Maize-boiled or roasted from vendors Chips from vendors Cassava boiled from vendors Boiled eggs from vendors Meat from vendors Mandazi, doughnut or samosa from vendor Boiled sweet potatoes Zikondamoyo / Nkate KALONGONDA (Mucuna) Other cooked food from vendors, specify Fresh milk Margarine - Blue band Chambiko - soured milk Other milk and milk products, specify Sugar Sugar Cane Cooking oil Other sugar, fats and oil, specify Tea Freezes (flavoured ice) Soft drinks (Coca-cola, Fanta, Sprite, etc.) Chibuku(commercial traditional-style beer) Maheu Thobwa Traditional beer (masese) Locally brewed liquor (kachasu) Other beverages, specify Spices Sweets Honey Other spices and miscellaneous, specify
	H.1.a Please specify other vegetables	

	SKIP: Relevant if "Other vegetables" was selected in cons_food_item	
	H.1.b Please specify other meat, fish and animal *SKIP: Relevant if "Other meat" was selected in cons_food_item*	
	H.1.c. Please specify other fruits *SKIP: Relevant if "Other fruits" was selected in cons_food_item*	
	H.1.d Please specify other cooked food from vendors *SKIP: Relevant if "Other cooked food from vendors" was selected in cons_food_item*	
	H.1.e. Please specify other milk and milk products *SKIP: Relevant if "Other milk and milk products" was selected in cons_food_item*	
	H.1.f Please specify other sugar, fats and oil *SKIP: Relevant if "Other sugar, fats and oil" was selected in cons_food_item*	
	H.1.g Please specify other beverages *SKIP: Relevant if "Other beverages" was selected in cons_food_item*	
	H.1.h Please specify other spices and miscellaneous *SKIP: Relevant if "Other spices and miscellaneous" was selected in cons_food_item*	
Food consumption roster *Repeated group for each food item consumed in the past 7 days (Each food item is referred to as [*food_item_name*]).*		
food_cons_amt	H.2. How much [food_item_name] did your HH consume in total in the past 7 days? Record the value and the unit	Units: Kilograms Grams Litre Millilitre

		Pieces Bunch Heap
food_cons_value	H.3. What is the total value of [food_item_name] consumed by the household in the past 7 days?	
food_cons_purch	H.4. What is the total amount of [food_item_name] purchased by the household in the past 7 days ?	
Non-food consumption, past 7 days		
cons_nf_item_week	H.5. <u>In the last 7 days</u>, has your household consumed or bought any of these items? Enumerator: read out all the option codes, and select all that apply. Loop YES/NO for each options	Charcoal Paraffin or kerosene Cigarettes or other tobacco Candles Matches Newspapers or magazines Public transport - Bicycle Taxi Public transport - Bus/Minibus Public transport - Other (Truck, Oxcart, Etc..)
Non-food consumption in past 7 days roster *Repeated group for each non-food item consumed in the past 7 days (Each food item is referred to as [item]).*		
cons_nf_week_amt	H.6.How much [ITEM] did your HH consume in total in the last 7 days*?* Record the value and the unit	
cons_nf_week_amt_purch	H.7. Of the amount of [ITEM] consumed, what is the total amount of {item} purchased by the household in the last 7 days?	
cons_nf_week_value_purch	H.8. How much did you spend for purchasing [ITEM] in the last 7 days? cons_nf_amt_purch *SKIP: relevant if* cons_nf_amt_purch > 0	
Non-food consumption, past 30 days		
cons_nf_item_month	H.9. <u>In the last 30 days</u>, has your household consumed or bought [ITEM]?	Mobile data Milling fees, grain Bar soap (body soap or clothes soap)

		Clothes soap (powder, paste)
		Toothpaste, toothbrush
		Toilet paper
		Glycerine, Vaseline, skin creams
		Other personal products (shampoo, razor blades, cosmetics, hair products, etc.)
		Light bulbs
		Postage stamps or other postal fees
		Donation - to church, charity, beggar, etc.
		Diesel
		Petrol
		Motor vehicle spare parts and accessories
		Bicycle spare parts and accessories
		Motor vehicle maintenance and repairs
		Bicycle service maintenance and repairs
		Wages paid to maids/househelps
		Mortgage - regular payment to purchase house
		Repairs & maintenance to dwelling
		Repairs to household and personal items (radios, watches, etc., excluding battery
		Expenditures on pets
		Batteries (wireless and cell phones)
		Recharging batteries, cell phones
		Shoe polish
		Hair dressing salons and barber shops
Non-food consumption in past 30 days roster *Repeated group for each non-food item consumed in the past 30 days (Each food item is referred to as [item]).*		

cons_nf_month_amt	H.10. How much [ITEM] did your HH consume in total in the last 30 days? Record the value and the unit	
cons_nf_month_amt_purch	H.11. Of the amount of [ITEM] consumed, what is the total amount of {item} purchased by the household in the last 30 days?	
cons_nf_month_value_purch	H.12. How much did you spend for purchasing [ITEM] in the last 30 days? cons_nf_amt_purch *SKIP: relevant if* cons_nf_amt_purch > 0	
cons_dweeling_value	H.13. In the last 30 days, how much did you spend on dwelling rental?	
Non-food consumption, past 3 months		
cons_nf_item_trim	H.14. In the last 3 months, has your household consumed or bought [ITEM]?	Infant clothing Baby nappies/diapers Boy's trousers Boy's shirts Boy's jackets Boy's undergarments Boy's other clothing Men's trousers Men's shirts Men's jackets Men's undergarments Men's other clothing Girl's blouse/shirt Girl's dress/skirt Girl's undergarments Girl's other clothing Lady's blouse/shirt Chitenje cloth Lady's dress/skirt Lady's undergarments Plastic Basin Lady's other clothing Boy's shoes Men's shoes Girl's shoes Lady's shoes Cloth, thread, other sewing material

		Laundry, dry cleaning, tailoring fees Bowls, glassware, plates, silverware, etc. Cooking utensils (cookpots, stirring spoons and whisks, etc.) Cleaning utensils (brooms, brushes, etc.) Torch / flashlight Umbrella Paraffin lamp (hurricane or pressure) Stationery items (not for school) Books (not for school) Music or video cassette or CD/DVD Tickets for sports / entertainment events House decorations Night's lodging in rest house Night's lodging in hotel Flask
Non-food consumption in past 3 months roster *Repeated group for each non-food item consumed in the past 3 months (Each food item is referred to as [item]).*		
cons_nf_trim_amt	H.15. How much [ITEM] did your HH consume in total in the last 3 months? Record the value and the unit	
cons_nf_trim_amt_purch	H.16. Of the amount of [ITEM] consumed, what is the total amount of {item} purchased by the household in the last 3 months?	
cons_nf_trim_value_purch	H.17. How much did you spend for purchasing [ITEM] in the last 3 months? cons_nf_amt_purch *SKIP: relevant if* cons_nf_amt_purch > 0	
Non-food consumption, past 12 months		
cons_nf_item_year	H.18. In the last 12 months, has your household consumed or bought [ITEM]?	Carpet, rugs, drapes, curtains Linen - towels, sheets, blankets

		Mat - sleeping or for dying maize flour
		Mosquito net
		Mattress
		Sports and hobby equipment, musical instruments, toys
		Film, film processing, camera
		Cement
		Paint
		Brick
		Construction timber
		Council rates
		Insurance - health (MASM, etc.), auto, home, life
		Losses to theft (value of items or cash lost)
		Fines or legal fees
		Lobola (bridewealth) costs
		Funeral costs, household members
		Funeral costs, nonhousehold members (relatives, neighbours)
		Woodpoles, bamboo
		Grass for thatching roof or other use
Non-food consumption in past 12 months roster *Repeated group for each non-food item consumed in the past 12 months (Each food item is referred to as [item]).*		
cons_nf_year_amt	H.19. How much [ITEM] did your HH consume in total in the last 12 months*?* Record the value and the unit	
cons_nf_year_amt_purch	H.20. Of the amount of [ITEM] consumed, what is the total amount of {item} purchased by the household in the last 12 months?	
cons_nf_year_value_purch	H.21. How much did you spend for purchasing [ITEM] in the last 12 months? cons_nf_amt_purch *SKIP: relevant if* cons_nf_amt_purch > 0	

OPTIONAL: Food security

Variable	Question	Response options
foodsec_group	H.22. Over the last 7 days, did you or others in your household consume any of the following foods?	1. Cereals, Grains and Cereal Products (Maize Grain/Flour; Green Maize; Rice; Finger Millet ; Pearl Millet; Sorghum; Wheat Flour; Bread; Pasta; Other Cereal)" 2. Roots, Tubers, and Plantains (e.g. Cassava Tuber/Flour; Sweet Potato; Irish Potato; Other Tuber/Plantain) 3. Pulses, Nuts and seeds (e.g. Bean; Pigeon Pea; Macadamia Nut; Groundnut; Green Bean; Cow Pea; Other Nut/Pulse) 4. Vegetables (e.g. Onion; Cabbage; Wild Green Leaves; Tomato; Cucumber; Other Vegetables/Leaves) 5. Meat and Animal Products (e.g.Beef; Goat Meat; Pork; Poultry; Other Meat) 6. Fish and seafoods (e.g Dried/Fresh/Smoked Fish (Excluding Fish Sauce/Powder) 7. Eggs 8. Fruits (e.g. Mango; Banana; Citrus; Pineapple; Papaya; Guava; Avocado; Apple; Other Fruit) 9. Milk/Milk Products (e.g. Fresh/Powdered/Soured Milk; Yogurt; Cheese; Other Milk Product - Excluding Margarine/Butter or Small Amounts of Milk for Tea/Coffee) 10. Fats/Oil (e.g. cooking Oil; Butter; Margarine; Other Fat/Oil) 11. Sugar/Sugar Products/Honey (e.g.

		Sugar; Sugar Cane; Honey; Jam; Jelly; Sweets/Candy/Chocolate; Other Sugar Product)
		12. Spices/Condiments (e.g. Tea; Coffee/Cocoa/Milo; Salt; Spices; Yeast/Baking Powder; Tomato/Hot Sauce; Fish Powder/Sauce; Other Condiment - Including Small Amounts of Milk for Tea/Coffee)

Food groups consumed in past 7 days roster *Repeated group for each food group consumed in the past 7 days (Each food group is referred to as [item]).*

foodsec_group_days	H.23. In the last 7 days, how many days did you or others in your household consume [ITEM]? CONSTRAINT: from 0 to 7	
foodsec_group_purch	H.24. How was this {food group} acquired?	*Food acquisition codes* Own production Hunting/fishing Gathering Loaned/borrowed Purchased Credit Begging Exchange for labour or items Gifts from family/friends Other Food aid
foodsec_fies_worried	H.25. During the last 12 MONTHS, was there a time when you were worried you would not have enough food to eat because of a lack of money or other resources?	1. Yes 0. No
foodsec_fies_unable	H.26. Still thinking about the last 12 MONTHS, was there a time when you were unable to eat healthy and nutritious food because of a lack of money or other resources?	1. Yes 0. No
foodsec_fies_few	H.27. Still thinking about the last 12 MONTHS, was there a time when you ate only a few kinds	1. Yes 0. No

	of foods because of a lack of money or other resources?	
foodsec_fies_mealskip	H.28. Still thinking about the last 12 MONTHS, was there a time when you had to skip a meal because there was not enough money or other resources to get food?	1. Yes 0. No
foodsec_fies_less	H.29. Still thinking about the last 12 MONTHS, was there a time when you ate less than you thought you should because of a lack of money or other resources?	1. Yes 0. No
foodsec_fies_runout	H.30. Still thinking about the last 12 MONTHS, was there a time when your household ran out of food because of a lack of money or other resources?	1. Yes 0. No
foodsec_fies_hungry	H.31. Still thinking about the last 12 MONTHS, was there a time when you were hungry but did not eat because there was not enough money or other resources for food?	1. Yes 0. No
foodsec_fies_dayskip	H.32. During the last 12 MONTHS, was there a time when you went without eating for a whole day because of a lack of money or other resources?	1. Yes 0. No
foodsec_months	H.33. You mentioned earlier that there was a time when you had to skip a meal because there was not enough money or other resources to get food. In which month(s) did your household face food shortages? SKIP: Relevant if foosec_fies_mealskip==1	1. January 2. February 3. March 4. April 5. May 6. June 7. July 8. August 9. September 10. October 11. November 12. December

modH_support	H.34. Did the key person need support from another person to complete the consumption section?	1. Yes, they needed the support of another person from the household to complete this section.

		0. No, they were able to complete the section alone.
modH_respondents	H.35. [If modH_support == 1] Please select all the household members who supported the key person in answering the previous section (consumption).	*List of the household members.* -77 Other relative not part of this household

Module I: Finance

Variable	Question	Response options
fin_intro_note	I would now like to ask you about whether or not you have savings with different institutions or group, and some details about those. You can ask someone else from your household to support you on this part if you need.	
fin_savings_type	I.1. Does your household have savings in the following place/institution? LOOP yes/no over each item of the list	1. SACCO 2. Saving & Loans Group (SLG) 3. Cooperative 4. Association 5. MFI 6. Bank 7. Employer 8. Store owner 9. Mobile money 10. Friend 11. Family member outside the household 12. At home (in secret place or box, carried with them in clothes, bag, pocket), etc. -66 Refused to answer 0 None
fin_acc_name_note	I am going to ask you a few questions about the savings with [saving_account_name].	
fin_acc_type	I.2. What type of account is it? (savings, fixed deposit, …)	1. Savings 2. Fixed deposit -77. Other, specify

	SKIP: Relevant only if [fin_savings_type] = 1 to 9 (not relevant if saving is done through friends or relatives)	
fin_acc_open	I.3. When did you open the account? If you are asking about "savings at home", this question means "When did you start saving at home" SKIP: Relevant only if [fin_savings_type] = 1 to 7 (not relevant if saving is done through friends or relatives)	
fin_acc_hhr	I.4. Which household member is the account manager?	*Household members list*
fin_acc_balance	I.5. What is the account balance?	
fin_acc_contr	I.6. Did you make contributions to this account in the past 12 months?	1. Yes 0. No
fin_acc_contr_amt	I.7. How much did you contribute to this account in the past 12 months? SKIP: Relevant if fin_acc_contr==1	
fin_acc_withdr	I.8. Did you make withdrawals from this account in the past 12 months?	*1. Yes* *0. No*
fin_acc_withdr_amt	I.9. How much did you withdraw from this account in the past 12 months? SKIP: Relevant if fin_acc_withdr==1	
fin_vlsa_part	I.10. Does your household currently participate in a VSLA/ROSCA/SLG?	1. Yes 0. No
fin_vlsa_count	I.11. How many VSLA/ROSCA/SLG do your household currently participate in? SKIP: Relevant if fin_vlsa_part==1	

Saving account roster (continued): Details for VLSA/ROSCA/SLG accounts *Repeated group for each saving account, if VLSA/ROSCA/SLG (Each account is referred to as [fin_savings_type]).*		
fin_vlsa_type	I.12. What type of VSLA/ROSCA/SLG is it?	1. ROSCA 2. Accumulated saving group 3. Other saving group
fin_vlsa_start	I.13. When did you start participating?	*Record month and year*
fin_vlsa_hhr	I.14. Which household member is the manager?	
fin_vlsa_amt	I.15. How much do you currently have saved? SKIP: Relevant if fin_vlsa_type = ROSCA or accumulated savings]	
fin_vlsa_contr	I.16. Did you make contributions to this account in the past 12 months?	
fin_vlsa_contr_amt	I.17. How much did you contribute to this account in the past 12 months?	
fin_vlsa_withdr	I.18. Did you make withdrawals from this group in the past 12 months? / Did you receive the pot in the last 12 months? / Did you share at the end of the cycle in the last 12 months? (excluding loans)	
fin_vlsa_withdr_amt	I.19. How much did you withdraw from this account this saving instrument in the past 12 months? As above, excluding loans?	
loan_outs	I.20. Does your household have any outstanding loans from a formal institution, informal institution, digital platform, or another household?	1. Yes 0. No
loan_outs_count	I.21. How many outstanding loans does you household have? *Count. Record up to 10 outstanding loans.* SKIP: Relevant if fin_loan_out==1	

Outstanding loan roster *Repeated group for each outstanding loan account (N = loan_outs_count)*		
loan_outs_source	I.22. What was the source?	1. SACCO 2. Saving and loans group (SLG) 3. Cooperative 4. Association 5. MFI 6. Bank 7. Employer 8. Store owner 9. Friend 10. Relative 11. Moneylender *12.* VSLA -77. Other, specify -66 Refused to answer
loan_outs_source_oth	I.22.oth Please specify	
loan_outs_mbrs	I.23. How many people are in the group? SKIP: Relevant if fin loan_source = SACCO, Coop, Association, VSLA	
loan_outs_date	I.24. When did you take out the loan?	
loan_outs_hhr	I.25. Which household member took out the loan?	
loan_outs_amt	I.26. What is the loan amount? Record monetary value	
loan_outs_rate	I.27. What is the total interest rate to pay for this loan?	
loan_outs_left	I.28. How much is left to repay in total (including amount borrowed and interest rate)? Record monetary value	
Finance (household-level, continued)		
fin_loan_ever	I.29. Has your household ever taken out a loan from a formal /informal institution/digital platform/another household?	1. Yes 0. No
fin_loan_ever_count	I.30. How many loans have your household ever taken, not counting the outstanding loans previously mentioned?	

fin_loan_year_count	I.31. In the past 12 months, how many loans have your household taken, not counting the outstanding loans previously mentioned?	
Loan in past 12 months roster *Repeated group for each loan in the past 12 months (N = fin_loan_year_count)*		
fin_loan_year_note	I am now going to ask you about these loans taken in the past 12 months	
fin_loan_ever_source	I.32. What was the source?	1. SACCO 2. Saving and loans group (SLG) 3. Cooperative 4. Association 5. MFI 6. Bank 7. Employer 8. Store owner 9. Friend 10. Relative 11. Moneylender 12. VSLA -77. Other, specify -66 Refused to answer
fin_loan_ever_date	I.33. When did you take out the loan?	
fin_loan_ever_hhf	I.34. Which household member took out the loan?	
fin_loan_ever_value	I.35. What is the loan value? *Record total loan value even if the loan has been fully repaid.*	
fin_loan_ever_rate	I.36. What is the total interest rate to pay for this loan? *Record interest rate even if the loan has been fully repaid.*	
fin_loan_ever_left	I.37. How much is left to repay in total (including amount borrowed and interest rate)?	
Finance (household-level, continued)		
fin_insur	I.38. Has your household purchased any insurance in the past 12 months or have any active insurance contract?	
fin_insur_count	I.39. How many insurances did you purchase?	

Insurance roster *Repeated group for each insurance purchased in the past 12 months (N = fin_insur_amt)*		
fin_insur_note	I am now going to ask you about the insurance number [n] purchased in the past 12 months.	
fin_insur_type	I.40. What type of insurance is it? (Rainfall/weather, Crop, Health, Life, …)	1. Rainfall/weather 2. Crop 3. Health 4. Life -77. Other, specify -66 Refused to answer
fin_insur_type_oth	I.39.oth. Other, specify	
fin_insur_date	I.41. When did you take out this insurance?	
fin_insur_hhr	I.42. Which household member took out this insurance?	*Household members list*
fin_insur_curr	I.43. Is the insurance policy currently active?	1. Yes 0. No
fin_insur_recurr	I.44. How often do you pay a premium?	1 Every week 2 Every 2 weeks 3 Every month 4 Every year -77 Other, specify -66 Refused to answer
fin_insur_premium	I.45. How much is the premium payment?	
fin_insur_received	I.46. Have you ever received an insurance payment from the policy?	1. Yes 0. No

Finance: wrap-up		
modJ_support	I.46. Did the key person need support from another person to complete the finance section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modJ_respondents	I.47. [If modJ_support == 1] Please select all the household members who supported the key person in anwering the previous section (finance).	*List of the household members.* -77 Other relative not part of this household

Module J: Social status and social capital

Social status

Variable	**Question**	**Response options**

socstat_intro_note	I would now like to ask you about your OWN perception of different aspects of your life. For those questions, you should not need support from other members of the household.	

socstat_note	I will now talk about how you currently feel or how you have felt over the last years.
	    Please imagine stairs with steps numbered from zero at the bottom to ten at the top.
	    Show image	

socstat_curr_self	J.1. [Social status 1] Suppose we say the stairs represent where people stand in society. The top of the stairs represents people who are the best off, who have the most money, most education, and best livelihoods. The bottom of the stairs represents the people who are the worst off, those who have the least money, least education, worst livelihoods, or no livelihood. The top step is 10 and the bottom step is 0. Please point to the step on the stairs where you feel you personally stand at this time. (Record step)	0. Stair 0, least money, least education, worst livelihood 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5 6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, most money, most education, best livelihood -66 Refused to answer
socstat_hope_self	J.2. [Hope/Aspirations] (Self, Social status 1) Now think about your life in 5 years from now. Consider whether you expect your position to go up, go down, or stay the same. Please point at the step on the stairs where you think you will stand in 5 years.	0. Stair 0, least money, least education, worst livelihood 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5 6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, most money, most education, best livelihood -66 Refused to answer
socstat_hope_child	J.3. [Hope/Aspirations] (Child, Social status 1) Now think about your youngest child or grandchild, whichever is younger. What do you think will be their position on the stairs when they become 40 years old? Please point at the step on the stairs	0. Stair 0, least money, least education, worst livelihood 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5

	where you think they will stand at that time. (If their youngest child or grandchild is older than 40 years, ask about that person's current position. If they have no child or grandchild, mark as NA)	6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, most money, most education, best livelihood -99 N/A -66 Refused to answer
socstat_respect	J.4. [Social status 2] Now the staircase represents how respected you are in the community. At the top there are the most respected people, such as the village chief and religious leaders, and at the bottom there are the least respected people, such as the excluded. Can you point me to which step of the staircase you are on these days?	0. Stair 0, least expected people, excluded people. 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5 6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, most respected people, village chief and religious leaders. -66 Refused to answer

Social capital

Variable	Question	Response options
Community financial support (Findex)		
soccap_finsupport	J.5. Imagine you have an emergency and need to pay MWK 33600 {0.05 * GNI/capita} [Malawi 2022 640 USD, thus 0.05 * 640 = USD 32 = MWK 33600]. Think about all of your friends, family, and people you know. How likely/probable is it that you would be able to raise MWK 33600]. {0.05 * GNI/capita} over the next month from your family, friends, or community?	1. Very unlikely 2. Quite unlikely 3. Quite likely 4. Very likely -66 Refused to answer
Collective action		
soccap_coll_group	J.6. Are you part of a group that meets regularly to discuss health, activities, or community?	1. Yes 0. No
soccap_coll_fincontr	J.7. Have you contributed financially to a community project in the past 12 months?	1. Yes 0. No

soccap_coll_volunteer	J.8. Have you participated /volunteered in a community project in the past 12 months?	1. Yes 0. No
	J.9. (OPTIONAL) Have you worked on a shared agricultural plot in the past 12 months?	1. Yes 0. No
(If partnered) Partner dynamics		
soccap_partner_tell	J.10. When you disagree with your spouse, you are comfortable telling them.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true
soccap_partner_int	J.11. Your partner will always do what is in your best interest.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true
soccap_partner_tens	J.12. In the past 6 months, has there been tension between you and your spouse?	1. Not at all 2. Some tensions 3. Quite a lot of tensions 4. Lots of tensions
soccap_partner_child	J.13. Does your opinion matter regarding decisions on how many children to have?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone.
soccap_partner_contrac	J.14. Does your opinion matter regarding decisions on contraception?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone.
Social Support (adapted from Lubben Social Network Scale, (Lubben et al., 2006))		
soccap_advice_note	Think about your friends, family, and other people you know both within and outside your household.	
soccap_advice_income	J.15. About how many people could you ask for advice about income-generating activities?	0. None 1. One 2. Two 3. Three or four 4. Five through eight 5. Nine or more -66 Refused to answer
soccap_advice_perso	J.16. About how many people could you ask for advice about personal and family matters (such as disagreements and conflicts, health concerns, etc)?	0. None 1. One 2. Two 3. Three or four 4. Five through eight 5. Nine or more -66 Refused to answer
Social Belonging (adapted from Inclusion of Other in Self Scale, Aron et al., 1992)		
soccap_lonely	J.17. In the past 6 months, how often have you felt lonely?	1. Very often 2. Quite often 3. Quite rarely

		4. Very rarely -66 Refused to answer
Social Trust and Collective Efficacy (adapted from Sampson, 1997)		
soccap_coll_trust	J.18. About how many people in this community do you feel are trustworthy and honest?	1. Few to no people, 2. Some people, 3. Most people, 4. Almost all people -66 Refused to answer
soccap_coll_help	J.19. About how many people in this community are willing to help others when they are in need?	1. Few to no people 2. Some people 3. Most people 4. Almost all people -66 Refused to answer
soccap_coll_tensions	J.20. In the past 6 months, has there been tension between members of your community? [4 point likert, reverse coded]	1. Lots of tensions 2. Some tensions 3. Very few tensions 4. No tensions -66 Refused to answer

Social status and social capital: wrap-up		
modJ_support	J.21. Did the key person need support from another person to complete the social status and social section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modJ_respondents	J.22. [If modJ_support == 1] Please select all the household members who supported the key person in answering the previous section (social status and social capital).	*List of the household members.* -77 Other relative not part of this household

Module K: Agency

Perceived agency

Variable	Question	Response options
Self-Efficacy and Resilience (Schwarzer& Jerusalem, 1995)		
percag_self_solve	K.1. I can always manage to solve difficult problems if I try hard enough.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true -66 Refused to answer

percag_self_want	K.2.	If someone opposes me, I can find the means and ways to get what I want.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true -66 Refused to answer
percag_self_goals	K.3.	It is easy for me to stick to my aims and accomplish my goals.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true -66 Refused to answer
percag_self_unexpec	K.4.	I am confident that I could deal effectively with unexpected events.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true -66 Refused to answer
percag_self_calm	K.5.	I can remain calm when facing difficulties because I can rely on my coping abilities.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true -66 Refused to answer
percag_self_solutions	K.6.	When I am confronted with a problem, I can usually come up with several solutions.	1. Not at all true 2. Hardly true 3. Moderately true 4. Exactly true -66 Refused to answer
Sense of Control (Lachman & Weaver, 1998			
percag_contr_none	K.7.	I have little to no control over the things that happen to me in life. (reverse coded)	1. Strongly agree 2. Somewhat agree 3. A little agree 4. Neither agree or disagree 5. A little disagree 6. Somewhat disagree 7. Strongly disagree -66 Refused to answer
percag_contr_determ	K.8.	Other people determine most of what I can and cannot do. (reverse coded)	1. Strongly agree 2. Somewhat agree 3. A little agree 4. Neither agree or disagree 5. A little disagree 6. Somewhat disagree 7. Strongly disagree -66 Refused to answer
Self- and Social-Esteem (Rosenberg, 1965; Du et al., 2012; original items)			
percag_est_note		I will ask you a series of questions about how you are feeling about yourself these days, meaning in recent weeks.	
percag_est_able	K.9.	How often do you feel that you are able to do things as well as most people?	1. Rarely or never 2. Sometimes 3. Most of the time 4. All of the time -66 Refused to answer

percag_est_posit	K.10. How often do you have a positive attitude about yourself?	1. Rarely or never 2. Sometimes 3. Most of the time 4. All of the time -66 Refused to answer
percag_est_good	K.11. How often do you feel like a good member of your family and your community, whatever "good" means to you?	1. Rarely or never 2. Sometimes 3. Most of the time 4. All of the time -66 Refused to answer
percag_est_respect	K.12. How often do you feel respected by other members of your family and community?	1. Rarely or never 2. Sometimes 3. Most of the time 4. All of the time -66 Refused to answer
percag_est_listen	K.13. How often do you feel that other people in your family and community listen to your opinions?	1. Rarely or never 2. Sometimes 3. Most of the time 4. All of the time -66 Refused to answer

Women's empowerment

Variable	Question	Response options
Control of earnings and revenues		
emp_contr_earn	K.14. Imagine you earned 3300 MWK from a small job for one day. If you wanted, could you decide how to spend it, without asking anyone?	1. Yes 0. No -66 Refused to answer
emp_contr_gift	K.15. Imagine you received 3300 MWK as a gift from a friend or relative outside the household. If you wanted to, could you decide how to spend it, without asking anyone?	1. Yes 0. No -66 Refused to answer
emp_contr_cash	K.16. Does your opinion matter about the use of money you make in your activities?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
emp_contr_partner	K.17. (If partnered) Does your opinion matter about the use of money your partner makes in his/her activities?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
emp_contr_hh	K.18. Does your opinion matter about the use of other money in the	1. No, does not matter at all. 2. Matters a little.

		3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
	household, for example from other members, transfers from families, governments, or associations?	

Control of consumption decisions		
emp_cons_exp	K.19. Does your opinion matter regarding decisions about big expenditures; that is, when, how, or if to buy a (mobile phone, tv, bicycle, or to fix or build a room; adopt assets or expenditures as appropriate)?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
emp_cons_health	K.20. Does your opinion matter regarding decisions on your own healthcare; that is, when to see a doctor, clinic, or to buy medications?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
emp_cons_educ	K.21. (If school-aged children in HH) Does your opinion matter regarding decisions on your children's education; that is, which children to go to school, how much to spend, which school etc.?	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer

Control of production decisions		
emp_prod_agri	K.22. (If any agricultural production) Does your opinion matter in your household's decisions regarding agriculture; that is, when and what to plant, what inputs to use, or where and how to sell? *SKIP: Relevant if agr_plotown == 1 OR permcrop_cultiv = at least 1 selected OR seascrop_season == 1 OR lvtk_any == 1*	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
emp_prod_lvtk	K.23. (If any livestock) Does your opinion matter in your household's decisions regarding livestock; that is, when to buy livestock, what to feed, or when to slaughter or sell? *SKIP: Relevant if agr_plotown == 1 OR permcrop_cultiv = at least 1 selected OR seascrop_season == 1 OR*	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer

	lvtk_any == 1	
emp_prod_business	K.24. (If any businesses) Does your opinion matter in your households businesses; that is, what to do, how to sell, or when to invest? *SKIP: Relevant if agr_plotown == 1 OR permcrop_cultiv = at least 1 selected OR seascrop_season == 1 OR lvtk_any == 1*	1. No, does not matter at all. 2. Matters a little. 3. Matters a lot. 4. I take the decision entirely alone. -66 Refused to answer
Gender Norms		
emp_norm_act	K.25. If you were to guess, about how many people in your community out of 10 think women should not have their own income generating activity, where 0 means no one thinks this and 10 means everyone thinks this? (0-10) [reverse coded]	0. No one (0) thinks this. 1. One (1) person thinks this. 2. Two (2) people think this. 3. Three (3) people think this. 4. Four (4) people think this. 5. Five (5) people think this. 6. Six (6) people think this. 7. Seven (7) people think this. 8. Eight (8) people think this. 9. Nine (9) people think this. 10. Everyone (10) thinks this. -66 Refused to answer
emp_norm_travel	K.26. If you were to guess, about how many people in your community out of 10 think women should not travel freely to other communities, where 0 means no one thinks this and 10 means everyone thinks this? (0-10) [reverse coded]	0. No one (0) thinks this. 1. One (1) person thinks this. 2. Two (2) people think this. 3. Three (3) people think this. 4. Four (4) people think this. 5. Five (5) people think this. 6. Six (6) people think this. 7. Seven (7) people think this. 8. Eight (8) people think this. 9. Nine (9) people think this. 10. Everyone (10) thinks this. -66 Refused to answer

Agency: wrap-up		
modK_support	K.27. Did the key person need support from another person to complete the agency section?	1. Yes, they needed the support of another person from the household to complete this section. 0. No, they were able to complete the section alone.
modK_respondents	K.28. [If modK_support == 1] Please select all the household members who supported the key	*List of the household members.* -77 Other relative not part of this household

	person in answering the previous section (agency).	

Module L: Well-being

Variable	Question	Response options
Life satisfaction		
wellb_satisf_note	Please imagine stairs with steps numbered from zero at the bottom to ten at the top.	
wellb_satisf	L.1. [Life satisfaction] Suppose we say that the top of the stairs represents the best possible life for you in which you are the most satisfied and content with your life and the bottom of the stairs represents the worst possible life for you in which you are the least satisfied and content. The top step is 10 and the bottom step is 0. Please point at the step on the stairs where you feel you personally stand at this time. (Record step)	0. Stair 0, worst possible life, least satisfied and content. 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5 6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, best possible life, satisfied and content. -66 Refused to answer
wellb_hope	L.2. Hope/aspirations (Life satisfaction) Now think about your life in 5 years from now. Consider whether you expect your position to go up, go down, or stay the same. Please point at the step on the stairs where you think you will stand in 5 years. (Record step)	0. Stair 0, worst possible life, least satisfied and content. 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5 6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, best possible life, satisfied and content. -66 Refused to answer
wellb_happy	L.3. Contentment Now suppose we say that the top of the stairs represents the life in which you are the most content, and the bottom of the stairs represents the life for you in which you are the least	0. Stair 0, worst possible life, least satisfied and content. 1. Stair 1 2. Stair 2 3. Stair 3 4. Stair 4 5. Stair 5

	content. The top step is 10 and the bottom step is 0. Please point at the step on the stairs where you feel you personally stand at this time. (Record step)	6. Stair 6 7. Stair 7 8. Stair 8 9. Stair 9 10. Stair 10, best possible life, satisfied and content. -66 Refused to answer
Satisfaction with life (Diener et al, 1985)		
wellb_swls_note	Below are five statements that you may agree or disagree with. Using the 1 - 7 scale below, indicate your agreement with each item by placing the appropriate number on the line preceding that item. Please be open and honest in your responding.	
wellb_swls_ideal	L.4. In most ways my life is close to my ideal.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_swls_cond	L.5. The conditions of my life are excellent.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_swls_satisf	L.6. I am satisfied with my life.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_swls_imp	L.7. So far I have gotten the important things I want in life.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_swls_change	L.8. If I could live my life over, I would change almost nothing.	7 - Strongly agree 6 - Agree 5 - Slightly agree

		4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
White's Perceived Stress Scale (PSS-4)		
wellb_pss_control	L.9. In the last month, how often have you felt that you were unable to control the important things in your life?	0. Never 1. Almost never 2. Sometimes 3. Fairly often 4. Very often -66 Refused to answer
wellb_pss_ability	L.10. In the last month, how often have you felt confident about your ability to handle your personal problems?	0. Never 1. Almost never 2. Sometimes 3. Fairly often 4. Very often -66 Refused to answer
wellb_pss_way	L.11. In the last month, how often have you felt that things were going your way?	0. Never 1. Almost never 2. Sometimes 3. Fairly often 4. Very often -66 Refused to answer
wellb_pss_pilling	L.12. In the last month, how often have you felt difficulties were piling up so high that you could not overcome them?	0. Never 1. Almost never 2. Sometimes 3. Fairly often 4. Very often -66 Refused to answer
Patient health questionnaire (PHQ-4)		
wellb_phq_note	Over the last 2 weeks, how often have you been bothered by any of the following problems?	
wellb_phq_nervous	L.13. Feeling nervous, anxious or on edge	0. Not at all 1. Several days 2. More than half the days 3. Nearly every day -66 Refused to answer
wellb_phq_worry	L.14. Not being able to stop or control worrying	0. Not at all 1. Several days 2. More than half the days 3. Nearly every day -66 Refused to answer
wellb_phq_interest	L.15. Little interest or pleasure in doing things	0. Not at all 1. Several days 2. More than half the days 3. Nearly every day -66 Refused to answer
wellb_phq_depressed	L.16. Feeling down, depressed, or hopeless	0. Not at all 1. Several days 2. More than half the days

		3. Nearly every day -66 Refused to answer
Levenson Multidimensional Locus of Control		
wellb_levens_power	L.17. I feel like what happens in my life is mostly determined by powerful people.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_levens_nice	L.18. How many friends I have depends on how nice a person I am.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_levens_happen	L.19. I have often found that what is going to happen will happen.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_levens_conflict	L.20. People like myself have very little chance of protecting our personal interests when they conflict with those of strong pressure groups.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_levens_please	L.21. Getting what I want requires pleasing those people above me.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree 3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
wellb_levens_hardwork	L.22. When I get what I want, it's usually because I worked hard for it.	7 - Strongly agree 6 - Agree 5 - Slightly agree 4 - Neither agree nor disagree

		3 - Slightly disagree 2 - Disagree 1 - Strongly disagree -66 Refused to answer
Psychological distress (Kessler-6 (Kessler et al., 2003))		
wellb_distr_note	The next questions are about how you have been feeling during the past 30 days. There will be five response options: 1=all of the time, 2=most of the time, 3=some of the time, 4=a little of the time, or 5=none of the time?	
wellb_ nervous	L.23. During the last 30 days, about how often did you feel nervous?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
wellb_hopeless	L.24. During the last 30 days, about how often did you feel hopeless?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
wellb_restless	L.25. During the last 30 days, about how often did you feel restless or fidgety?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
wellb_depressed	L.26. During the last 30 days, about how often did you feel so depressed that nothing could cheer you up?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
wellb_effort	L.27. During the last 30 days, about how often did you feel that everything was an effort?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
wellb_worthless	L.28. During the last 30 days, about how often did you feel worthless?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
Subjective health and functioning (BRFSS-Healthy Days, 2021)		
wellb_subj_health	L.29. Would you say that in general your health is excellent, very good, good, fair, or poor?	1. Poor 2. Fair. 3. Good. 4. Very good.
wellb_health_days	L.30. During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual	Value between 0 and 30

	activities, such as taking care of yourself and others, work or recreation ? HINT: Record number of days out of 30.	

closing_note	Enumerator please read to the respondent: "The survey is now over. I would like to thank you very much for your answers. Your answers will be treated with greatest confidentiality. I wish you a good rest of the day."	
enumer_comment	Please enter comment if any	