Final Performance Evaluation of Njira Development Food Assistance Project in Malawi



July 2020 | Volume II - Annexes I, J, & K

IMPEL | Implementer-Led Evaluation & Learning Associate Award







ABOUT IMPEL

The Implementer-Led Evaluation & Learning Associate Award works to improve the design and implementation of Food for Peace (FFP) funded development food security activities (DFSAs) through implementer-led evaluations and knowledge sharing. Funded by the USAID Office of Food for Peace (FFP), the Implementer-Led Evaluation & Learning Associate Award will gather information and knowledge in order to measure performance of DFSAs, strengthen accountability, and improve guidance and policy. This information will help the food security community of practice and USAID to design projects and modify existing projects in ways that bolster performance, efficiency and effectiveness. The Implementer-Led Evaluation & Learning Associate Award is a two-year activity (2019-2021) implemented by Save the Children (lead), TANGO International, and Tulane University, in Haiti, the Democratic Republic of Congo, Madagascar, Malawi, Nepal, and Zimbabwe.

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Njira irrigation farmers in Balaka District. Timothy Finan.

DISCLAIMER

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ANNEX I: DATA COLLECTION INSTRUMENTS

Part A: Qualitative Study Topical Outline

Njira Qualitative Study Focus Group Discussions <u>Topical Outline</u>

Criteria: Project Impact, Satisfaction, Relevance

- 1. Tell us about how the project appeared in this village (the story of the project at this site)
 - a. How people learned about it
 - b. Who made contact with the village
 - c. What activities were carried out
 - d. How people were chosen to participate
 - e. How the project operated
 - f. Frequency of visits from project staff
- 2. Tell us your opinion of the impact of this project activity
 - a. Which benefits were most important
 - b. Appropriate households were chosen
 - c. Benefits were spread evenly across the participants
 - d. Project activities addressed perceived needs in the village
 - e. Were there any project activities that you did not want or weren't interested in
 - f. Perceptions of any negative consequences of the project
 - g. What changes has the village experienced over the last 5 years

Criteria: Effectiveness, Coordination

- 3. Tell us how the project the project was managed
 - a. Did assets and support occur on a timely basis
 - b. Did the activities generate expected outcomes
 - c. Did staff provide appropriate support

- d. Factors that affected the positive outcomes
- e. Factors that constrained expected outcomes
- f. How many project activities occurred simultaneously in the village
- g. How were groups formed
- h. How many project-based groups were formed
- i. How were groups coordinated
- j. What role did the government play in the project

Criteria: Sustainability, Lessons Learned

- 4. Tell us how the community will continue now that the project is over
 - a. Is there a community plan for continuing with the project groups
 - b. Will other government agencies continue to work with the village
 - c. Does the village think that outcomes of the project will last
 - d. How could this project been improved

Part B: Quantitative Population-Based Survey

Household Survey

Malawi Endline Survey (Pilot)	
Begin Module A: Household ID and Informed Consent	
Head of HH and/or Responsible Adult	
A01: Region	○ Eastern Region○ Southern Region
A02: District	○ Machinga○ Blantyre○ Chikwawa○ Nsanje○ Balaka
A03: Traditional Authority Code	 STA Nchinguza - 30205 TA Nkoola - 30207 TA Chikweo - 30211 TA Ngokwe - 30212 TA Kapoloma - 30214

	○ TA Nyambi - 30215
	○ TA Msamala-31201
	◯ TA Kalembo - 31202
	◯ STA Kachenga - 31203
	◯ TA Amidu - 31204
	◯ TA Sawali - 31208
	◯ STA Matola - 31209
	◯ TA Ngabu - 31001
	◯ TA Lundu - 31002
	TA Chapananga - 31003
	○ TA Maseya - 31004
	○ TA Katunga - 31005
	○ TA Kasisi - 31006
	TA Makhwira - 31007
	STA Ndakwela - 31008
	◯ TA Mlilima - 31009
	STA Masache - 31010
	○ TA Ndamera - 31101
	○ TA Mlolo - 31104
	○ TA Tengani - 31105
	○ TA Malemia - 31106
	○ TA Mbenje - 31107
	○ TA Ngabu - 31108
	○ TA Kapeni - 30501
	○ TA Lundu - 30502
	○ TA Chigaru - 30503
	TA Kunthembwe - 30504
	○ TA Makata - 30505
	○ TA Kuntaja - 30506
	TA Machinjiri - 30507
	○ TA Somba - 30508
	○ EA-003
	○ EA-020
	○ EA-010
	○ EA-024
	○ EA-037
	○ EA-016
A04: Enumeration area (EA) code	○ EA-036
	○ EA-053
	○ EA-072
	○ EA-011
	○ EA-032
	○ EA-801

○ EA-016
○ EA-034
○ EA-051
○ EA-010
○ EA-026
○ EA-042
○ EA-057
○ EA-005
○ EA-027
○ EA-048
○ EA-073
○ EA-010
○ EA-026
○ EA-003
O EA-021
○ EA-039
○ EA-017
© EA-021
© EA-003
○ EA-012
© EA-029
© EA-049
© EA-068
© EA-093
© EA-112
© EA-130
© EA-011
© EA-033
© EA-816
○ EA-023 ○ EA-047
○ EA-047 ○ EA-068
© EA-087
© EA-014
○ EA-032
○ EA-014
○ EA-008
○ EA-011
○ EA-022
○ EA-038
○ EA-064
○ EA-010
○ EA-007

	○ EA-013
	○ EA-008
	○ EA-025
	○ EA-010
	○ EA-034
	○ EA-051
	○ EA-006
	○ EA-024
	○ EA-012
	○ EA-012
	○ EA-029
	○ EA-009
	○ EA-016
	○ EA-033
	○ EA-048
	○ EA-068
	○ EA-802
	○ EA-008
	○ EA-001
	○ EA-029
	○ EA-050
	○ EA-015
	○ EA-040
	○ EA-004
	○ EA-003
	○ EA-026
	○ EA-043
	○ EA-066
	○ EA-081
	○ EA-016
	○ EA-006
	○ EA-029
	○ EA-052
	○ EA-077
	○ EA-803
A05: Household number (HH)	
Household Listing ID: This is the HH number from the	
listing map (sketch map)	
A05b: Household number (HH)	
Question A05b is an intentional duplicate question.	
Enumerator must correctly enter the "Household	
Number" twice in order to continue with the survey.	

	O Blantyre-1
	○ Blantyre-2
	○ Blantyre-3
	○ Blantyre-4
	○ Chikwawa-1
	○ Chikwawa-2
	○ Chikwawa-3
A06: Team Code	○ Chikwawa-4
	○ Chikwawa-5
	○ Nsanje-1
	○ Nsanje-2
	O Balaka-1
	○ Bakaka-2
	○ Machinga-1
	○ Machinga-2
	○ 010 Takondwa Moyo
	○ 011 Agnes Chimchere
	O12 Masida Kumwenda
	○ 013 Kwacha Chakanika
	○ 014 John Jere
	○ 015 McDonald Chikhawo
	○ 020 Moshe Kumwenda
	○ 021 Dina Kapunula
	○ 022 Cedric Makoka
	○ 023 Molly Gondwe
	○ 024 Alex Mkochi
	○ 025 Tadala Namalima
	O30 Vivian Sichone
A07: Enumerator Name and Code	○ 031 Ednas Chadzuka
AO7. Ellumerator Name and Code	○ 032 Talinda Nseula
	○ 033 Siphiwe Kaluwa
	○ 034 Nomsa Makondesa
	○ 035 Mike Thyolani
	O40 Henock Chingagwe
	O41 Prudence Pendame
	O42 Yandy Gondwe
	O43 George Chirwa
	○ 044 Agnes Vera Banda
	O45 Bernard Milanzi
	110 Happiness Mbalati
	111 Samantha Mkochi
	112 Peterson Gwadani
	○ 113 Memory Chipagala

○ 114 Chrispin Kaonda
○ 115 Atupele Mambo
☐ 120 Monica Msiska
◯ 121 Zawadi Nkhata
122 Vinjeru Mkandawire
○ 123 Rabson Chimutu
○ 124 Daniel Kamphesi
125 Hopeson Mumba
○ 130 Kondwani Kamanga
○ 131 Rose K. Shonga
132 Oliver Mkandawire
○ 133 Jessie Mkandawire
○ 134 Paul Mponela
135 Eledia Ching'oma
140 Laura Matanda
141 Noreen Ng'ambi
142 Happy Mhango
143 John Chipula
144 Veronica Nangoza
145 Mercy Kanzengo
150 Maxwell Jamu
151 Nomsa Kanyenda
152 Alfred Magombo
153 McDonald Bandawe
154 Alfred Mantchichi
155 Happy Nyirenda
210 Thomas Malolo
211 Joyce Makokola
212 Ian Mtaya
213 Willard Mbereko
○ 214 George Magombo○ 215 Chifundo Chikankheni
220 Moses Kaipia
221 Memory Chirwa 222 Chimwemwe Lifa
223 Isaac Mwachileka
224 Khumbo Chisiye
225 Ludhuwan Mwamad
310 Wilso Mkandawire
311 Triza Mtengeni
312 Agnes Namalomba
313 Tijepani Gondwe
○ 313 Lenia Kanyerere
C === ================================

○ 315 Ivy Chirwa
○ 320 Misheck Mtaya
321 Mphatso Kamloza
○ 322 Bills Kumwembe
○ 323 Goria Mautanga
324 Jovitta Phiri Chisati
○ 325 Haswell Tongola
○ 410 Mphatso Makoka
○ 411 Brown Chikopa
○ 412 Dora Chidati
○ 413 Phillip Nyalugwe
○ 414 Ruth Mphande
○ 415 Martin Mbendela
○ 420 Semu Kamowa
○ 421 Pempho Makoka
423 Austin Nkhulambe
○ 424 Joana Chintedza
○ 425 Brown Nhlane

Begin Interview- Please READ Hello. My name is (___). I am working with CARD. We are conducting a survey to learn about food security, food consumption, nutrition and wellbeing of households in Malawi. Your household was selected for the survey. I would like to ask you some questions about your household. The questions usually take about 2 hours. All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. You don't have to be in the survey, but we hope you will agree to answer the questions since your views are important. If I ask you any question you don't want to answer, just let me know and I will go on to the next question or you can stop the interview at any time. Another member of my team will come and take height and weight measurements of the eligible women and children in the HH. Do you have any questions about the study or about your participation? You or other respondents can ask any questions you maybe have about the study at any time. Do you agree to participate in the survey? If you have question about the study or about your participation, you or other respondents may ask any questions you may have about the study at any time.

It is necessary to introduce the household to the survey and obtain the consent of all respondents. 1. First identify the primary decision maker and conduct the informed consent with them. 2. Then begin the interview. Add household members by selecting "add group", when done select "Do not add". Consent for subsequent modules will be at the beginning of each module.	
A08: Please tell me who is the primary male adult (15 years or older) decision-maker in the household? In households where there are no adult males, please enter "N/A". Enter -8 for Don't Know; -9 for Refused	
A09: Please tell me who is the primary female adult (15 years or older) decision-maker in the household? In households where there are no adult females, please enter "N/A". Enter -8 for Don't Know; -9 for Refused	
A10: Does the primary adult (15 years or older) decision-maker in the household consent to participate in this household survey? If the Head of HH is not available, you may select the next primary adult decision maker as long as they are aged 15 years and over. You still must start the survey by recording the Head of Household first, even if this person is not present.	Yes, I agree to participate in the surveyNo, I do not agree to participate in the survey
Please tell me the name and sex of each person who lives here, starting with the head of the household. For our purposes today, members of a household are adults or children that live together and eat from the "same pot". It should include anyone who has lived in your house for 6 of the last 12 months, but it does not include anyone who lives here but eats separately.	
HH Member ID #: \${mem}	
B01: Name of the household member	
B02: How old is \${B01}? Head of household must be over 15 years of age. Household roster (Module B) must begin with the head of household. If a child of a household member is less than 1, then please enter "0". If age is more than 95, then please enter "95". Enter -8 for Don't Know; -9 for Refused	

B03: Is <u>\${B01}</u> male or female ?	○ Male○ Female
B03a: Yes, this is a female between the ages of 15 and 49 years of age and is eligible for module E (Women's Nutrition, Breastfeeding and Antenatal Care). Please mark the paper tools accordingly There is no need to re-ask the respondent her age. This question will only appear if she has already answered between 15 and 49 years of age for question B2.	Yes, she is an eligible female between the ages of 15 and 49 years of age
B04a: What is the relationship of \$\{\text{B01}\}\) to the head of the household?	O Head of household
B04b: What is the relationship of \${B01} to the head of the household? Household Head is the first household member entered	 ○ Wife or Husband ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
B05: Is \$\{\text{B01}\} a responsible adult if head of household is absent?	○ Yes○ No○ Don't know○ Refused
B05a: Yes, this person is an eligible household member for modules F (Water, Sanitation and Hygiene) and H2 - H7 (Household Expenditures), please mark the paper tools accordingly. Please mark the paper tools accordingly	Yes, this person is an eligible household member, please mark the paper tools accordingly.
B06: Is \${B01} the primary person responsible for food preparation in the household?	○ Yes○ No○ Don't know○ Refused
B06a: Yes, this person is an eligible household member for modules C (Food Access) and H1.1 (FOOD CONSUMPTION). Please mark the paper tools accordingly	Yes, this person is an eligible household member, please mark the paper tools accordingly.

The primary caregiver is the person who knows the most about how and what the child is fed. Usually, but not always, this person will be \${B01}'s mother.	
B07: Please record name of the primary caregiver of \${B01}? The primary caregiver and the child are eligible for Module D (Primary Caregiver). Please mark the paper tools accordingly If the primary caregiver name is not on the roster, ensure that the primary caregiver is a household member, if yes make sure the primary caregiver is added to the household roster. Enter -8 for Don't Know; -9 for Refused	
B07_ID: Please record the roster member ID number of the primary caregiver If the primary caregiver name is not on the roster enter -10	
B07a: Please record name of the primary caregiver of \${B01}? The primary caregiver and the child are eligible for Module D (Primary Caregiver). Please mark the paper tools accordingly If the primary caregiver name is not on the roster, ensure that the primary caregiver is a household member, if yes make sure the primary caregiver is added to the household roster. Enter -8 for Don't Know; -9 for Refused	
B07a_ID: Please record the roster member ID number of the primary caregiver If the primary caregiver name is not on the roster enter -10	
B08: What is \${B01}'s current marital status?	 ○ Married or living together ○ Divorced/separated ○ Widowed ○ Never married and never lived together ○ Don't Know ○ Refused
B09: Is \$\frac{\\$\{\B01\}}{\}\$ the biological parent of a child under the age of 2 (23 months or younger) living in this household?	YesNoDon't knowRefused
B09a: Yes, this person is biological parent of a child under the age of 2 (23 months or younger) and is eligible for module K (MCHN-All Men and Women	Yes, this person is biological parent of a child under the age of 2 (23 months or younger)

with Child Under 2 Years), please mark the paper tools accordingly. Please mark the paper tools accordingly	
B10: Has \${B01} done any work in the last 12 months? Work includes jobs in the formal and/or informal sector, full time, part time, or seasonal work that is done within and/or outside the home. It includes, but is not limited to agricultural daily wage labor, offfarm daily wage labor, income generation activities, sale of goods produced or processed outside the home or at the home, homestead garden or farm (e.g., vegetables, eggs, fish, livestock, artisanal goods), or petty trading. For this indicator, work does not include participating in cash for work, food for work, or conditional transfers and/or productive safety net programs. It does not include either caring for own children, cooking, cleaning or doing other routine chores for own household (e.g., fetching water, collecting firewood) or being involved in agricultural production solely for household consumption.	YesNoDon't knowRefused
B11: During the last 12 months, was \$\{\text{B01}\}\ usually paid in cash or kind for this work or was \$\{\text{B01}\}\ not paid at all?	○ Cash only○ Cash and in-kind○ In-kind only○ Not paid○ Don't know○ Refused
B11a: Yes, this person is an eligible cash earner who has worked and earned cash in the past 12 months and is eligible for module J (Gender - Cash), please mark the paper tool accordingly. Please mark the paper tools accordingly	Yes, this household member has worked and earned cash in the past 12 months, please mark the paper tool accordingly
B12: Does \${B01} have access to a plot of land (even if very small) over which he/she makes decisions about what will be grown, OR how it will be grown, OR how to dispose of the harvest? Includes plots of land allocated to farmers for growing crops but not owned	○ Yes○ No○ Don't know○ Refused
B13: Does \${B01} have animals and/or aquaculture products over which he/she makes make decisions about their management OR how to dispose of the production?	○ Yes○ No○ Don't know○ Refused

B13a: Yes this person is a Farmer and is eligible for module G (Agriculture), please mark the paper tool accordingly.	Yes, this person is an eligible farmer
Please mark the paper tools accordingly	
B14: Is \$\frac{\xi}{B01}\right 's natural mother alive?	○ Yes○ No○ Don't know○ Refused
B15: Does \${B01}'s natural mother usually live in this household?	○ Yes○ No○ Don't know○ Refused
B16: What is the name of \${B01}'s natural mother. Record mother's line number from household roster (using the paper tool). If the mother's name is not on the roster, ensure that the mother is a household member, if yes make sure she is added to the roster list. Enter -9 for refused	
B16a: What is her household member ID? If the mother's name is not on the roster enter -10	
B17: Is \${B01}'s natural father alive?	○ Yes○ No○ Don't know○ Refused
B18: Does \${B01}'s natural father usually live in this household?	○ Yes○ No○ Don't know○ Refused
B19: What is the name of \$\{\text{B01}\}\'s natural father. Record father's line number from household roster (referring to the paper tool). If the father's name is not on the roster, ensure that the father is a household member, if yes make sure he is added to the roster list. Enter -9 for refused	
B19a: What is his household member ID? If the father's name is not on the roster enter -10	
B20: Has \${B01} ever attended school?	○ Yes○ No○ Don't know○ Refused

B21: What is the highest level of school \${B01} has attended?	 ○ Pre-school (nursey) ○ Primary - Standard ○ Secondary Form ○ University or above ○ Technical or vocational ○ Adult literacy only (No formal education) ○ Korani/religious education (No formal education) ○ Don't Know ○ Refused
B21a: What is the highest grade \$\{\text{B01}\}\ completed at that level?	 Grade 1 Grade 2 Grade 3 Grade 4 Grade 5 Grade 6 Grade 7 Grade 8 Don't Know Refused
B21b: What is the highest grade \${B01} completed at that level?	○ Grade 1○ Grade 2○ Grade 3○ Grade 4○ Don't Know○ Refused
B22: Did \${B01} attend school at any time during the 2019 school year?	○ Yes○ No○ Don't know○ Refused
B23: During this school year, what level was \${B01} attending?	 ○ Pre-school (nursey) ○ Primary - Standard ○ Secondary Form ○ University or above ○ Technical or vocational ○ Adult literacy only (No formal education) ○ Korani/religious education (No formal education) ○ Don't Know ○ Refused
B23b: During this school year, what grade was \$\{\begin{subar}{6}\{\begin}}}}}}}}}}}}}}} vinlength and both respectively a subar and	☐ Grade 1 ☐ Grade 2

	○ Grade 3○ Grade 4○ Grade 5
	○ Grade 6
	○ Grade 7
	○ Grade 8
	O Don't Know
	Refused
READ: Just to make sure that I have a complete listing: 1. Are there any other such persons such as small children or infants that we have not listed? 2. Are there any other people who may not be members of your family, such as domestic servants, lodgers, or friends who usually live here? 3. Does anyone else live here even if they are not at home now? Include children in school or household members at work or who have migrated 4. To add another roster member select "add group" in the next screen	
Project Participation	
B24. Are you (or anyone in HH) participating in <u>Njira</u> <u>Project</u> or <u>UBALE Project</u> activities? Or have you (or anyone in the HH) participated project activities in the <u>Njira Project</u> or <u>UBALE Project</u> in the past?	 ○ The Njira Project ○ The UBALE Project ○ Did not participate in project activities ○ Don't know ○ Refused
B25. Are you (or anyone in HH) receiving food rations as part of <u>Njira Project</u> or <u>UBALE Project</u> activities? Or have you (or anyone in the HH) received food rations in the past from either the <u>Njira Project</u> or <u>UBALE Project</u> ?	 ○ The Njira Project ○ The UBALE Project ○ Did not participate in project activities ○ Don't know ○ Refused
B26. Are you (or anyone in HH) participating in nutrition training/meetings organized as part of Njira Project or UBALE Project activities? or have you (or anyone in the HH) participated in nutrition trainings/meetings organized as a part of the Njira Project or UBALE Project	○ The Njira Project○ The UBALE Project○ Did not participate in project activities○ Don't know○ Refused
B27. Are you (or anyone in HH) receiving cash transfers as part of Njira Project or UBALE Project activities? Or have you (or anyone in the HH) received cash transfers in the past as a part of the Njira Project or UBALE Project?	 ○ The Njira Project ○ The UBALE Project ○ Did not participate in project activities ○ Don't know ○ Refused
B28. Are you (or anyone in HH) participating in any other activities as part of the <u>Njira Project</u> or <u>UBALE</u>	○ The Njira Project○ The UBALE Project

<u>Project</u> ? Or have your (or anyone in the HH) participated in any other activities in the past that	Did not participate in project activitiesDon't know
were a part of the <u>Njira Project</u> or <u>UBALE Project</u> ?	○ Refused
Total number of roster members for this household is "\$\frac{\shm_count}\"\$ Total number of primary person(s) responsible for food preparation in the household "\$\frac{\shrep_count}\"\$ (Module C, H1.1) Total number of responsible adult(s) if the head of household is absent is "\$\frac{\shrep_count}\"\$ (Module F, H2-H7) Total number eligible children under the age of two years (23 months or younger) is "\$\frac{\shrep_kid_count2}\"\$ (Module D1) Total number eligible children under the age of five years (59 months or younger) is "\$\frac{\shrep_kid_countall}\"\$ (Module D2) Total number of eligible farmers is "\$\frac{\shrep_kid_countall}\"\$ (Module D2) Total number of 15 and 49 years of age is "\$\frac{\shrep_kwom_age}\"\$ (Module E) Total number of eligible cash earners is "\$\frac{\shrep_kom_age}\"\$ (Module E) Total number of eligible cash earners is "\$\frac{\shrep_kom_age}\"\$ (Module E) Total number of eligible biological parents with children under the age of 2 years is "\$\frac{\shrep_kom_age}*\$ (Module K) The primary adult decision-maker is "\$\frac{\shrep_kom_age}*\$ (Module K) The primary adult decision maker is "\$\frac{\shrep_kom_age}*\$ (Module K) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$ (Module F) The primary adult female decision maker is "\$\frac{\shrep_kom_age}*\$	
Begin Module F. Water, Sanitation and Hygiene	
Respondents for this module: Head of Household or a responsible adults if the HH is absent	
F01_sel. Please select the Head of Household or a responsible adults if the HH is absent Total number of eligible responsible adults is "\${res_count}"	<pre> \${hm1} \${hm2} \${hm3} \${hm4} \${hm5} \${hm6} \${hm7} \${hm8} \${hm9} \${hm10} \${hm11} \${hm12} \${hm13} \${hm13} \${hm14} \${hm15} \${hm15} \${hm16} \${hm18} </pre>

	○ \${hm19}
	○ \${hm20}
	○ \${hm21}
	○ \${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
F01a: Does "\${F01}" give consent to participate in Module F: Water, Sanitation and Hygiene?	 Yes, I agree to participate in the this module No, I do not agree to participate in ths module Household Member was not available
F24. Why has this section not being completed?	
Drinking Water	
	O Piped into home
	O Piped to yard/plot
	Public tap/standpipe
	Tube well or borehole
	O Dug well - protected
	O Dug well - unprotected
	Water from spring - protected
500 MI + 1	○ Water from spring - unprotected
F02: What is currently the main source of drinking	○ Rainwater
water for members of your household?	○ Tanker truck
	Surface water
	(River/Dam/Lake/Pond/Stream/Canal/Irrigation
	Channel)
	,
	O Bottled water
	Other
	O Don't Know
	Refused
F02a: Specify other:	
F03: Where is the water source located?	○ In own dwelling
	○ In own yard/plot
	○ Elsewhere
	O Don't know
	Refused
How long does it take to go there, get water and	
come back?	
F04a: Hours	

Enter "0" if less than 1 hour or Delivery; -8 for Don't Know; -9 for Refused One day equal 24 hours.	
F04b: Minutes Enter "0" for Delivery; Enter -8 for Don't Know; -9 for Refused 60 minutes equals one hour.	
F05: Is water available from this source all year round?	○ Yes○ No○ Don't know○ Refused
F06: In the last two weeks, was water unavailable from this source for a day or longer?	○ Yes○ No○ Don't know○ Refused
F07: Do you do anything to the water to make it safer to drink?	○ Yes○ No○ Don't know○ Refused
F08: What do you usually do to make the water safer to drink?	□ Boil (until the water comes to a boil) □ Add bleach/chlorine (Water Guard, Jik, Aquatabs) □ Strain through a cloth □ Use water filter (ceramic/sand/composite/etc) □ Solar disinfection □ Let it stand and settle □ [BIO] sand filtration □ Put a cover over the water □ Other (specify) □ Do not know □ Refused to answer
F08a: Specify other: Enter -8 for Don't Know; -9 for Refused	
SANITATION	
F10. What kind of toilet facility do members of your household usually use?	 ○ Flush or pour flush toilet - to piped sewer system ○ Flush or pour flush toilet - to septic tank ○ Flush or pour flush toilet - to pit latrine ○ Flush or pour flush toilet - to somewhere else ○ Flush or pour flush toilet - don't know

	where
	O Pit latrine - Ventilated improved pit latrine
	(VIP)
	Pit latrine with natural slab
	O Pit latrine - pit latrine manufactured slab
	(sandplat)
	O Pit latrine - pit latrine without slab/open pit
	○ Composting Toilet
	O Bucket toilet
	○ Hanging Toilet/Hanging latrine (pile)
	○ No facility/bush/field/lake/river
	○ ECOSAN Latrine
	Other (specify)
	O Don't know
	Refused
F10a. Specify Other	
Enter -8 for Don't Know; -9 for Refused	
Enter -8 Joi Don't Know, -9 Joi Kejuseu	
	○ Yes
F11. Does your household share the toilet facility	○ No
with other households?	O Don't know
	Refused
	○ Two households
	○ Three households
540 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O Four households
F12. How many households share that toilet facility?	Five households
Example: If the respondent's household shares the	○ Six households
toilet with one other household, select "Two	○ Seven households
households." If the respondent's household shares	Eight households
the toilet with two household, select "Three household" and so on.	○ Nine households
	○ Ten or more households
	O Does not know
	Refused to answer
HANDWASHING	
	Observed
F13: Please show me where members of your	Not observed - not in dwelling/yard/plot
household most often wash their hands	Not observed - no permission to see
	Not observed - other reason
F14: Observe presence of water at the place for	○ Water is available
handwashing. OBSERVATION ONLY	Water is not available
F15: Observe presence of soap, detergent or other	☐ Soap or detergent (bar, liquid, powder,
cleaning agent at the place for handwashing. OBSERVATION ONLY	paste)
ODJERVATION ONE!	

	☐ Ash, mud, sand
	□ None
F16: Observe presence of toilet facility that	O Toilet facility is available
households said they used. OBSERVATION ONLY	○ Toilet facility is not available
	○ No roof
	○ Thatch/Palm leaf
	Sod
	Rustic mat
	O Palm/bamboo
	○ Wood planks
F17: Observe, Do not ask. Roof top material (outer	Cardboard
covering): OBSERVATION ONLY	○ Metal
6,10,10,10,10,10,10,10,10,10,10,10,10,10,	Wood
	Calamine/cement fiber
	Ceramic tiles
	Cement
	Roofing shingles
	Other(Specify)
F47a. Coasif. adda	
F17a: Specify other:	
Enter -8 for Don't Know; -9 for Refused	
	© Earth/sand
	ODung
	○ Wood planks
	O Palm/bamboo
F18: Observe, Do not ask. Floor material:	O Parquet/polished wood
OBSERVATION ONLY	O Vinyl or asphalt strips
	O Ceramic tiles
	Cement
	Carpet
	Other(Specify)
F18a: Specify other:	
Enter -8 for Don't Know; -9 for Refused	
F19: Observe, Do not ask. Exterior walls: OBSERVATION ONLY	○ No walls
	Cane/Palm/Trunks
	ODirt
	Bamboo with mud
	Stone with mud
	○ Uncovered adobe
	Plywood
	Cardboard
	Reused wood

	Metal sheeting
	Cement
	Stone with lime/cement
	Bricks
	Cement blocks
	O Covered abode
	Wood planks/shingles
	Other(Specify)
F19a: Specify other:	
Enter -8 for Don't Know; -9 for Refused	
F20: How many rooms in this dwelling are used for sleeping?	
Enter -8 for Don't Know; -9 for Refused	
	○ Yes
F24 Barrella to the ball have also bell 2	○ No
F21: Does this household have electricity?	O Don't know
	Refused
	○ Electricity
	○ Liquid Propane Gas
	○ Natural Gas
	Biogas
	○ Kerosene
	○ Coal, Lignite
	○ Charcoal
F22: What is the main source of cooking fuel for your	○Wood
household?	○ Straw/Shrubs/Grass
	○ Agricultural Crop Residue
	○ Animal Dung
	○ Other
	○ No Food Cooked In Household
	O Don't know
	Refused to answer
F22a: Specify other:	
Enter -8 for Don't Know; -9 for Refused	
Begin Module G. Agriculture	
Respondents for this module: All farmers Repetitions:	
All eligible male and female farmers Total number of	
eligible farmers is " <u>\${farmers_count}</u> "	
	□ \${hm1}
G01_sel. Please select the names of the eligible farmers as indicated on the paper household roster	□ \${hm2}
	□ \${hm3}
	1

A substitute household member may only answer	□ \${hm4}
this module if the farmer is still absent after the <u>third</u>	□ \${hm5}
<u>visit</u> , you must still select the FARMER'S name. Total	□ \${hm6}
number of eligible farmers is "\$\farmers_count\}"	□ \${hm7}
	□ \${hm8}
	□ \${hm9}
	□ \${hm10}
	□ \${hm11}
	□ \${hm12}
	□ \${hm13}
	□ \${hm14}
	□ \${hm15}
	□ \${hm16}
	□ \${hm17}
	□ \${hm18}
	□ \${hm19}
	□ \${hm20}
	□ \${hm21}
	□ \${hm22}
	□ \${hm23}
	□ \${hm24}
	□ \${hm25}
G01a . Are you a substitute household member	
because \${G01} is an absent?	
A substitute household member may only answer	Yes
this module if the farmer is still absent after the <u>third</u>	○ No
<u>visit</u> .	
G01b. Are you knowledgeable of \${G01}'s practices?	○Yes
Instructions to Respondent When the Farmer is	○ No
Absent: I want to know about all farming activities in	O Don't know
this household, are you willing and able to answer	Refused
these questions about HIS/HER farming?	O Neluseu
G02. Does "\${G01}" or the substitute household	Yes, I agree to participate in the this module
member for "\(\frac{5}{G01}\)" give consent to participate in	No, I do not agree to participate in ths
Module G: Agriculture?	module
	O Household Member was not available
G03. Does "\${G01}" regularly participated in	Yes
agriculture related trainings/meetings, specifically	O No
the Njira Project and/or the UBALE Project?	○ Don't know○ Refused

G04. Does "\${G01}" have access to a plot of land (even if very small) over which you make decisions about what will be grown, OR how it will be grown, OR how to dispose of the harvest? Includes plots of land allocated to farmers for growing crops buy not owned.	○ Yes○ No○ Don't know○ Refused
G05. Does "\${G01}" have animals and/or aquaculture products over which you make decisions about their management OR how to dispose of the production?	○ Yes○ No○ Don't know○ Refused
G28. Why was "\${G01}" unable to complete the survey?	
G07: Does "\${G01}" take any agricultural credit, in cash or in kind, in the past 12 months from any of the following? Read list. Select all that apply	□ Agro-dealers □ Contract farming □ Village savings groups □ Farmers associations or cooperatives □ MFI □ Banks (eg. OIBM) □ Government institution □ Non-cash loans □ Input/cash from buyers (non-contract) □ Other (Specify) □ Did not take any agricultural credit □ Don't Know □ Refused
G07a: Please specify: Enter -8 for Don't Know; -9 for Refused MFI=MAGULU OBWEREKETSA NDALAMA MONGA (MONGA. FINCA, CUMO). OIBM=OPPORTUNITY INTERNATIONAL BANK OF MALAWI	
G08: Does "\${G01}" save any cash through any of the following formal institutions in the past 12 months? Read list. Select all that apply.	 □ Village savings and loan □ MFI □ Farmers Assoc/Coop □ Banks (eg. OIBM) □ Mobile phone banking □ Other (Specify) □ Did not save any cash □ Don't Know □ Refused

G08a: Please specify:	
Enter -8 for Don't Know; -9 for Refused	
G09: Does "\${G01}" buy any agricultural insurance in the past 12 months? Some people insure their agricultural production against negative unexpected circumstances, such as drought, floods, and pests by paying for this service.	○ Yes○ No○ Don't know○ Refused
Now I want to ask you about farming and livestock practices about which you make decisions. This includes practices about crops, animals and aquaculture products.	
G10: Which of the following activities related to farming and animal husbandry has "\${G01}" practiced or received services for during the past 12 months? Read each activity. Select all that apply.	□ Purchase inputs through agro-dealers and/or community associations □ Use of financial services □ Use of training and extension services □ Contract farming □ Pen feeding □ Processing produce (roasting, hulling, milling, grinding) □ Trading/marketing produce through marketing groups, agro-dealers or community associations □ Use of marketing systems for livestock □ Warehouse receipt system (WRS) □ Use of market information services (NGOs, Govt., PSP, mobile) □ Use of business development services □ Use of insurance services □ Planning and profit calculations □ Did not practice any of these activities in past 12 months □ Don't Know □ Refused
G12: In the past 12 months, did "\${G01}" plant any crops in the plot(s) over which you make decisions?	○ Yes○ No○ Refused
G13: What crops did "\${G01}" plant during the past 12 months in the plot(s) over which you make decisions?	☐ Sorghum ☐ Millet ☐ Cow peas ☐ Groundnuts

Select all crops named by the respondent. OFSP =	☐ Maize
ORANGE FLESH SWEET POTATO NUA BEANS = THE IRON AND ZINC FORTIFIED BEANS	□ Rice
	☐ Soybeans
	☐ Cassava
	☐ Sesame
	☐ NUA beans
	☐ Other beans
	□ OFSP
	☐ Sweet potato
	☐ Pigeon peas
	□ Cotton
	□ Tobacco
	☐ Sugar cane
	☐ Chiles (paprika)
	☐ Fruits & vegetables
	☐ Other1(Specify)
	☐ Other2(Specify)
	□ None
	☐ Don't Know
	☐ Refused
G13a: Please specify all other crops:	
Enter -8 for Don't Know; -9 for Refused	
G13a2: Please specify all other crops:	
Enter -8 for Don't Know; -9 for Refused	
	☐ Manure
	□ Compost
	□ Planting basins
	☐ Mulching
	☐ Weed control
	☐ Dry planting
G13b: For the crops (including vegetables) that	☐ Residue incorporation
"\${G01}" planted, did "\${G01}" use any of these practices in the past 12 months? Select all crops named by the respondent.	☐ Tied ridges/BOX RIDGES
	☐ Crop rotations
	☐ Intercropping
	☐ Planting with first rains
	☐ Use of improved crop varieties
	☐ Contour RIDGES
	□ Ridging
	☐ Pit planting

	☐ Minimum tillage
	☐ Chemical pest control
	☐ Biological or natural pest control
	☐ Sasakawa (planting of one seed per station
	for maize)
	☐ Agro-forestry
	☐ Did not use any of these practices in past 12
	months
	☐ Don't Know
	☐ Refused
	☐ Sorghum
	☐ Millet
	☐ Cow peas
	☐ Groundnuts
	☐ Maize
	□ Rice
	☐ Soybeans
	□ Cassava
	☐ Sesame
G13c: What crops did "\${G01}" sell during the past	□ NUA beans
twelve months from the plot(s) over which "\${G01}"	☐ Other beans
made decisions?	□ OFSP
Select all crops named by the respondent. OFSP =	☐ Sweet potato
ORANGE FLESH SWEET POTATO NUA BEANS = THE	☐ Pigeon peas
IRON AND ZINC FORTIFIED BEANS	□ Cotton
	☐ Tobacco
	☐ Sugar cane
	☐ Chiles (paprika)
	☐ Fruits & vegetables
	☐ Other1(Specify)
	☐ Other2(Specify)
	□ None
	☐ Don't Know
	☐ Refused
G13c1: Please specify all other crops:	
Enter -8 for Don't Know; -9 for Refused	
G13c2: Please specify all other crops:	
Enter -8 for Don't Know; -9 for Refused	

	☐ Cattle
	□ Goats
	Sheep
	☐ Donkeys
	☐ Pigs
	☐ Chicken
G1E: What livestock did "\$(G01)" raice/care for and	Rabbits
G15: What livestock did "\${G01}" raise/care for and make decisions about during the past 12 months?	☐ Turkeys
Select all animal species (including fish) named by	☐ Guinea fowl
the respondent.	□ Ducks
	☐ Fish
	☐ Pigeons
	☐ Other (Specify)
	☐ Other (Specify)
	□ None
	☐ Don't Know
	☐ Refused
G15a: Please specify all other animals:	
Enter -8 for Don't Know; -9 for Refused	
G15b: Please specify all other animals:	
Enter -8 for Don't Know; -9 for Refused	
	☐ Improved animal shelters
	□ Vaccinations
	☐ Deworming
	☐ Castration
	☐ Dehorning
G16: Did "\${G01}" use any of the following practices	☐ Homemade animal feeds made of locally
	available products
	☐ Animal feed supplied by stockfeed
when you cared for livestock during the past 12	manufacturer
months?	☐ Artificial insemination
Read each practice. Select those that were used.	☐ Pen feeding
	☐ Fodder production
	☐ Used the services of community animal
	health workers or paravets
	☐ Dipping
	☐ Raising improved breeds
	\square Did not practice any of these activities in
	past 12 months

	☐ Don't know ☐ Refused
G17: If "\${G01}" purchased drugs or medicines to give to livestock during the past 12 months, where did "\${G01}" primarily purchase the drugs?	 ○ Veterinarian ○ Community animal health worker ○ Paravet ○ Agro-dealer ○ Other(Specify) ○ Did not purchase drugs/medicines ○ Don't Know ○ Refused
G17a: Please specify: Enter -8 for Don't Know; -9 for Refused	
G18: Did "\${G01}" use any of the following natural resources management practices or techniques that were not related directly to your on-farm production during the past 12 months? Read each practice. Select those that were used.	 □ Management or protection of watersheds or water catchments □ Management of forest plantation □ Sustainable harvesting of forest products □ Did not practice any of these activities in past 12 months □ Don't know □ Refused
G20: During the past 12 months did "\${G01}" store any crops from the plot(s) over which you make decisions?	○ Yes○ No○ Don't know○ Refused
G21: Did "\${G01}" use any of the following methods to store the crops? Read each method. Select those that were used.	 □ Pics bags □ Improved granary □ Warehousing or cereal banks □ Use of trap □ Grain bag with pesticides □ Did not use any of these methods □ Don't know □ Refused
G22: During the past 12 months, did "\${G01}" access any extension services for his crops or livestock? Read each reason. Select all that apply.	○ Yes○ No○ Don't know○ Refused
G23: What type of extension services did "\$\frac{\\$G01}{\}" access in the past 12 months for "\$\frac{\}G01\]'s" crops or livestock? Select all that apply.	 □ Production □ Pest Management □ Disease Control □ Market Information

	☐ Other(Specify)
	☐ Don't Know
	☐ Refused
G23a: Please specify all other animals:	
Enter -8 for Don't Know; -9 for Refused	
	○Yes
G24: Has "\${G01}" benefitted from at least one of	○ No
the extension services for the past 12 months?	O Don't know
·	Refused
	☐ Government Extension Workers
	☐ Non-Governmental Organizations (NGO)
G25: Who provided the extension services?	☐ Private Sector/Company
Select all that apply.	☐ Other(Specify)
	☐ Don't Know
	☐ Refused
G25a: Please specify:	
Enter -8 for Don't Know; -9 for Refused	
Now, I would like to ask you about statements about self-beliefs to cope with a variety of difficult demands in life.	
	O Not at all true
G26a: I can always manage to solve difficult	○ Hardly true
problems if I try hard enough.	Moderately true
How much do they agree with the following	Exactly true
statement?	O Don't Know
	Refused
	O Not at all true
G26b: If someone opposes me, I can find the means	O Hardly true
and ways to get what I want.	Moderately true
How much do they agree with the following	Exactly true
statement?	O Don't Know
	Refused
	O Not at all true
G26c: It is easy for me to stick to my aims and	O Hardly true
accomplish my goals.	Moderately true
How much do they agree with the following	Exactly true
statement?	O Don't Know
	Refused
G26d: I am confident I could deal efficiently with	O Not at all true
unexpected events.	☐ Hardly true

How much do they agree with the following statement?	○ Moderately true○ Exactly true○ Don't Know○ Refused
G26e: Thanks to my resourcefulness, I know how to handle unforeseen situations. How much do they agree with the following statement?	 Not at all true Hardly true Moderately true Exactly true Don't Know Refused
G26f: I can solve most problems if I invest the necessary effort. How much do they agree with the following statement?	 ○ Not at all true ○ Hardly true ○ Moderately true ○ Exactly true ○ Don't Know ○ Refused
G26g: I can remain calm when facing difficulties because I can rely on my coping abilities. How much do they agree with the following statement?	 Not at all true Hardly true Moderately true Exactly true Don't Know Refused
G26h: When I am confronted with a problem I can usually find several solutions. How much do they agree with the following statement?	○ Not at all true○ Hardly true○ Moderately true○ Exactly true○ Don't Know○ Refused
G26i: If I am in trouble, I can usually think of a solution. How much do they agree with the following statement?	 Not at all true Hardly true Moderately true Exactly true Don't Know Refused
G26j: I can usually handle whatever comes my way. How much do they agree with the following statement?	 ○ Not at all true ○ Hardly true ○ Moderately true ○ Exactly true ○ Don't Know ○ Refused
Now, I would like to ask your perception on community leader's support to women's	

participation and taking leadership roles in community.	
G27a: Do community leaders encourage women to participate and take up leadership roles in your community?	○ Yes○ No○ Don't know○ Refused
G27b: In which ways do local leaders offer support? Select all that apply.	□ Organize community meetings where women are invited □ Organize community meetings at times when women can attend □ Sensitize communities on the importance of female participation □ Taking a role during selection of executive committees to ensure that women are included □ Ensuring that topics important to women are discussed □ Local leaders did not offer support in the ways listed above □ Don't know □ Refused
Begin Module C. Food Access Respondents for this module: Household members responsible for food preparation in the household. Total number of eligible responsible adults are "\${prep_count}"	
C01_sel. Please select the name of the eligible household member who is responsible for food preparation in the household	<pre> \$\{hm1\} \$\{hm2\} \$\{hm3\} \$\{hm4\} \$\{hm5\} \$\{hm6\} \$\{hm7\} \$\{hm8\} \$\{hm9\} \$\{hm10\} \$\{hm11\} \$\{hm12\} \$\{hm13\} \$\{hm14\} \$\{hm15\} \$\{hm16\} \$\{hm17\} </pre>

	<pre> \$\{\text{hm18}\} \$\{\text{hm19}\} \$\{\text{hm20}\} \$\{\text{hm21}\} \$\{\text{hm22}\} \$\{\text{hm23}\} \$\{\text{hm24}\} \$\{\text{hm25}\} </pre>
C02. Does "\$\frac{\\$(C01)}{\}" give consent to participate in Module C: Food Access?	Yes, I agree to participate in the this moduleNo, I do not agree to participate in ths moduleHousehold Member was not available
C26. Why was "\$\{C01\}" unable to complete the survey?	
C03: Was yesterday an unusual or special day (Festival, Funeral, etc.) or were most household members absent?	○ Yes○ No○ Don't know○ Refused
Now I would like to ask you about the types of foods that you or anyone else in your household ate yesterday during the day and at night.	
CO4: Did you or anyone else in your household eat "Maize, bread, rice, sorghum, millet, finger millet (Eleusine), barley, bulgar wheat, pasta, noodles, porridge, CSB (corn soy blend), ufasoya, or other foods made from cereals/grains" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C05: Did you or anyone else in your household eat "Cassava, potatoes, sweet potatoes, orange-flesh sweet potatoes, yams, or any other foods made from roots or tubers (plantains)" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C06: Did you or anyone else in your household eat "Any vegetables (leaves, root)? Such as carrots, pumpkin leaves, traditional / indigenous vegetables, okra, pumpkin, squash, gourds, tomato, or mushrooms" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused

C07: Did you or anyone else in your household eat "Any fruits? Including traditional/indigenous fruits, watermelon, baobaba, etc" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
CO8: Did you or anyone else in your household eat "Any meat? Beef, pork, lamb, goat, rabbit, wild game, chicken, duck, frog, lizard, or other birds? Liver, kidney, heart, or other organ meats or blood" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C09: Did you or anyone else in your household eat "Any eggs? (chicken, turkey, fowl, duck)" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C10: Did you or anyone else in your household eat "Any fresh or dried fish, dried shellfish, or crabs" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C11: Did you or anyone else in your household eat "Any foods made from beans, peas, lentils, cowpeas, pigeon peas, groundnuts, or cashew nuts" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C12: Did you or anyone else in your household eat "Any cheese, yogurt, milk, sour milk, or other dairy products" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C13: Did you or anyone else in your household eat "Any foods made with oil, fat, animal fat, lard or butter" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
C14: Did you or anyone else in your household eat "Any sugar, honey, sugar cane, or sweet reed" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused

C15: Did you or anyone else in your household eat "Any other foods, such as tomato sauce or condiments, spices, coffee, or tea" yesterday? Do not include foods consumed outside the home that were prepared elsewhere.	○ Yes○ No○ Don't know○ Refused
HSS Questions Now I will ask you about the food you have consumed int he past 30 days	
C16: In the past [4 WEEKS/30DAYS] was there ever no food to eat of any kind in your house because of lack of resources to get food?	○ Yes○ No○ Don't know○ Refused
C17: How often did this happen in the past [4 WEEKS/30 DAYS]? Read options.	○ Rarely (1-2 times)○ Sometimes (3-10 times)○ Often (more than 10)○ Does Not Know○ Refused
C18: In the past [4 WEEKS/30 DAYS] did you or any household member go to sleep at night hungry because there was not enough food?	○ Yes○ No○ Don't know○ Refused
C19: How often did this happen in the past [4 WEEKS/30 DAYS]? Read options.	○ Rarely (1-2 times)○ Sometimes (3-10 times)○ Often (more than 10)○ Does Not Know○ Refused
C20: In the past [4 WEEKS/30 DAYS] did you or any household member go a whole day and night without eating anything at all because there was not enough food?	○ Yes○ No○ Don't know○ Refused
C21: How often did this happen in the past [4 WEEKS/30 DAYS]? Read options.	○ Rarely (1-2 times)○ Sometimes (3-10 times)○ Often (more than 10)○ Does Not Know○ Refused
Assistance and coping questions Please make sure the respondent understands that his/her response to these questions will have no influence on whether the household will be eligible or ineligible to receive future assistance.	
C22: Did you receive any of the following types of assistance during the past 12 months? Read each response and choose all that apply.	☐ Food ☐ Cash ☐ Crop inputs (fertilizer, seed)

	☐ Livestock inputs
	☐ WASH inputs (chlorine, jerrycans,
	soap,Sanplat, covered buckets, etc.)
	☐ Household kits (pots, pans, etc.)
	☐ Plastic sheeting/tarpoline
	☐ Mosquito nets
	☐ Other (Specify)
	□ No assistance received
	□ Don't know
	Refused
C22a: Please specify: Enter -8 for Don't Know; -9 for Refused	
	☐ Government
	□NGO
	☐ Community group
C23: Who did you receive the assistance from?	☐ Farmers COOP/Association
NGO=Non-governmental Organization	☐ Friend or family member
TVOO TVON GOVERNMENTAL OI GUINEGUION	☐ Other (Specify)
	□ Don't Know
	Refused
C23a: Please specify:	
Enter -8 for Don't Know; -9 for Refused	
	○ Yes
C24: Did you receive the assistance in response to a	○ No
shock?	O Don't know
	○ Refused
	☐ Drought
	☐ Flood/water logging
	☐ Strong winds or storms
	☐ Crop disease or crop pests
	☐ Livestock disease or deaths
C25: Did you experience any of the following shocks	☐ Loss of job/non-payment
during the last 12 months?	☐ Large fall in sale price of crops
Read each response and choose all that apply.	☐ Large rise in prices of food
	☐ Death in household
	☐ Break-up of the household
	☐ Illness
	☐ Theft
	☐ House damaged due to fire

	☐ End of regular assistance, aid or remittances
	from outside
	☐ Other (Specify)
	☐ No shock experienced
	☐ Don't Know
	☐ Refused
C25a: Please specify:	
Enter -8 for Don't Know; -9 for Refused	
Begin Module D1: Children's Nutritional Status and Feeding Practices	
READ: I would now like to ask you some questions about your children.	
Respondents for this module: Primary Caregivers of children under the age of 5 years old (59 months or younger) Repetitions: For all children under the age of 5 years old (59 months or younger) Total number of eligible children under the age of 5 years is "\${kid_countall}"	
	□ \${hm1}
	□ \${hm2}
	□ \${hm3}
	□ \${hm4}
	□ \${hm5}
	□ \${hm6}
	□ \${hm7}
	□ \${hm8}
	□ \${hm9}
	□ \${hm10}
D01_sel : Please select that names of the <i>children</i>	□ \${hm11}
under 5 from the list:	□ \${hm12}
	□ \${hm13}
	□ \${hm14}
	□ \${hm15}
	□ \${hm16}
	□ \${hm17}
	□ \${hm18}
	□ \${hm19}
	□ \${hm20}
	□ \${hm21}
	□ \${hm22}

	·
	□ \${hm23}
	□ \${hm24}
	□ \${hm25}
	○ \${hm1}
	○ \${hm2}
	○ \${hm3}
	○ \${hm4}
	○ \${hm5}
	○ \${hm6}
	○ \${hm7}
	○ \${hm8}
	○ \${hm9}
	○ \${hm10}
D02: Please select the name of the <u>primary caregiver</u>	○ \${hm11}
for " <u>\${D01}</u> "	○ \${hm12}
If the primary caregiver is not available, please	○ \${hm13}
return (select the back arrow) to question D01 and unselect that child. All primary caregivers and	○ \${hm14}
children must be on the household roster.	○ \${hm15}
emaren must be on the nousehold roster.	○ \${hm16}
	○ \${hm17}
	○ \${hm18}
	○ \${hm19}
	○ \${hm20}
	○ \${hm21}
	○ \${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
D03: Does the "primary caregiver" give consent to	Yes, I agree to participate in the this module
participate in Module D1: Children's Nutritional	○ No, I do not agree to participate in ths
Status and Feeding Practices and Module D2:	module
Children's Diarrhea and Oral Rehydration Therapy?	O Household Member was not available
D07: How old is "\${D01}" in complete years?	
Must record completed years. If the child is 1 year	
and 11 months old, please record the child as "1"	
year old. If the child is 4 years and 11 months old	
please record the child as "4" years old. If the child is	
less the a year please record "0" If the child is 5 years or older please enter -10, and you will be prompted	
to the next eligible child or the next Module	
	Yes
D08: Are you (or anyone in HH) receiving food	○ No
rations as part of Njira Project and/or UBALE Project	

activities? Or have you received food rations in the past from the project?	○ Don't know○ Refused
D09: Please specify from where?	
D10: Are you (or anyone in HH) participating in nutrition training/meetings organized as part of Niira Project or UBALE Project activities? Or have you participated nutrition activities in the past?	○ Yes○ No○ Don't know○ Refused
Exclusive Breast Feeding and Minimum Acceptable Diet	
D16 : Has " <u>\${D01}</u> " ever been breastfed?	○ Yes○ No○ Don't know○ Refused
D17: Was "\${D01}" breastfed yesterday during the day or night ?	○ Yes○ No○ Don't know○ Refused
D18. Did "\${D01}" consume breast milk in any of these ways yesterday during the day or at night? Sometimes babies are breastfed by another woman or given breast milk from another woman by spoon, cup, bottle, or some other way. This can happen if a mother cannot breastfeed her own baby for various reasons, such as the mother is sick or away, has mastitis, etc.	○ Yes○ No○ Don't know○ Refused
Now I would like to ask you about some medicines and vitamins that are sometimes given to infants.	
D19: Was "\$\frac{5}{D01}\]" given any vitamin drops or other medicines as drops yesterday during the day or at night?	○ Yes○ No○ Don't know○ Refused
D20: Was "\${D01}" given oral rehydration solution yesterday during the day or at night?	○ Yes○ No○ Don't know○ Refused
Next I would like to ask you about some liquids that "\${D01}" may have had yesterday during the night or at day. Did "\${D01}" have:	
D21: Did " <u>\${D01}</u> " have plain water?	○ Yes ○ No

	O = 1:1
	O Don't know
	Refused
D22: Did " <u>\${D01}</u> " have any kind of infant formula?	○ Yes
If the respondent is unsure of what is meant by	○ No
"infant formula" then probe with brand names such	O Don't know
as Nani, SMA, Nestle, Enfamil, Isomil, Lactogen?	Refused
D23: How many times yesterday during the day or at night did "\${D01}" consume any formula?	
	○ Yes
D24: Did "\${D01}" have any milk such as tinned,	○ No
powdered or fresh animal milk?	O Don't know
	Refused
D25: How many times yesterday during the day or at night did "\$\{D01\}" consume any milk?	
	○ Yes
D26: Did "\$\{D01\}" have any juice or juice drinks (e.g.,	○ No
Mazoe, Sobo Squash), including sodas, cream sodas,	O Don't know
etc.?	○ Refused
	○ Yes
	○ No
D27: Did " <u>\${D01}</u> " have any clear broth?	O Don't know
	○ Refused
	○ Yes
D20. D:4 "¢(D01)" beve an vice out /vee:2	○ No
D28: Did "\$\{D01\}" have any yogurt/yogi?	O Don't know
	Refused
D29: How many times yesterday during the day or at	
night did "\${D01}" consume any yogurt?	
D30: Did " <u>\${D01}</u> " have any thin porridge? (PROBES:	
gruel, Gerber, Cerelac, Ace, Nestum, Cerevita, Purity)	○ Yes
Limit to porridge mixed very thin or thick drinks	○ No
made from cereal (For example: Gruel, Gerber,	O Don't know
Cerelac, Ace, Nestum, Cerevita, Purity). Thicker less	○ Refused
liquid porridge is included under item D33.	
D31: Any other liquids?	○ Yes
PROBES: Gripe water, glucose water, sugar water?	○ No
PROBES: Gripe water, madzi opatsa mphamvu	O Don't know
(glucose water) kapena madzi ashuga?	○ Refused
Next I would like to ask you about (other) liquids or	
foods that "\${D01}" ate yesterday during the day or	
at night. I am interested in whether your child had	

the item even if it was combined with other foods. For example, if "\${D01}" ate a rice porridge made with a mixed vegetable sauce, you should reply yes to any food I ask about that was an ingredient in the porridge or sauce. Please do not include any food used in a small amount for seasoning or condiments (like chilies, spices, herbs, or fish powder). I will ask you about those foods separately. Yesterday, during the day and night, did "\${D01}" eat any of the following:	
D33: Yesterday, during the day and night, did "\${D01}" eat or drink any bread, savory biscuits, porridge, crackers, pasta, noodles, rice, or other foods made from grains such as corn, wheat, millet, sorghum, bulgar, wheat, barley?	YesNoDon't knowRefused
D34a: Yesterday, during the day and night, did "\${D01}" eat or drink any orange-fleshed sweet potatoes or foods made from orange-fleshed sweet potatoes such as porridge, flitters, or stew for example?	YesNoDon't knowRefused
D34b: Yesterday, during the day and night, did "\${D01}" eat or drink any other dark yellow or orange fleshed roots, tubers, or vegetables such as yellow-fleshed sweet potatoes, pumpkin, carrots, or squash?	YesNoDon't knowRefused
D35: Yesterday, during the day and night, did "\${D01}" eat or drink white potatoes, white yams, cassava, plantains or any other foods made from roots?	○ Yes○ No○ Don't know○ Refused
D36a: Yesterday, during the day and night, did "\${D01}" eat or drink any dark green leafy vegetables such as spinach, kale, okra, pumpkin leaves, amaranth leaves or moringa leaves?	YesNoDon't knowRefused
D36b: Yesterday, during the day and night, did "\${D01}" eat or drink any other vegetables, such as green beans, tomatoes, mushrooms, cabbage, cauliflower, broccoli, etc.?	YesNoDon't knowRefused
D37a: Yesterday, during the day and night, did "\${D01}" eat or drink ripe mangos, ripe papaya, apricots, cantaloupe melons, or other fruits that are dark yellow or orange inside?	YesNoDon't knowRefused

D37b: Yesterday, during the day and night, did " <u>\${D01}</u> " eat or drink any fruits like bananas, apples, avocados, pineapples, berries, baobab fruit, etc.?	○ Yes○ No○ Don't know○ Refused
D38a: Yesterday, during the day and night, did " <u>\${D01}</u> " eat any liver, kidney, heart, or other organ meats from domesticated animals such as beef, pork, lamb, goat, chicken, duck, or pigeon?	○ Yes○ No○ Don't know○ Refused
D38b: Yesterday, during the day and night, did "\(\frac{5\{D01\}}{\}"\) eat any meat from domesticated animals such as beef, pork, lamb, goat, chicken, duck, or pigeon?	○ Yes○ No○ Don't know○ Refused
D39a: Yesterday, during the day and night, did "\${D01}" eat any liver, kidney, heart, or other organ meats from wild animals, such as warthogs, buck, kudu, impala, antelopes, crocodile, cats, monkeys, alligators, mice?	○ Yes○ No○ Don't know○ Refused
D39b: Yesterday, during the day and night, did " <u>\${D01}</u> " eat any flesh from wild animals, such as warthogs, buck, kudu, impala, antelopes, crocodile, cats, monkeys, alligators, mice?	○ Yes○ No○ Don't know○ Refused
D40: Yesterday, during the day and night, did "\${D01}" eat eggs? (chicken, turkey, fowl, duck)	○ Yes○ No○ Don't know○ Refused
D41: Yesterday, during the day and night, did "\${D01}" eat fresh or dried fish, shellfish, crabs, or seafood?	○ Yes○ No○ Don't know○ Refused
D42a: Yesterday, during the day and night, did "\${D01}" eat any food made from groundnut or groundnut products such as groundnut flour, peanut butter, roasted groundnuts, boiled groundnut snack, groundnut sauces, or groundnut biscuits?	○ Yes○ No○ Don't know○ Refused
D42b: Yesterday, during the day and night, did " <u>\${D01}</u> " eat any food made from soy or soy products such as soya bean flour, soy milk, soy mash relish, soy flitters, or soy soup?	○ Yes○ No○ Don't know○ Refused
D42c: Yesterday, during the day and night, did " <u>\${D01}</u> " eat any food made from NUA beans such as processed snacks, cakes, fritters, doughnuts and other similar products?	○ Yes○ No○ Don't know○ Refused

D42d: Yesterday, during the day and night, did "\${D01}" eat any food made from beans, peas, lentils, or other legumes?	YesNoDon't knowRefused
D43a: Yesterday, during the day and night, did "\${D01}" eat any food made with sesame or sesame flour?	YesNoDon't knowRefused
D43b: Yesterday, during the day and night did "\${D01}" eat any foods made from other nuts and seeds? Exclude foods made from groundnuts or sesame which belong in above category	○ Yes○ No○ Don't know○ Refused
D44: Yesterday, during the day and night, did "\${D01}" eat or drink milk, soured milk, cheese, yogurt, or other milk products?	YesNoDon't knowRefused
D45: Yesterday, during the day and night, did "\${D01}" eat any oils, fats, butter, or foods made with any of these?	YesNoDon't knowRefused
D46: Yesterday, during the day and night, did "\${D01}" eat any sugary foods such as chocolates, sweets, candies, pastries, doughnuts, cakes, sweet biscuits, or sugar cane?	YesNoDon't knowRefused
D47: Yesterday, during the day and night, did "\${D01}" eat condiments for flavor, such as chilies, spices, herbs, fish powder, or curry, bicarbonate soda/ash used for cooking?	YesNoDon't knowRefused
D48: Yesterday, during the day and night, did "\${D01}" eat edible insects, mopane worms, grasshoppers or flying ants?	YesNoDon't knowRefused
D49: Yesterday, during the day and night, did "\${D01}" eat food made with red palm oil, red palm nut, or red palm nut pulp sauce?	○ Yes○ No○ Don't know○ Refused
D50: Now, I'd just like to verify. Did "\${D01}" eat any solid, semi-solid, or soft foods yesterday during the day or at night?	○ Yes○ No○ Don't know○ Refused

If the respondent answered no to all food questions, but yes to question 50 the survey will automatically aske for a re-check of all food items	
D33a: Yesterday, during the day and night, did "\${D01}" eat or drink any bread, savory biscuits, porridge, crackers, pasta, noodles, rice, or other foods made from grains such as corn, wheat, millet, sorghum, bulgar, wheat, barley?	○ Yes○ No○ Don't know○ Refused
D34aa: Yesterday, during the day and night, did "\${D01}" eat or drink any orange-fleshed sweet potatoes or foods made from orange-fleshed sweet potatoes such as porridge, flitters, or stew for example?	○ Yes○ No○ Don't know○ Refused
D34bb: Yesterday, during the day and night, did "\${D01}" eat or drink any other dark yellow or orange fleshed roots, tubers, or vegetables such as yellow-fleshed sweet potatoes, pumpkin, carrots, or squash?	○ Yes○ No○ Don't know○ Refused
D35a: Yesterday, during the day and night, did "\${D01}" eat or drink white potatoes, white yams, cassava, plantains or any other foods made from roots?	○ Yes○ No○ Don't know○ Refused
D36aa: Yesterday, during the day and night, did "\${D01}" eat or drink any dark green leafy vegetables such as spinach, kale, okra, pumpkin leaves, amaranth leaves or moringa leaves?	○ Yes○ No○ Don't know○ Refused
D36bb: Yesterday, during the day and night, did "\${D01}" eat or drink any other vegetables, such as green beans, tomatoes, mushrooms, cabbage, cauliflower, broccoli, etc.?	○ Yes○ No○ Don't know○ Refused
D37aa: Yesterday, during the day and night, did "\${D01}" eat or drink ripe mangos, ripe papaya, apricots, cantaloupe melons, or other fruits that are dark yellow or orange inside?	○ Yes○ No○ Don't know○ Refused
D37bb: Yesterday, during the day and night, did "\${D01}" eat or drink any fruits like bananas, apples, avocados, pineapples, berries, baobab fruit, etc.?	○ Yes○ No○ Don't know○ Refused
D38aa: Yesterday, during the day and night, did "\${D01}" eat any liver, kidney, heart, or other organ meats from domesticated animals such as beef, pork, lamb, goat, chicken, duck, or pigeon?	○ Yes○ No○ Don't know○ Refused

D38bb: Yesterday, during the day and night, did "\${D01}" eat any meat from domesticated animals such as beef, pork, lamb, goat, chicken, duck, or pigeon?	○ Yes○ No○ Don't know○ Refused
D39aa: Yesterday, during the day and night, did "\${D01}" eat any liver, kidney, heart, or other organ meats from wild animals, such as warthogs, buck, kudu, impala, antelopes, crocodile, cats, monkeys, alligators, mice?	○ Yes○ No○ Don't know○ Refused
D39bb: Yesterday, during the day and night, did "\${D01}" eat any flesh from wild animals, such as warthogs, buck, kudu, impala, antelopes, crocodile, cats, monkeys, alligators, mice?	○ Yes○ No○ Don't know○ Refused
D40a: Yesterday, during the day and night, did "\${D01}" eat eggs? (chicken, turkey, fowl, duck)	○ Yes○ No○ Don't know○ Refused
D41a: Yesterday, during the day and night, did "\${D01}" eat fresh or dried fish, shellfish, crabs, or seafood?	○ Yes○ No○ Don't know○ Refused
D42aa: Yesterday, during the day and night, did "\${D01}" eat any food made from groundnut or groundnut products such as groundnut flour, peanut butter, roasted groundnuts, boiled groundnut snack, groundnut sauces, or groundnut biscuits?	○ Yes○ No○ Don't know○ Refused
D42bb: Yesterday, during the day and night, did "\${D01}" eat any food made from soy or soy products such as soya bean flour, soy milk, soy mash relish, soy flitters, or soy soup?	○ Yes○ No○ Don't know○ Refused
D42cc: Yesterday, during the day and night, did " <u>\${D01}</u> " eat any food made from NUA beans such as processed snacks, cakes, fritters, doughnuts and other similar products?	○ Yes○ No○ Don't know○ Refused
D42dd: Yesterday, during the day and night, did "\${D01}" eat any food made from beans, peas, lentils, or other legumes?	○ Yes○ No○ Don't know○ Refused
D43aa: Yesterday, during the day and night, did "\${D01}" eat any food made with sesame or sesame flour?	○ Yes○ No○ Don't know○ Refused

D43bb: Yesterday, during the day and night did "\${D01}" eat any foods made from other nuts and seeds? Exclude foods made from groundnuts or sesame which belong in above category	○ Yes○ No○ Don't know○ Refused
D44a: Yesterday, during the day and night, did "\${D01}" eat or drink milk, soured milk, cheese, yogurt, or other milk products?	○ Yes○ No○ Don't know○ Refused
D45a: Yesterday, during the day and night, did "\${D01}" eat any oils, fats, butter, or foods made with any of these?	○ Yes○ No○ Don't know○ Refused
D46a: Yesterday, during the day and night, did "\${D01}" eat any sugary foods such as chocolates, sweets, candies, pastries, doughnuts, cakes, sweet biscuits, or sugar cane?	○ Yes○ No○ Don't know○ Refused
D47a: Yesterday, during the day and night, did "\${D01}" eat condiments for flavor, such as chilies, spices, herbs, fish powder, or curry, bicarbonate soda/ash used for cooking?	○ Yes○ No○ Don't know○ Refused
D48a: Yesterday, during the day and night, did "\${D01}" eat edible insects, mopane worms, grasshoppers or flying ants?	○ Yes○ No○ Don't know○ Refused
D49a: Yesterday, during the day and night, did "\${D01}" eat food made with red palm oil, red palm nut, or red palm nut pulp sauce?	○ Yes○ No○ Don't know○ Refused
D51: How many times did "\${D01}" eat solid, semisolid, or soft foods other than liquids yesterday during the day or at night? Please enter "0" if the child has not eaten. Enter -8 for Don't Know; -9 for Refused	
D52: Did "\${D01}" drink anything from a bottle with a nipple yesterday during the day or night?	○ Yes○ No○ Don't know○ Refused
Module D2. Children's Diarrhea and Oral Rehydration Therapy (Primary Caregivers) The term(s) used for diarrhea should encompass the expressions used for all forms of diarrhea, including	

bloody stools (consistent with dysentery), watery stools, etc.	
D54: Has "\${D01}" had diarrhea in the last 2 weeks? Diarrhea is defined as 3 or more watery stools in a day.	○ Yes○ No○ Don't know○ Refused
D55: Was there any blood in the stools?	○ Yes○ No○ Don't know○ Refused
D56: How much was "\${D01}" given to drink during the period that "\${D01}" had diarrhea (including breastmilk)? Hint: Was "\${D01}" given less than usual to drink, about the same amount, or more than usual to drink during the period that "\${D01}" had diarrhea? IF LESS, PROBE: Was he/she given much less than usual to drink or somewhat less?	 ○ Much less ○ Somewhat less ○ About the same ○ More ○ Nothing to drink ○ Don't know ○ Refused to answer
D57: When "\${D01}" had diarrhea, was he/she given less than usual to eat, about the same amount, more than usual, or nothing to eat? IF LESS, PROBE: Was he/she given much less than usual to eat or somewhat less?	 ○ Much less ○ Somewhat less ○ About the same ○ More ○ Stopped food ○ Never gave food ○ Don't know ○ Refused to answer
D58: Did you seek advice or treatment for the diarrhea from any source?	○ Yes○ No○ Refused
D59: Where did you seek advice or treatment?	 □ Public sector □ Mission hospital □ Private medical sector □ Other source □ Does not know □ Refused to answer
D59a. Public Sector	 ○ Central hospital ○ Provincial hospital ○ District hospital ○ Rural hospital ○ Rural health center ○ Urban medical clinic ○ Community/village health worker

	Other public sector location
	O Does not know
	Refused to answer
D59aa. Specify Other	
Enter -8 for Don't Know; -9 for Refused	
	Mission hospital
D59b. Mission Hospital	O Does not know
	Refused to answer
	Private hospital/clinic
	Pharmacy
	O Private doctor
D59c. Private Sector Hospital	○ Specify other private doctor
	O Does not know
	Refused to answer
D59cc. Specify Other	
Enter -8 for Don't Know; -9 for Refused	
	Shop
	○ Traditional practitioner
	Market
D59d. Other Medical Options	Specify other location
	O Does not know
	Refused to answer
D59dd. Specify Other	
Enter -8 for Don't Know; -9 for Refused	
	Central Hospital
	O District Hospital
	○ Village Clinic
	Rural Hospital
	Rural Health Center
	O Urban Municipal Clinic
	○ Commune/Village Health Worker
	Other Public Sector (Specify)
D61: Where did you seek advice or treatment FIRST?	Mission Hospital
	O Pvt. Hospital Clinic
	○ Pharmacy
	O Pvt. Doctor
	Other Private Med. Sector (Specify)
	Shop
	Traditional Practitioner
	○ Market
	Other (Specify)

	O Don't know Refused to answer
Was he/she given any of the following to drink at any time since he/she started having the diarrhea:	O Neruseu to answer
D62a: A fluid made from a special packet called an Oral Rehydration Solution (ORS) sachet to drink at any time?	○ Yes○ No○ Don't know○ Refused
D62b: A home-made sugar salt water solution (SSS) to drink at any time?	○ Yes○ No○ Don't know○ Refused
D63: Was anything (else) given to treat the diarrhea?	○ Yes○ No○ Don't know○ Refused
D64: What (else) was given to treat the diarrhea? Anything else?	 □ Pill or syrup - Antibiotic □ Pill or syrup - Antimotility □ Pill or syrup - Zinc □ Pill or syrup - Other (not antibiotic, antimotility, or zinc) □ Pill or syrup - Unknown pill or syrup □ Injection - Antibiotic □ Injection - Non-antibiotic □ Injection - Unknown injection □ Injection - (IV) Intravenous (drips) □ Home remedy/herbal medicine □ Other (Specify) □ Don't know □ Refused to answer
D64a: Please specify: Enter -8 for Don't Know; -9 for Refused	
All children must be under the age of 5 years old (59 months or younger) If this is a mistake please select the back arrow and enter the correct age of "\${D01}" in question D07	
D65: Why was Module D unable to be completed by the primary caregiver? Consent from the primary caregiver of "\${D01}" is required for module D1 and D2	

Begin Module E. Women's Nutrition, Breastfeeding and Antenatal Care	
Respondent for this module: Only to female respondent Repetitions: Once for each woman aged 15-49 Please refer to the paper tool for the names of the women aged 15-49 who will answer the questions in this section The total number of eligible women between 15-49 years of age is "\${wom_age}"	
	☐ \${hm1}
	□ \${hm2}
	□ \${hm3}
	□ \${hm4}
	□ \${hm5}
	□ \${hm6}
	□ \${hm7}
	□ \${hm8}
	□ \${hm9}
	☐ \${hm10}
E01_sel. Please select the names of ALL the eligible	☐ \${hm11}
Female Respondents as indicated on the paper	□ \${hm12}
household roster	☐ \${hm13}
Total number of eligible women between the age of 15 and 49 years of age from the roster is	□ \${hm14}
"\square \qu	□ \${hm15}
	☐ \${hm16}
	□ \${hm17}
	☐ \${hm18}
	☐ \${hm19}
	☐ \${hm20}
	☐ \${hm21}
	□ \${hm22}
	☐ \${hm23}
	□ \${hm24}
	□ \${hm25}
E02. Does \${E01} give consent to participate in Module E: Women's Nutrition, Breastfeeding and Antenatal Care?	Yes, I agree to participate in the this moduleNo, I do not agree to participate in ths module
Respondents must be between the age of 15-49 years of age	O Household Member was not available
E03. In what month and year were you born?	Day:

	Month:
	Year:
E04. Please tell me how old you are. What was your age at your last birthday? Enter -8 for Don't Know; -9 for Refused If the respondent is NOT between 15-49 years of age please enter "-10" and move on to question E46	
E05. Are you between the ages of 15 and 49 years of age.	○ Yes○ No○ Don't know○ Refused
D65: Why was Module e unable to be completed by the primary caregiver?	
Now I would like to ask you about liquids or foods that you ate yesterday during the day or at night. I am interested in whether you had the item even if it was combined with other foods. For example, if you ate a millet porridge made with a mixed vegetable sauce, you should reply yes to any food I ask about that was an ingredient in the porridge or sauce. Please do not include any food used in a small amount for seasoning or condiments (like chilies, spices, herbs, or fish powder), I will ask you about those foods separately.	
E07: Yesterday during the day or night did you drink/eat any bread, biscuits (savory), porridge, crackers, pasta, noodles, rice, or other foods made from grains such as corn, wheat, millet, sorghum, bulgar, wheat, barley?	○ Yes○ No○ Don't know○ Refused
E08a: Yesterday during the day or night did you drink/eat any orange-fleshed sweet potatoes, or foods made from orange-fleshed sweet potatoes such as porridge, flitters, or stew for example?	YesNoDon't knowRefused
E08b: Yesterday during the day or night did you drink/eat any other dark yellow or orange fleshed roots, tubers, or vegetables such as yellow-fleshed sweet potatoes, pumpkin, carrots, or squash?	YesNoDon't knowRefused
E09: Yesterday during the day or night did you drink/eat white potatoes, white yams, cassava, plantains, or any other foods made from roots?	YesNoDon't knowRefused

E10: Yesterday during the day or night did you drink/eat any dark green leafy vegetables such as spinach, kale, okra, pumpkin leaves, amaranthas leaves or moringa leaves?	○ Yes○ No○ Don't know○ Refused
E11: Yesterday during the day or night did you drink/eat any other vegetables, like green beans, tomatoes, mushrooms, cabbage, cauliflower, broccoli, etc.?	○ Yes○ No○ Don't know○ Refused
E12: Yesterday during the day or night did you drink/eat ripe mangos, ripe papaya, apricots, cantaloupe melons, or other fruits that are dark yellow or orange inside?	○ Yes○ No○ Don't know○ Refused
E13: Yesterday during the day or night did you drink/eat any other fruits like bananas, apples, avocados, pineapples, berries, baobab fruit, etc.?	○ Yes○ No○ Don't know○ Refused
E14: Yesterday during the day or night did you drink/eat any liver, kidney, heart, or other organ meats from domesticated animals such as beef, pork, lamb, goat, chicken, duck or pigeon?	○ Yes○ No○ Don't know○ Refused
E15: Yesterday during the day or night did you drink/eat any meat from domesticated animals such as beef, pork, lamb, goat, chicken, duck, or pigeon?	○ Yes○ No○ Don't know○ Refused
E16: Yesterday during the day or night did you drink/eat any liver, kidney, heart, or other organ meats from wild animals, such as warthogs, buck, kudu, impala, antelopes, crocodile, cats, monkeys, alligators, and mice	○ Yes○ No○ Don't know○ Refused
E17: Yesterday during the day or night did you drink/eat any flesh from wild animals, such as warthogs, buck, kudu, impala, antelopes, crocodile, cats, monkeys, alligators, and mice?	○ Yes○ No○ Don't know○ Refused
E18: Yesterday during the day or night did you drink/eat any eggs? (chicken, turkey, fowl, duck)	○ Yes○ No○ Don't know○ Refused
E19: Yesterday during the day or night did you drink/eat any fresh or dried fish, shellfish, crabs or seafood?	○ Yes○ No○ Don't know○ Refused

E20a: Yesterday during the day or night did you drink/eat any food made from groundnut or groundnut products such as groundnut flour, peanut butter, roasted groundnuts, boiled groundnut snack, groundnut sauces, or groundnut biscuits?	○ Yes○ No○ Don't know○ Refused
E20b: Yesterday during the day or night did you drink/eat any foods made from soy or soy products such as soya bean flour, soy milk, soy mash relish, soy flitters, or soy soup?	○ Yes○ No○ Don't know○ Refused
E20c: Yesterday during the day or night did you drink/eat any foods made from NUA beans such as processed snacks, cakes, fritters, doughnuts and other similar products?	○ Yes○ No○ Don't know○ Refused
E20d: Yesterday during the day or night did you drink/eat any foods made from beans, peas, lentils, or other legumes?	○ Yes○ No○ Don't know○ Refused
E21a: Yesterday during the day or night did you drink/eat any foods made from sesame or sesame flour?	○ Yes○ No○ Don't know○ Refused
E21b: Yesterday during the day or night did you drink/eat any foods made from other nuts and seeds? Exclude foods made from groundnuts or sesame seeds, which belong in the above categories.	○ Yes○ No○ Don't know○ Refused
E22: Yesterday during the day or night did you drink/eat any milk, soured milk, cheese, yogurt, or other milk products?	○ Yes○ No○ Don't know○ Refused
E23: Yesterday during the day or night did you drink/eat any oils, fats, butter, or foods made with any of these? Include groundnut oil and sesame oil.	○ Yes○ No○ Don't know○ Refused
E24: Yesterday during the day or night did you drink/eat any sugary foods such as chocolates, sweets, candies, pastries, doughnuts, cakes, sweet biscuits, or sugar cane?	○ Yes○ No○ Don't know○ Refused
E25: Yesterday during the day or night did you drink/eat any condiments for flavor, such as chilies, spices, herbs, fish powder, or curry, bicarbonate soda/ash used for cooking?	○ Yes○ No○ Don't know○ Refused

E26: Yesterday during the day or night did you drink/eat any edible insects, mopane worms, grasshoppers, or flying ants?	○ Yes○ No○ Don't know○ Refused
E27: Yesterday during the day or night did you drink/eat any foods made with red palm oil, red palm nut, or red palm nut pulp sauce?	○ Yes○ No○ Don't know○ Refused
Now I would like to ask you about pregnancies and births you may have had.	
E28: Are you currently pregnant?	○ Yes○ No○ Don't know○ Refused
E29: Have you ever been pregnant?	○ Yes○ No○ Don't know○ Refused
E30: Have you ever given birth?	○ Yes○ No○ Don't know○ Refused
E31: When was the last time you gave birth to a boy or girl who was born alive? If the respondent does not know the birthdate ask: do you have a health/vaccination card for that child with birthdate recorded? If the health/vaccination card is shown, record the date of birth as documented on the card.	Day: Month: Year:
E31a: Check answer to Question 31: Did the respondent's last live birth occur within the past 5 years? That is, since July 2014? This question is a check, please don't ask the respondent this question The child MUST be a member of the household and on the household roster list If the child is deceased, enter "NO"	 Yes No Don't Know Refused Child is not part of the household
E32: What is the name of your child who was born last? All children must be part of the Household Roster, if the child is not part of the household please select the back arrow and re-answer E31a "Child is not part of the household"	<pre> \$\{\text{hm1}\} \$\{\text{hm2}\} \$\{\text{hm3}\} \$\{\text{hm4}\} \$\{\text{hm5}\} \$\{\text{hm6}\} }</pre>

	○ \${hm7}
	○ \${hm8}
	○ \${hm9}
	○ \${hm10}
	○ \${hm11}
	○ \${hm12}
	○ \${hm13}
	○ \${hm14}
	○ \${hm15}
	○ \${hm16}
	○ \${hm17}
	○ \${hm18}
	○ \${hm19}
	○ \${hm20}
	○ \${hm21}
	○ \${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
	○Yes
	○ No
E34: Did you ever breastfeed your child?	O Don't know
	Refused
	○ Immediately
E35: How long after birth did you first put your child	O Hours afterwards
to the breast?	O Days afterwards
E35a: RECORD number of "HOURS" before breastfeeding	
Please convert hours to days. 24 hours = 1 day	
E35b: RECORD number of "DAYS" before breastfeeding	
	○ Yes
E36: In the first three days after delivery, was your	○ No
child given anything to drink other than breast milk?	O Don't know
	Refused
	☐ Milk (other than breast milk)
	☐ Plain water
E37: What was your child given to drink?	☐ Sugar or glucose water
Probe to identify each type of drink and select all mentioned.	☐ Gripe water
	 □ Sugar-salt-water solution
	☐ Fruit juice

	☐ Infant formula
	☐ Tea/infusion
	□ Coffee
	☐ Honey
	☐ Other (Specify)
	□ Don't know
	☐ Refused to answer
E37a: Please specify:	
	○ Yes
E38: Did you see anyone for antenatal care during	○ No
the pregnancy?	O Don't know
	Refused
	□ Doctor
	☐ Nurse/midwife
	☐ Nurse aid
E39: Whom did you see?	☐ Traditional birth attendant/Village health
Probe to identify each type of caregiver and select all	worker
mentioned. Respondents may think a nurse is always	☐ Heath Surveillance Assistant
a woman and a doctor a man. Probe to identify each appropriately.	☐ Patient/Ward Attendant
appropriately.	☐ Other (Specify)
	☐ Don't Know
	☐ Refused
E39a: Please specify:	
E33a. Flease specify.	
	☐ Government Hospital
	☐ Government Clinic
E40: Where did you receive antenatal care for this	☐ Private Hospital
	☐ Mission Hospital
	☐ Privat Maternity
pregnancy?	☐ Government Facility (Health Center, Out-
Probe to identify each type of facility and select all	Reach Clinic, Inc. Mobile)
mentioned.	☐ Home Of Traditional Birth Attendant
	☐ Your Home
	☐ Other (Specify)
	☐ Don't Know
	☐ Refused
540 Name of the	
E40a: Please specify:	

E41: How many months pregnant were you when you first received antenatal care during this pregnancy?	
Please select between 1 and 9 months	
E42: How many times did you receive antenatal care during this pregnancy?	
I would now like to ask a couple of questions about your sexual and reproductive health.	
E43a: What sources of information regarding sexual and reproductive health have you accessed in the past 12 months? Select all that apply.	☐ Friends ☐ Mother ☐ Aunts/Other Female Relative ☐ Spouse/Partner ☐ Other Boys/Men ☐ Initiation Ceremony ☐ School Curriculum ☐ Hospital ☐ Radio ☐ Community Health Assistant ☐ Other (Specify) ☐ Did Not Access Any Information ☐ Don't know ☐ Refused to answer
E43aa: Please Specify	
E43b: Which source did you use most often?	 ○ Friends ○ Mother ○ Aunts/Other Female Relative ○ Spouse/Partner ○ Other Boys/Men ○ Initiation Ceremony ○ School Curriculum ○ Hospital ○ Radio ○ Community Health Assistant ○ Other ○ Did Not Access Any Information ○ Don't know ○ Refused to answer
E43bb: Please Specify	

Please rank the importance of the following practices to be well and healthy in preparation for pregnancy:	
E44a: Eating a variety of foods.	Very unimportantSomewhat unimportantNeither important nor unimportantSomewhat importantVery important
E44b: Taking vitamins, including iron and folate.	Very unimportantSomewhat unimportantNeither important nor unimportantSomewhat importantVery important
E44c: Staying a healthy weight.	Very unimportantSomewhat unimportantNeither important nor unimportantSomewhat importantVery important
E44d: Seeking treatment for vaginal problems.	Very unimportantSomewhat unimportantNeither important nor unimportantSomewhat importantVery important
E44e: Avoiding unwanted pregnancies.	Very unimportantSomewhat unimportantNeither important nor unimportantSomewhat importantVery important
E44f: Birth spacing	Very unimportantSomewhat unimportantNeither important nor unimportantSomewhat importantVery important
E46: Are you currently married or living together?	○ Yes○ No○ Refused
E47: Are you or your partner currently doing something or using any method to delay or avoid getting pregnant?	○ Yes○ No○ Don't know○ Refused
E48: Which method are you using? Select all methods mentioned.	☐ Female sterilization ☐ Male sterilization

	□IUD
	☐ Injectables
	☐ Implants
	□ Pill
	☐ Condom
	☐ Female condom
	☐ Emergency contraception
	☐ Standard days method
	☐ Lactational amen method
	☐ Rhythm method
	☐ Withdrawal
	☐ Other modern method
	☐ Other traditional method
	☐ Don't know
	☐ Refused
Module J. Gender - Cash (All Men and Women who Earned Cash)	
Respondents for this module: All cash earners who	
are married or living together Repetitions: Once for	
each male and female cash earner Total number of	
eligible farmers is "\${cash_count}"	
	□ \${hm1}
	☐ \${hm2}
	☐ \${hm3}
	☐ \${hm4}
	□ \${hm5}
	□ \${hm6}
	□ \${hm7}
J01_sel. Please select the names the household	☐ \${hm8}
members who earned cash as indicated on the paper	□ \${hm9}
household roster	☐ \${hm10}
All men and women who earned cash Total number of eligible cash earners is "\\$\{cash_count\}\"	□ \${hm11}
of engible cush earliers is <u>steash_countr</u>	□ \${hm12}
	□ \${hm13}
	□ \${hm14}
	☐ \${hm15}
	☐ \${hm16}
	☐ \${hm17}
	□ \${hm18}
	□ \${hm19}

	□ \${hm20}
	□ \${hm21}
	□ \${hm22}
	□ \${hm23}
	□ \${hm24}
	□ \${hm25}
	Yes, I agree to participate in the this module
	No, I do not agree to participate in the
J01a. Does "\$\frac{5}{J01}\frac{1}{J01} consent to continue?	module
	O Household Member was not available
	Married or living together
100 0	O Divorced/separated
JO2: Respondents martial status	○ Widowed
Eligible household member for Module J, must be married or living together.	O Never married and never lived together
married or living together.	O Don't Know
	Refused
J13: Why was "\${J01}" unable to complete the	
survey	
J03: Have you done any work in the past 12 months?	
Hint: Work includes jobs in the formal and/or	
informal sector, full time, part time, or seasonal work	
that is done within and/or outside the home. It includes, but is not limited to agricultural daily wage	
labor, off-farm daily wage labor, income generation	
activities, sale of goods produced or processed	
outside the home or at the home, homestead garden	Yes
or farm (e.g., vegetables, eggs, fish, livestock,	○ No
artisanal goods), or petty trading. Hint: For this	O Don't know
indicator, work does not include participating in cash	Refused
for work, food for work, or conditional transfers and/or productive safety net programs. It does not	
include either caring for own children, cooking,	
cleaning or doing other routine chores for own	
household (e.g., fetching water, collecting firewood)	
or being involved in agricultural production solely for	
household consumption.	
	Cash only
J04: During the past 12 months, were you usually	Cash and in-kind
paid in cash or in-kind for this work or were you not	○ In-kind only
paid at all?	Not paid
	O Don't know
	Refused

J05: When you were paid in cash for this work, was the payment usually made directly to you, to your spouse/partner or to someone else in your household?	RespondentSpouse/partnerSomeone else in HH (specify)Other (Specify)Refused
J05a: What is the relationship of this hh member to "\${J01}"?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
J05b: What is the relationship of this person to "\${J01}"? Enter -8 for Don't Know; -9 for Refused	
J06: Do you usually discuss with someone about how the cash you earn will be used?	○ Yes○ No○ Don't know○ Refused
J07: With whom do you usually talk about how the cash you earn will be used? Select all that apply.	 □ Spouse/partner □ Someone else in HH (specify relationship) □ Other (Specify) □ Refused
J07a: What is the relationship of this hh member to " $\frac{1001}{100}$ "?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
J07b: What is the relationship of this person to "\${J01}"?	
Enter -8 for Don't Know; -9 for Refused	

J08: Who usually decides how the cash you earn will be used? Read all responses and select only one.	 ○ Respondent ○ Spouse/partner ○ Yourself (respondent) and spouse/partner jointly ○ Yourself (respondent) and other jointly (specify) ○ Other (specify) ○ Refused
J08a: What is the relationship of this hh member to " $\frac{5}{J01}$ "?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
J08b: What is the relationship of this person to "\${J01}"?	
J09: Who usually makes decisions about making major household purchases? Read all responses and select only one.	 ○ Respondent ○ Spouse/partner ○ Yourself (respondent) and spouse/partner jointly ○ Yourself (respondent) and other jointly (specify) ○ Other (specify) ○ Refused
J09a: What is the relationship of this hh member to " $\frac{5{J01}}{7}$ "?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
J09b: What is the relationship of this person to "\${J01}"?	

Enter -8 for Don't Know; -9 for Refused	
Module K. Gender - MCHN (All Men and Women with Child Under 2 Years) Respondents for this module: Biological parents of a child under the age of 2 years of age (23 months are younger) Total number of biological parents with children under 2 years is "\${biopar_count}"	
K01_sel: Please select the names the household members who have a child under 2 years All Men and Women with Child Under 2 Years Total number of eligible biological parents with a child under the age of 2 years living in the household is "\$\frac{1}{5}\line{\text{biopar count}}\right" Total number of children under the age of two years (23 months or younger) living in the household is "\$\frac{1}{5}\line{\text{kid count2}}\right"	□ \${hm1} □ \${hm3} □ \${hm4} □ \${hm5} □ \${hm6} □ \${hm7} □ \${hm8} □ \${hm9} □ \${hm10} □ \${hm11} □ \${hm12} □ \${hm13} □ \${hm14} □ \${hm15} □ \${hm16} □ \${hm17} □ \${hm18} □ \${hm20} □ \${hm21} □ \${hm22} □ \${hm23} □ \${hm24} □ \${hm25}
K01a: Does "\${K01}" consent to continue?	 Yes, I agree to participate in the this module No, I do not agree to participate in ths module Household Member was not available
K02: Is "\${K01}" a male or female	○ Male○ Female
K03: What is the marital status of "\${K01}"	○ Married or living together○ Divorced/separated

	Widowed
	O Never married and never lived together
	O Don't Know
	Refused
	○ Yes
K04: "\${K01}": Do you have any children under 2	ONO
years age?	O Don't Know
, ,	Refused
	Child is not part of the household
	□ \${hm1}
	□ \${hm2}
	□ \${hm3}
	□ \${hm4}
	□ \${hm5}
	□ \${hm6}
	□ \${hm7}
	□ \${hm8}
	□ \${hm9}
	□ \${hm10}
K04a: "\${K01}": What is the name of your child under	□ \${hm11}
2 years of age?	□ \${hm12}
All children must be part of the Household Roster, if	□ \${hm13}
the child is not part of the household please select	□ \${hm14}
the back arrow and re-answer KO4 - "Child is not part	
of the household"	□ \${hm15}
	□ \${hm16}
	□ \${hm17}
	□ \${hm18}
	□ \${hm19}
	□ \${hm20}
	□ \${hm21}
	□ \${hm22}
	□ \${hm23}
	□ \${hm24}
	□ \${hm25}
K16: Why was "\${K01}" unable to complete the	
survey	
K05: How many times should a pregnant woman go	
for antenatal check-ups during the pregnancy?	
Enter -8 for Don't Know; -9 for Refused	

K05a: In your opinion, do you think pregnant women, overall, need to eat more, less or the same amount of food as they did before they got pregnant?	○ More○ Less○ Same○ Don't know○ Refused
K06: How long after birth should a mother first put her baby to the breast?	 ☐ Immediately ☐ Less than 1 hour after delivery ☐ Some hours later but less than 24 hours ☐ 1 day later ☐ More than 1 day later ☐ Baby should not be breastfed ☐ Don't know ☐ Refused
K07: At what age should a breast-fed child be introduced to semi-solid or solid foods? Age in months. Enter -8 for Don't Know; -9 for Refused	
Questions K08-K16 will only apply to respondents who are married or living together. If the respondent is not married/living together, you will be prompted to the next eligible biological parent of a child under 2 years of age or you will move on to Module H1.	
K08: Is there someone with whom you usually discuss your or your child's health and nutrition? FEMALE RESPONDENT	○ Yes○ No○ Don't know○ Refused
K09: With whom do you usually discuss this? FEMALE RESPONDENT: Select all that apply.	 □ Spouse/partner □ Someone else in HH (specify relationship) □ Other (Specify) □ Refused
K09a: What is the relationship of this person to "\${K01}"??	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused

K09b: What is the relationship of this person to "\${K01}"??	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
K10: Is there someone with whom you usually discuss your spouse/partner's or your child's health and nutrition? MALE RESPONDENT	○ Yes ○ No
K11: With whom do you usually discuss this? MALE RESPONDENT: Select all that apply.	□ Spouse/partner□ Someone else in HH (specify relationship)□ Other (Specify)□ Refused
K11a: What is the relationship of this person to $\frac{5\{K01\}}{7}$?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
K11b: What is the relationship of this person to "\${K01}"??	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused

	Respondent
	○ Spouse/partner
K12: Who usually makes decisions about your health	○ Yourself (respondent) and spouse/partner
and nutrition?	jointly
FEMALE RESPONDENT: Read all responses and select	Yourself (respondent) and other jointly
only one.	(specify)
•	Other (specify)
	Refused
	O Daughter/Son
	O Daughter/Son-in-Law
	Grandchild
	Parent
	Parent-in-Law
K12a: What is the relationship of this person to	Brother/Sister
" <u>\${K01}</u> "??	Other Relative
	Adopted/Foster/Stepchild
	Not Related
	O Don't Know
	Refused
	O Daughter/Son
	Orandahild
	Grandchild
	O Parent
K12b: What is the relationship of this person to	Parent-in-Law
" <u>\${K01}</u> "?	Other Polatice
	Other Relative
	Adopted/Foster/Stepchild
	O Not Related
	O Don't Know
	Refused
	Respondent
	○ Spouse/partner
K13: Who usually makes decisions about your	Yourself (respondent) and spouse/partner
spouse/partner's health and nutrition MALE RESPONDENT: Read all responses and select only one.	jointly
	Yourself (respondent) and other jointly
	(specify)
	Other (specify)
	Refused
K13a: What is the relationship of this person to "\${K01}"?	O Daughter/Son
	O Daughter/Son-in-Law
	○ Grandchild
	O Parent
	O Parent-in-Law

	O Brother/Sister
	Other Relative
	○ Adopted/Foster/Stepchild
	○ Not Related
	O Don't Know
	○ Refused
	O Daughter/Son
	O Daughter/Son-in-Law
	○ Grandchild
	Parent
	Parent-in-Law
K13b: What is the relationship of this person to	O Brother/Sister
" <u>\${K01}</u> "?	Other Relative
	Adopted/Foster/Stepchild
	Not Related
	O Don't Know
	Refused
	Respondent
	○ Spouse/partner
K14: Who usually makes decisions about your child's	Yourself (respondent) and spouse/partner
health and nutrition?	jointly
Read all responses and select only one.	Yourself (respondent) and other jointly
,	(specify)
	Other (specify)
	Refused
	O Daughter/Son
	O Daughter/Son-in-Law
	○ Grandchild
	O Parent
V14a, What is the relationship of this person to	O Parent-in-Law
K14a: What is the relationship of this person to "\$\{K01\}"?	O Brother/Sister
<u>31K011</u> :	Other Relative
	○ Adopted/Foster/Stepchild
	○ Not Related
	O Don't Know
	○ Refused
	○ Daughter/Son
K14b: What is the relationship of this person to "\${K01}"?	O Daughter/Son-in-Law
	○ Grandchild
	Parent
	O Parent-in-Law
	○ Brother/Sister
	Other Relative
	1

	○ Adopted/Foster/Stepchild○ Not Related○ Don't Know○ Refused
K15: Who usually makes decisions about making major household purchases? Read all responses and select only one.	Respondent Spouse/partner Yourself (respondent) and spouse/partner jointly Yourself (respondent) and other jointly (specify) Other (specify) Refused
K15a: What is the relationship of this person to "\${K01}"?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
K15b: What is the relationship of this person to "\${K01}"?	 ○ Daughter/Son ○ Daughter/Son-in-Law ○ Grandchild ○ Parent ○ Parent-in-Law ○ Brother/Sister ○ Other Relative ○ Adopted/Foster/Stepchild ○ Not Related ○ Don't Know ○ Refused
MODULE H1.1. FOOD CONSUMPTION OVER PAST 7 DAYS Respondents for this module: Household members responsible for food preparation in the household.	
Total number of eligible farmers is "{\$prep_count}" Read to respondent: Now I would like to ask you about the kinds of foods that you and other members of your household have eaten over the past week. I'd also like to ask you about items that	

Food Asset Group 1	
H03: Why was "\${H01}" unable to complete the survey	
H02: Does "\${H01}" give consent to continue?	Yes, I agree to participate in the this moduleNo, I do not agree to participate in ths moduleHousehold Member was not available
H01. Please select the name of the person in charge of food preparation in last 7 days (same person as Module C)	<pre> \${hm1} \${hm2} \${hm3} \${hm4} \${hm5} \${hm6} \${hm6} \${hm7} \${hm8} \${hm9} \${hm10} \${hm11} \${hm12} \${hm13} \${hm14} \${hm15} \${hm16} \${hm16} \${hm17} \${hm18} \${hm18} \${hm2} \${hm2}</pre>
you or members of your household may have bought in the past week. Please include foods in meals that are shared with other members of the household, as well as foods that individual members of the household may have consumed independently of other family members. First, we will ask about foods that were eaten at your home, or at the home of friends or other family. Later we will ask about foods that were purchased already prepared from a restaurant or a vendor.	

Dummy Q.	 ○ 1.1 ○ 1.2 ○ 1.3 ○ 1.4 ○ 1.5 ○ 1.6 ○ 1.7 ○ 1.8 ○ 1.9 ○ 1.10 ○ 1.11 ○ 1.12 ○ 1.13 ○ 1.14 ○ 1.15 ○ 1.16
Dummy Q.	 ○ Maize ufamgaiwa (normal flour) ○ Maize ufa refined (fine flour) ○ Maize ufamadeya (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
Item Code: \${H1.1_code}	
H1.1.1: Over the past 7 days, did you or others in your household consume any \${item_H1.1}? H1.1.2: How much \${item_H1.1} in total did your household consume in the past 7 days? Enter = 8 for Don't Know: = 9 for Refused	YesNoDon't knowRefused
Enter -8 for Don't Know; -9 for Refused H1.1.3: Indicate in what unit the respondent gave their answer	○ Kilogramme○ 50 Kg. Bag

	 ○ 90 Kg. Bag ○ Pail (Small) ○ Pail (Medium) ○ Pail (Large) ○ No. 10 Plate (Flat) ○ No. 10 Plate (Heaped) ○ No. 12 Plate (Flat) ○ No. 12 Plate (Heaped) ○ Bunch (Small) ○ Bunch (Medium)
	○ Bunch (Large)○ Piece (Small)○ Piece (Medium)○ Piece (Large)
	○ Heap Small)○ Heap (Medium)○ Heap (Large)○ Bale
	○ Basket (Dengu) (Shelled)○ Basket (Dengu) (Unshelled)○ Ox-Cart (Unshelled)
	○ Litre○ Cup○ Tin○ Gram
	○ Millilitre○ Teaspoon○ Basin
	○ Sachet/Tube○ Total/Number○ Other (Specify)○ Don't know
	Refused
H1.1.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.1.4: How much \${item_H1.1} in total did your household consume in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.1.2}"	
H1.1.5: Indicate in what unit the respondent gave their answer	○ Kilogramme○ 50 Kg. Bag

	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)
	○ No. 10 Plate (Heaped)
	No. 12 Plate (Flat)
	No. 12 Plate (Heaped)
	Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	Piece (Small)
	Piece (Medium)
	Piece (Large)
	O Heap Small)
	Heap (Medium)
	Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	Gram
	Millilitre
	○ Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.1.5a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.1.6: How much did you spend on the	
\${item_H1.1} consumed in the Past 7 days?	
If your family ate part but not all of something you	
purchased estimate what you spend only on the part	
that was consumed. Indicate in KWACHA (MK) Enter	
-8 for Don't Know; -9 for Refused	

H1.1.7: How much \${item_H1.1} came from your own production? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.1.2}" Total amount purchased is "\${H1.1.4}"	
H1.1.8: Indicate in what unit the respondent gave their answer	 ○ Kilogramme ○ 50 Kg. Bag ○ 90 Kg. Bag ○ Pail (Small) ○ Pail (Medium) ○ Pail (Large) ○ No. 10 Plate (Flat) ○ No. 12 Plate (Heaped) ○ No. 12 Plate (Heaped) ○ Bunch (Small) ○ Bunch (Medium) ○ Bunch (Large) ○ Piece (Small) ○ Piece (Medium) ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Dx-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know ○ Refused
H1.1.8a: Please specify Enter -8 for Don't Know; -9 for Refused	

H1.1.9: How much would it have cost to buy that much \${item_H1.1} if you had to purchase it in the market today? Enter -8 for Don't Know; -9 for Refused Indicate in	
KWACHA (MK)	
H1.1.10: How much \${item_H1.1} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.1.2}" Total amount purchased is "\${H1.1.4}" Total amount produced is "\${H1.1.7}"	
H1.1.11: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ◯ Bale ◯ Basket (Dengu) (Shelled) ◯ Dx-Cart (Unshelled) ◯ Litre ◯ Cup ◯ Tin ◯ Gram ◯ Millilitre ◯ Teaspoon ◯ Basin ○ Sachet/Tube ◯ Total/Number ◯ Other (Specify)

	○ Don't know○ Refused
H1.1.11a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.1.12: How much would it have cost to buy that much \${item_H1.1} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 2	
Dummy Q.	○ 2.1 ○ 2.2 ○ 2.3 ○ 2.4 ○ 2.5 ○ 2.6 ○ 2.7 ○ 2.8
Dummy Q.	 Cassava tubers Cassava flour White sweet potato Orange sweet potato Irish potato Potato crisps Plantain, cooking banana Cocoyam (masimbi)
Item Code: \${H1.2_code}	
H1.2.1: Over the past 7 days, did you or others in your household consume any \${item_H1.2}?	○ Yes○ No○ Don't know○ Refused
H1.2.2: How much \${item_H1.2} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.2.3: Indicate in what unit the respondent gave their answer	 ○ Kilogramme ○ 50 Kg. Bag ○ 90 Kg. Bag ○ Pail (Small) ○ Pail (Medium) ○ Pail (Large) ○ No. 10 Plate (Flat)

	O No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	O Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	○ Heap Small)
	○ Heap (Medium)
	○ Heap (Large)
	○ Bale
	○ Basket (Dengu) (Shelled)
	○ Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	Cup
	○ Tin
	Gram
	Millilitre
	Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.2.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.2.4: How much \${item_H1.2} in total did your	
household consume in the past 7 days came from	
purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.2.2}"	
	Kilogramme
H1.2.5: Indicate in what unit the respondent gave	○ 50 Kg. Bag
	○ 90 Kg. Bag
their answer	Pail (Small)
their driswer	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)

	 ○ No. 10 Plate (Heaped) ○ No. 12 Plate (Flat) ○ No. 12 Plate (Heaped) ○ Bunch (Small) ○ Bunch (Medium)
	O Bunch (Large) Piece (Small) Piece (Medium) Piece (Large)
	○ Heap Small)○ Heap (Medium)○ Heap (Large)○ Bale○ Basket (Dengu) (Shelled)
	○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ○ Ox-Cart (Unshelled) ○ Litre ○ Cup
	○ Tin○ Gram○ Millilitre○ Teaspoon
	○ Basin○ Sachet/Tube○ Total/Number○ Other (Specify)
	O Don't know Refused
H1.2.5a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.2.6: How much did you spend on the \${item_H1.2} consumed in the Past 7 days? If your family ate part but not all of something you purchased estimate what you spend only on the part that was consumed. Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.2.7: How much \${item_H1.2} came from your own production? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.2.2}" Total amount purchased is "\${H1.2.4}"	

	○ Kilogramme
	○ 50 Kg. Bag
	○ 90 Kg. Bag
	O Pail (Small)
	Pail (Medium)
	Pail (Large)
	○ No. 10 Plate (Flat)
	○ No. 10 Plate (Heaped)
	○ No. 12 Plate (Flat)
	○ No. 12 Plate (Heaped)
	Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	Heap Small)
H1.2.8: Indicate in what unit the respondent gave	Heap (Medium)
their answer	Heap (Large)
	○ Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	1 =
	Cup
	○ Tin
	○ Gram○ Millilitre
	○ Teaspoon
	○ Basin ○ Sachet/Tube
	Other (Specific)
	Other (Specify)
	○ Don't know ○ Refused
	Refused
H1.2.8a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.2.9: How much would it have cost to buy that	
much \${item_H1.2} if you had to purchase it in the	
market today?	
Enter -8 for Don't Know; -9 for Refused Indicate in	
KWACHA (MK)	

H1.2.10: How much \${item_H1.2} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.1.2}" Total amount purchased is "\${H1.1.4}" Total amount produced is "\${H1.1.7}"	
H1.2.11: Indicate in what unit the respondent gave their answer	 Kilogramme 50 Kg. Bag 90 Kg. Bag Pail (Small) Pail (Large) No. 10 Plate (Flat) No. 12 Plate (Heaped) No. 12 Plate (Heaped) Bunch (Small) Bunch (Medium) Bunch (Large) Piece (Small) Piece (Medium) Piece (Large) Heap Small) Heap (Medium) Heap (Large) Bale Basket (Dengu) (Shelled) Basket (Dengu) (Unshelled) Ox-Cart (Unshelled) Litre Cup Tin Gram Millilitre Teaspoon Basin Sachet/Tube Total/Number Other (Specify) Don't know Refused
H1.2.11a: Please specify Enter -8 for Don't Know; -9 for Refused	

H1.2.12: How much would it have cost to buy that much \${item_H1.2} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 3	
Dummy Q.	○ 3.1○ 3.2○ 3.3○ 3.4○ 3.5○ 3.6○ 3.7○ 3.8○ 3.9
Dummy Q.	 Bean, white Bean, brown Pigeon pea (nandolo) Groundnut Groundnut flour Soybean flour Ground bean (nzama) Cowpea (khobwe) Macademia nuts
Item Code: \${H1.3_code}	
H1.3.1: Over the past 7 days, did you or others in your household consume any \${item_H1.3}?	○ Yes○ No○ Don't know○ Refused
H1.3.2: How much \${item_H1.3} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.3.3: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 10 Plate (Heaped) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped)

	O Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	○ Heap Small)
	○ Heap (Medium)
	○ Heap (Large)
	○ Bale
	○ Basket (Dengu) (Shelled)
	○ Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	○ Cup
	○ Tin
	Gram
	○ Millilitre
	○ Teaspoon
	Basin
	Sachet/Tube
	O Total/Number
	Other (Specify)
	One (Specify) One to the control of
	Refused
	O Refuseu
H1.3.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.3.4: How much \${item_H1.3} in total did your	
household consume in the past 7 days came from	
purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.3.2}"	
	○ Kilogramme
	○ 50 Kg. Bag
H1.3.5: Indicate in what unit the respondent gave their answer	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)
	○ No. 10 Plate (Heaped)
	No. 12 Plate (Flat)
	No. 12 Plate (Heaped)

	O Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	○ Heap Small)
	O Heap (Medium)
	Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	○ Gram
	○ Millilitre
	○ Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.3.5a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.3.6: How much did you spend on the \${item_H1.3} consumed in the Past 7 days?	
If your family ate part but not all of something you	
purchased estimate what you spend only on the part	
that was consumed. Indicate in KWACHA (MK) Enter	
-8 for Don't Know; -9 for Refused	
H1.3.7: How much \${item_H1.3} came from your	
own production?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.3.2}" Total amount purchased is	
"\${H1.3.4}"	
	○ Kilogramme
H1.3.8: Indicate in what unit the respondent gave	○ 50 Kg. Bag
their answer	○ 90 Kg. Bag
	O Pail (Small)
	•

Enter -8 for Don't Know; -9 for Refused Indicate in KWACHA (MK)	
H1.3.9: How much would it have cost to buy that much \${item_H1.3} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
H1.3.8a: Please specify	Refused
	O Don't know
	Other (Specify)
	O Total/Number
	○ Basin○ Sachet/Tube
	○ Teaspoon
	○ Millilitre
	Gram
	○ Tin
	○ Cup
	○ Litre
	Ox-Cart (Unshelled)
	Basket (Dengu) (Unshelled)
	Basket (Dengu) (Shelled)
	○ Bale
	Heap (Large)
	Heap (Medium)
	Heap Small)
	○ Piece (Medium) ○ Piece (Large)
	Piece (Small)
	Bunch (Large)
	Bunch (Medium)
	Bunch (Small)
	No. 12 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 10 Plate (Heaped)
	O No. 10 Plate (Flat)
	O Pail (Large)
	O Pail (Medium)

Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.3.2}" Total amount purchased is "\${H1.3.4}" Total amount produced is "\${H1.3.7}"	
H1.3.11: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Ox-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know ○ Refused
H1.3.11a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.3.12: How much would it have cost to buy that much \${item_H1.3} if you had to purchase it in the market today?	

Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 4	
Dummy Q.	 ○ 4.1 ○ 4.2 ○ 4.3 ○ 4.4 ○ 4.5 ○ 4.6 ○ 4.7 ○ 4.8 ○ 4.9 ○ 4.10 ○ 4.11 ○ 4.12
Dummy Q.	 ○ Onion, fresh or processed ○ Cabbage, fresh or processed ○ Tanaposi/Rape, fresh or processed ○ Nkhwani, fresh or processed ○ Chinese cabbage, fresh or processed ○ Other cultivated green leafy vegetables, fresh or processed ○ Gathered wild green leaves ○ Tomato, fresh or processed ○ Cucumber, fresh or processed ○ Pumpkin, fresh or processed ○ Okra / Therere, fresh or processed ○ Mushroom, fresh or processed
Item Code: \${H1.4_code}	
H1.4.1: Over the past 7 days, did you or others in your household consume any \${item_H1.4}?	○ Yes○ No○ Don't know○ Refused
H1.4.2: How much \${item_H1.4} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.4.3: Indicate in what unit the respondent gave their answer	○ Kilogramme○ 50 Kg. Bag○ 90 Kg. Bag○ Pail (Small)○ Pail (Medium)○ Pail (Large)

	○ No. 10 Plate (Flat)
	○ No. 10 Plate (Heaped)
	○ No. 12 Plate (Flat)
	No. 12 Plate (Heaped)
	Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	Piece (Small)
	Piece (Medium)
	Piece (Large)
	Heap Small)
	Heap (Medium)
	☐ Heap (Large)☐ Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	Cup
	○ Tin
	Gram
	○ Millilitre
	Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.4.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.4.4: How much \${item_H1.4} in total did your	
household consume in the past 7 days came from purchases?	
•	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.4.2}"	
	○ Kilogramme
	○ 50 Kg. Bag
H1.4.5: Indicate in what unit the respondent gave	○ 90 Kg. Bag
their answer	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)

	O No. 10 Plate (Flat)
	O No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	○ Heap Small)
	○ Heap (Medium)
	○ Heap (Large)
	○ Bale
	○ Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	Gram
	Millilitre
	○ Teaspoon
	Basin
	Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.4.5a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.4.6: How much did you spend on the	
\${item_H1.4} consumed in the Past 7 days?	
If your family ate part but not all of something you	
purchased estimate what you spend only on the part	
that was consumed. Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.4.7: How much \${item_H1.4} came from your	
own production?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.4.2}" Total amount purchased is	
"\${H1.4.4}"	

	○ Kilogramme
	○ 50 Kg. Bag
	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)
	○ No. 10 Plate (Heaped)
	No. 12 Plate (Flat)
	No. 12 Plate (Heaped)
	O Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	Piece (Small)
	Piece (Medium)
	Piece (Large)
	O Heap Small)
H1.4.8: Indicate in what unit the respondent gave	Heap (Medium)
their answer	Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	Gram
	Millilitre
	○ Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.4.8a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.4.9: How much would it have cost to buy that	
much \${item_H1.4} if you had to purchase it in the	
market today?	
Enter -8 for Don't Know; -9 for Refused Indicate in KWACHA (MK)	

H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their answer H1.4.11: Indicate in what unit the respondent gave their gav		-
consumed is "\${H1.4.2}" Total amount purchased is "\${H1.4.4}" Total amount produced is "\${H1.4.7}" Kilogramme	other sources?	
So Kg. Bag 90 Kg. Bag 90 Kg. Bag Pail (Small) Pail (Medium) Pail (Medium) Pail (Large) No. 10 Plate (Flat) No. 10 Plate (Heaped) No. 12 Plate (Heaped) Bunch (Small) Bunch (Small) Bunch (Large) Piece (Small) Piece (Medium) Piece (Medium) Piece (Medium) Piece (Large) Haap Small) Heap (Medium) Heap (Large) Bale Basket (Dengu) (Shelled) Basket (Dengu) (Shelled) Ditter Cup Tin Gram Millilitre Teaspoon Basin Sachet/Tube Total/Number Other (Specify) Don't know Refused H1.4.11a: Please specify	consumed is "\${H1.4.2}" Total amount purchased is	
	their answer	O 50 Kg. Bag O 90 Kg. Bag O Pail (Small) O Pail (Medium) O Pail (Large) O No. 10 Plate (Flat) O No. 12 Plate (Heaped) O No. 12 Plate (Heaped) O Bunch (Small) O Bunch (Medium) O Bunch (Large) O Piece (Small) O Piece (Medium) O Piece (Large) O Heap Small) O Heap (Medium) O Basket (Dengu) (Shelled) O Basket (Dengu) (Unshelled) O Litre O Cup O Tin O Gram O Millilitre Teaspoon O Basin Sachet/Tube O Total/Number O Other (Specify) O Don't know

H1.4.12: How much would it have cost to buy that much \${item_H1.4} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 5	
Dummy Q.	 ○ 5.1 ○ 5.2 ○ 5.3 ○ 5.4 ○ 5.5 ○ 5.6 ○ 5.7 ○ 5.8 ○ 5.9 ○ 5.10 ○ 5.11 ○ 5.12 ○ 5.13 ○ 5.14
Dummy Q.	 ☐ Eggs ☐ Dried fish ☐ Fresh fish ☐ Beef ☐ Goat ☐ Pork ☐ Mutton ☐ Chicken ☐ Guinea fowl, doves, pigeons, or other birds raised for meat or eggs. ☐ Small animal – rabbit, mice, etc. ☐ Termites, other insects, for example caterpillar ☐ Tinned meat or fish ☐ Smoked fish ☐ Fish Soup/Sauce
Item Code: \${H1.5_code}	
H1.5.1: Over the past 7 days, did you or others in your household consume any \${item_H1.5}?	○ Yes○ No○ Don't know○ Refused

H1.5.2: How much \${item_H1.5} in total did your household consume in the past 7 days?	
Enter -8 for Don't Know; -9 for Refused	
H1.5.3: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ○ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Dx-Cart (Unshelled) ◯ Litre ◯ Cup ◯ Tin ◯ Gram ◯ Millilitre ◯ Teaspoon ○ Basin ○ Sachet/Tube ◯ Total/Number ○ Other (Specify) ○ Don't know
	Refused
H1.5.3a: Please specify Enter -8 for Don't Know; -9 for Refused	

H1.5.4: How much \${item_H1.5} in total did your household consume in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.5.2}"	
H1.5.5: Indicate in what unit the respondent gave their answer	 ○ Kilogramme ○ 50 Kg. Bag ○ 90 Kg. Bag ○ Pail (Small) ○ Pail (Medium) ○ Pail (Large) ○ No. 10 Plate (Flat) ○ No. 12 Plate (Flat) ○ No. 12 Plate (Heaped) ○ Bunch (Small) ○ Bunch (Medium) ○ Bunch (Medium) ○ Piece (Small) ○ Piece (Medium) ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ○ Ox-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know ○ Refused
Enter -8 for Don't Know; -9 for Refused	

H1.5.6: How much did you spend on the \${item_H1.5} consumed in the Past 7 days? If your family ate part but not all of something you purchased estimate what you spend only on the part that was consumed. Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.5.7: How much \${item_H1.5} came from your own production? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.5.2}" Total amount purchased is "\${H1.5.4}"	
H1.5.8: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ◯ Bale ◯ Basket (Dengu) (Shelled) ◯ Basket (Dengu) (Unshelled) ◯ Ox-Cart (Unshelled) ◯ Litre ◯ Cup ◯ Tin ◯ Gram ◯ Millilitre ◯ Teaspoon
	○ Basin○ Sachet/Tube○ Total/Number

	Other (Specify)
	O Don't know
	Refused
H1.5.8a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.5.9: How much would it have cost to buy that much \${item_H1.5} if you had to purchase it in the market today? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.5.10: How much \${item_H1.5} came from gifts or other sources?	
Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.5.2}" Total amount purchased is "\${H1.5.4}" Total amount produced is "\${H1.5.7}"	
H1.5.11: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 10 Plate (Heaped) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ◯ Ox-Cart (Unshelled) ◯ Litre ◯ Cup ◯ Tin ◯ Gram

	○ Millilitre
	1 I
	Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
	O Neruseu
H1.5.11a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.5.12: How much would it have cost to buy that much \${item_H1.5} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 6	
	○ 6.1
	○ 6.2
	○ 6.3
	○ 6.4
Dummy Q.	○ 6.5
bulling Q.	○ 6.6
	-
	○ 6.7 ○ 6.2
	○ 6.8
	○ 6.9
	Mango
	○ Banana
	○ Citrus – naartje, orange, etc.
	○ Pineapple
Dummy Q.	Papaya
	Guava
	Avocado
	Wild fruit (masau, malambe, etc.)
	○ Apple
Item Code: \${H1.6_code}	
	○ Yes
H1.6.1: Over the past 7 days, did you or others in	○ No
your household consume any \${item_H1.6}?	O Don't know
, , , _ , ,	Refused
H1.6.2: How much \${item_H1.6} in total did your	
household consume in the past 7 days?	
Enter -8 for Don't Know; -9 for Refused	
z.i.c. a joi zaii e ililati, a joi nejuseu	

	○ Kilogramme
	○ 50 Kg. Bag
	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)
	No. 10 Plate (Heaped)
	No. 12 Plate (Flat)
	No. 12 Plate (Heaped)
	Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	O Heap Small)
H1.6.3: Indicate in what unit the respondent gave	O Heap (Medium)
their answer	O Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	○ Cup
	○ Tin
	Gram
	○ Millilitre
	○ Teaspoon
	Basin
	Sachet/Tube
	O Total/Number
	Other (Specify)
	O Don't know
	Refused
	O Neruseu
H1.6.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.6.4: How much \${item_H1.6} in total did your	
household consume in the past 7 days came from	
purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.6.2}"	

H1.6.5: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ◯ Bale ◯ Basket (Dengu) (Shelled) ◯ Dasket (Unshelled) ◯ Litre ◯ Cup ◯ Tin ◯ Gram ◯ Millilitre ◯ Teaspoon ◯ Basin ○ Sachet/Tube ◯ Total/Number ◯ Other (Specify) ◯ Don't know
L1 6 For Bloose specify	Refused
H1.6.5a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.6.6: How much did you spend on the \$\{\text{item_H1.6}\} consumed in the Past 7 days? If your family ate part but not all of something you purchased estimate what you spend only on the part that was consumed. Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	

H1.6.7: How much \${item_H1.6} came from your own production?	
Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.6.2}" Total amount purchased is "\${H1.6.4}"	
H1.6.8: Indicate in what unit the respondent gave their answer	 ○ Kilogramme ○ 50 Kg. Bag ○ 90 Kg. Bag ○ Pail (Small) ○ Pail (Medium) ○ Pail (Large) ○ No. 10 Plate (Flat) ○ No. 12 Plate (Heaped) ○ No. 12 Plate (Heaped) ○ Bunch (Small) ○ Bunch (Medium) ○ Bunch (Large) ○ Piece (Small) ○ Piece (Medium) ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Dx-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know ○ Refused
H1.6.8a: Please specify Enter -8 for Don't Know; -9 for Refused	
LIITET -0 JUL DUITT KIIUW, -3 JUL NEJUSEU	1

H1.6.9: How much would it have cost to buy that much \${item_H1.6} if you had to purchase it in the market today?	
Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.6.10: How much \${item_H1.6} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.6.2}" Total amount purchased is "\${H1.6.4}" Total amount produced is "\${H1.6.7}"	
H1.6.11: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Iarge) ◯ Bale ◯ Basket (Dengu) (Shelled) ◯ Basket (Dengu) (Unshelled) ◯ Ox-Cart (Unshelled) ◯ Litre ◯ Cup ◯ Tin ◯ Gram ◯ Millilitre ◯ Teaspoon ○ Basin ○ Sachet/Tube ◯ Total/Number ○ Other (Specify)

	○ Don't know○ Refused
H1.6.11a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.6.12: How much would it have cost to buy that much \${item_H1.6} if you had to purchase it in the market today? Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 7	
	7.1
Dummy Q.	○ 7.2○ 7.3○ 7.4○ 7.5○ 7.6○ 7.7○ 7.8
Dummy Q.	 ○ Fresh milk ○ Powdered milk ○ Margarine – (e.g. Blue band) ○ Butter ○ Chambiko - soured milk ○ Yoghurt ○ Cheese ○ Infant feeding formula (for bottle)
Item Code: \${H1.7_code}	
H1.7.1: Over the past 7 days, did you or others in your household consume any \${item_H1.7}?	○ Yes○ No○ Don't know○ Refused
H1.7.2: How much \${item_H1.7} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.7.3: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat)

	O No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	○ No. 12 Plate (Heaped)
	O Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	Piece (Large)
	O Heap Small)
	Heap (Medium)
	Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	○ Cup
	○ Tin
	Gram
	○ Millilitre
	○ Teaspoon
	Basin
	Sachet/Tube
	O Total/Number
	Other (Specify)
	Obn't know
	Refused
	- Meruseu
H1.7.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.7.4: How much \${item_H1.7} in total did your	
household consume in the past 7 days came from	
purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.7.2}"	
	○ Kilogramme
	○ 50 Kg. Bag
H1.7.5: Indicate in what unit the respondent gave their answer	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)

	No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	○ Heap Small)
	O Heap (Medium)
	○ Heap (Large)
	○ Bale
	○ Basket (Dengu) (Shelled)
	○ Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	Cup
	○ Tin
	Gram
	Millilitre
	○ Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
	- Nerasea
H1.7.5a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.7.6: How much did you spend on the \${item_H1.7} consumed in the Past 7 days?	
If your family ate part but not all of something you	
purchased estimate what you spend only on the part	
that was consumed. Indicate in KWACHA (MK) Enter	
-8 for Don't Know; -9 for Refused	
H1.7.7: How much \${item_H1.7} came from your own production?	
·	
Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.7.2}" Total amount purchased is	
"\${H1.7.4}"	

H1.7.8: Indicate in what unit the respondent gave their answer	 Kilogramme 50 Kg. Bag 90 Kg. Bag Pail (Medium) Pail (Large) No. 10 Plate (Flat) No. 12 Plate (Heaped) No. 12 Plate (Heaped) Bunch (Small) Bunch (Medium) Bunch (Medium) Piece (Small) Piece (Large) Heap Small) Heap (Medium) Heap (Medium) Heap (Large) Bale Basket (Dengu) (Shelled) Basket (Dengu) (Unshelled) Ox-Cart (Unshelled) Litre Cup Tin Gram Millilitre Teaspoon Basin Sachet/Tube Total/Number Other (Specify) Don't know Refused
U4.7.0 plane marif.	
H1.7.8a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.7.9: How much would it have cost to buy that much \${item_H1.7} if you had to purchase it in the market today? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	

H1.7.10: How much \${item_H1.7} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.7.2}" Total amount purchased is "\${H1.7.4}" Total amount produced is "\${H1.7.7}"	○ Kilogramme○ 50 Kg. Bag
consumed is "\${H1.7.2}" Total amount purchased is	
H1.7.11: Indicate in what unit the respondent gave their answer H1.7.11a: Please specify	90 Kg. Bag Pail (Small) Pail (Medium) Pail (Large) No. 10 Plate (Flat) No. 12 Plate (Heaped) No. 12 Plate (Heaped) Bunch (Small) Bunch (Medium) Bunch (Large) Piece (Small) Piece (Medium) Piece (Large) Heap Small) Heap (Medium) Heap (Large) Bale Basket (Dengu) (Shelled) Basket (Dengu) (Unshelled) Ox-Cart (Unshelled) Litre Cup Tin Gram Millilitre Teaspoon Basin Sachet/Tube Total/Number Other (Specify) Don't know Refused
Enter -8 for Don't Know; -9 for Refused	

H1.7.12: How much would it have cost to buy that much \${item_H1.7} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 8	
Dummy Q.	○ 8.1 ○ 8.2 ○ 8.3
Dummy Q.	○ Sugar○ Sugar Cane○ Cooking oil
Item Code: \${item_H1.8}	
H1.8.1: Over the past 7 days, did you or others in your household consume any \${item_H1.8}?	○ Yes○ No○ Don't know○ Refused
H1.8.2: How much \${item_H1.8} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.8.3: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ◯ Bale ◯ Basket (Dengu) (Shelled) ◯ Basket (Dengu) (Unshelled)

	Ox-Cart (Unshelled)
	Litre
	○ Cup
	○ Tin
	Gram
	○ Millilitre
	Teaspoon
	Basin
	○ Sachet/Tube
	O Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.8.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.8.4: How much \${item_H1.8} in total did your	
household consume in the past 7 days came from	
purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.8.2}"	
	○ Kilogramme
	○ 50 Kg. Bag
	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)
	○ No. 10 Plate (Heaped)
	No. 12 Plate (Flat)
	No. 12 Plate (Heaped)
H1.8.5: Indicate in what unit the respondent gave	Bunch (Small)
their answer	Bunch (Medium)
their answer	Bunch (Large)
	Piece (Small)
	Piece (Medium)
	O Piece (Large)
	O Heap Small)
	O Heap (Medium)
	O Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)

	Ox-Cart (Unshelled) Litre Cup Tin Gram
	○ Millilitre○ Teaspoon
	○ Basin ○ Sachet/Tube
	○ Total/Number○ Other (Specify)○ Don't know
	Refused
H1.8.5a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.8.6: How much did you spend on the \${item_H1.8} consumed in the Past 7 days? If your family ate part but not all of something you purchased estimate what you spend only on the part that was consumed. Indicate in KWACHA (MK) Enter	
-8 for Don't Know; -9 for Refused	
H1.8.7: How much \${item_H1.8} came from your own production? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.8.2}" Total amount purchased is "\${H1.8.4}"	
H1.8.8: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 10 Plate (Heaped) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large)

	O Heap Small)
	O Heap (Medium)
	O Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	Gram
	○ Millilitre
	○ Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.8.8a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
-	
H1.8.9: How much would it have cost to buy that much \${item_H1.8} if you had to purchase it in the	
market today?	
Indicate in KWACHA (MK) Enter -8 for Don't Know; -9	
for Refused	
H1.8.10: How much \${item_H1.8} came from gifts or	
other sources?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.8.2}" Total amount purchased is "\${H1.8.4}" Total amount produced is "\${H1.8.7}"	
\$\frac{11.8.4}{10.00000000000000000000000000000000000	O Kilonovica
	○ Kilogramme
	○ 50 Kg. Bag
	90 Kg. Bag
	Pail (Small)
H1.8.11: Indicate in what unit the respondent gave	Pail (Medium)
their answer	Pail (Large)
	O No. 10 Plate (Flat)
	No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	Bunch (Small)

	○ Bunch (Medium) ○ Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	Heap Small)
	Heap (Medium)
	Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	Gram
	Millilitre
	Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	○ Refused
H1.8.11a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.8.12: How much would it have cost to buy that much \${item_H1.8} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 9	
	○ 9.1○ 9.2○ 9.3○ 9.4○ 9.5
Dummy Q.	○ 9.6○ 9.7○ 9.8○ 9.9○ 9.10○ 9.11

	○ 9.12○ 9.13○ 9.14○ 9.15○ Tea
Dummy Q.	 ○ Coffee ○ Cocoa, Milo ○ Squash (Sobo drink concentrate) ○ Fruit juice ○ Freezes (flavored ice) ○ Soft drinks (Coca-Cola, Fanta, Sprite, etc.) ○ Chibuku (commercial traditional-style beer) ○ Drinking water ○ Maheu ○ Bottled / canned beer (Carlsberg, etc.) ○ Thobwa ○ Traditional beer (masese) ○ Wine or commercial liquor ○ Locally brewed liquor (kachasu)
Item Code: \${item_H1.9}	
H1.9.1: Over the past 7 days, did you or others in your household consume any \${item_H1.9}?	○ Yes○ No○ Don't know○ Refused
H1.9.2: How much \${item_H1.9} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.9.3: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 10 Plate (Heaped) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium)

U1 0 2 av Planco anasife	 ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ○ Ox-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know ○ Refused
H1.9.3a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.9.4: How much \${item_H1.9} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.9.2}"	
H1.9.5: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 10 Plate (Heaped) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium)

	 ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Dasket (Dengu) (Unshelled) ○ Ox-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify)
	○ Don't know○ Refused
H1.9.5a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.9.6: How much did you spend on the \${item_H1.9} consumed in the Past 7 days? If your family ate part but not all of something you purchased estimate what you spend only on the part that was consumed. Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.9.7: How much \${item_H1.9} came from your own production? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.9.2}" Total amount purchased is "\${H1.9.4}"	
H1.9.8: Indicate in what unit the respondent gave their answer	 ○ Kilogramme ○ 50 Kg. Bag ○ 90 Kg. Bag ○ Pail (Small) ○ Pail (Medium) ○ Pail (Large) ○ No. 10 Plate (Flat) ○ No. 12 Plate (Flat)

	○ No. 12 Plate (Heaped) ○ Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	O Piece (Small)
	Piece (Medium)
	O Piece (Large)
	O Heap Small)
	O Heap (Medium)
	O Heap (Large)
	O Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Cura
	○ Cup ○ Tin
	Gram
	○ Millilitre
	○ Teaspoon
	Basin
	Sachet/Tube
	O Total/Number
	Other (Specify)
	Obn't know
	Refused
H1.9.8a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.9.9: How much would it have cost to buy that	
much \${item_H1.9} if you had to purchase it in the	
market today?	
Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.9.10: How much \${item_H1.9} came from gifts or other sources?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.9.2}" Total amount purchased is	
"\${H1.9.4}" Total amount produced is "\${H1.9.7}"	
	○ Kilogramme
H1.9.11: Indicate in what unit the respondent gave	○ 50 Kg. Bag
their answer	○ 90 Kg. Bag
	O Pail (Small)

	O Pail (Medium)
	Pail (Medium)
	No. 10 Plate (Flat)
	1 =
	No. 10 Plate (Heaped)
	No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	O Bunch (Small)
	Bunch (Medium)
	Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	○ Heap Small)
	○ Heap (Medium)
	○ Heap (Large)
	○ Bale
	○ Basket (Dengu) (Shelled)
	○ Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	Litre
	Cup
	○ Tin
	Gram
	○ Millilitre
	Teaspoon
	Basin
	Sachet/Tube
	○ Total/Number
	I
	Other (Specify)
	O Don't know
	Refused
H1.9.11a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.9.12: How much would it have cost to buy that much \${item_H1.9} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 10	
	0 10.1
Dummy Q.	0 10.2
	O 10.3
	○ 10.4

	○ 10.5
	○ 10.6
	○ 10.7
	○ 10.8
	○ 10.9
	○ Salt
	○ Spices
	Yeast, baking powder, bicarbonate of soda
	○ Tomato sauce (bottle)
Dummy Q.	O Hot sauce (Nali, etc.)
	◯ Jam, jelly
	Sweets, candy, chocolates
	OHoney
	O Peanut butter
Item Code: \${item_H1.10}	
	Yes
H1.10.1: Over the past 7 days, did you or others in	○ No
your household consume any \${item_H1.10}?	O Don't know
your nouseriold consume any stitem_nii.ioj.	Refused
	- O Heruseu
H1.10.2: How much \${item_H1.10} in total did your household consume in the past 7 days?	
Enter -8 for Don't Know; -9 for Refused	
Enter -8 for Don't Know, -5 for Refuseu	O 101
	○ Kilogramme
	○ 50 Kg. Bag
	90 Kg. Bag
	Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	No. 10 Plate (Flat)
H1.10.3: Indicate in what unit the respondent gave their answer	O No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	O Heap Small)
	O Heap (Medium)
	○ Heap (Large)
	○ Bale

	 ○ Basket (Dengu) (Shelled) ○ Dx-Cart (Unshelled) ○ Litre ○ Cup ○ Tin ○ Gram ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know ○ Refused
H1.10.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.10.4: How much \${item_H1.10} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.10.2}"	
H1.10.5: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Medium) ◯ Heap (Large) ◯ Bale

	Desket (Dengu) (Chelled)
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	Cup
	○ Tin
	Gram
	○ Millilitre
	○ Teaspoon
	Basin
	Sachet/Tube
	Ottal/Number
	Other (Specify)
	O Don't know
	Refused
H1.10.5a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.10.6: How much did you spend on the	
\${item_H1.10} consumed in the Past 7 days?	
If your family ate part but not all of something you	
purchased estimate what you spend only on the part	
that was consumed. Indicate in KWACHA (MK) Enter	
-8 for Don't Know; -9 for Refused	
H1.10.7: How much \${item_H1.10} came from your	
own production?	
Enter -8 for Don't Know; -9 for Refused Total amount	
consumed is "\${H1.10.2}" Total amount purchased is	
"\${H1.10.4}"	
	○ Kilogramme
	○ 50 Kg. Bag
	○ 90 Kg. Bag
	Pail (Small)
	_ , ,
	Pail (Medium)
	O Pail (Large)
H1.10.8: Indicate in what unit the respondent gave	O No. 10 Plate (Flat)
their answer	O No. 10 Plate (Heaped)
	O No. 12 Plate (Flat)
	O No. 12 Plate (Heaped)
	O Bunch (Small)
	O Bunch (Medium)
	○ Bunch (Large)
	Piece (Small)
	1 - ' '

	 ○ Piece (Medium) ○ Piece (Large) ○ Heap Small) ○ Heap (Medium) ○ Heap (Large) ○ Bale ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled) Litre Cup Tin Gram Millilitre Teaspoon Basin Sachet/Tube Total/Number Other (Specify) Don't know Refused
H1.10.8a: Please specify Enter -8 for Don't Know; -9 for Refused	
H1.10.9: How much would it have cost to buy that much \${item_H1.10} if you had to purchase it in the market today? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.10.10: How much \${item_H1.10} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.10.2}" Total amount purchased is "\${H1.10.4}" Total amount produced is "\${H1.10.7}"	
H1.10.11: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Flat) ◯ No. 12 Plate (Flat)

	 No. 12 Plate (Heaped) Bunch (Small) Bunch (Medium) Bunch (Large) Piece (Small) Piece (Medium) Piece (Large) Heap Small) Heap (Medium) Heap (Large)
	O Bale
	Basket (Dengu) (Shelled) Basket (Dengu) (Unshelled)
	Ox-Cart (Unshelled)
	○ Litre
	Cup Tin
	Gram
	○ Millilitre
	☐ Teaspoon ☐ Basin
	Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know Refused
H1.10.11a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.10.12: How much would it have cost to buy that much \${item_H1.10} if you had to purchase it in the market today?	
Enter -8 for Don't Know; -9 for Refused	
Food Asset Group 11	
Dummy Q.	○ 11.1○ 11.2○ 11.3○ 11.4○ 11.5○ 11.6
	○ 11.6 ○ 11.7 ○ 11.8

	○ 11.9 ○ 11.10
Dummy Q.	 ○ Maize - boiled or roasted (vendor) ○ Chips (vendor) ○ Cassava - boiled (vendor) ○ Eggs - boiled (vendor) ○ Chicken (vendor) ○ Meat (vendor) ○ Fish (vendor) ○ Mandazi, doughnut (vendor) ○ Samosa (vendor) ○ Meal eaten at restaurant
Item Code: \${item_H1.11}	
H1.11.1: Over the past 7 days, did you or others in your household consume any \${item_H1.11}?	○ Yes○ No○ Don't know○ Refused
H1.11.2: How much \${item_H1.11} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1.11.3: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme ◯ 50 Kg. Bag ◯ 90 Kg. Bag ◯ Pail (Small) ◯ Pail (Medium) ◯ Pail (Large) ◯ No. 10 Plate (Flat) ◯ No. 12 Plate (Heaped) ◯ No. 12 Plate (Heaped) ◯ Bunch (Small) ◯ Bunch (Medium) ◯ Bunch (Large) ◯ Piece (Small) ◯ Piece (Medium) ◯ Piece (Large) ◯ Heap Small) ◯ Heap (Medium) ◯ Heap (Large) ◯ Bale ◯ Basket (Dengu) (Shelled) ◯ Basket (Dengu) (Unshelled)

	Ox-Cart (Unshelled)
	○ Litre
	○ Cup
	○ Tin
	○ Gram
	○ Millilitre
	○ Teaspoon
	Basin
	○ Sachet/Tube
	○ Total/Number
	Other (Specify)
	O Don't know
	Refused
H1.11.3a: Please specify	
Enter -8 for Don't Know; -9 for Refused	
H1.11.4: How much \${item_H1.11} in total did your household consume in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused Total amount consumed is "\${H1.11.2}"	
	○ Kilogramme
	○ 50 Kg. Bag
	○ 90 Kg. Bag
	O Pail (Small)
	O Pail (Medium)
	O Pail (Large)
	○ No. 10 Plate (Flat)
H1.11.5: Indicate in what unit the respondent gave their answer	○ No. 10 Plate (Heaped)
	○ No. 12 Plate (Flat)
	○ No. 12 Plate (Heaped)
	O Bunch (Small)
	O Bunch (Medium)
	O Bunch (Large)
	O Piece (Small)
	O Piece (Medium)
	O Piece (Large)
	O Heap Small)
	Heap (Medium)
	Heap (Large)
	Bale
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	C

	Ox-Cart (Unshelled) Litre Cup Tin Gram
	 ○ Millilitre ○ Teaspoon ○ Basin ○ Sachet/Tube ○ Total/Number ○ Other (Specify) ○ Don't know
H1.11.5a: Please specify Enter -8 for Don't Know; -9 for Refused	Refused
H1.11.6: How much did you spend on the \${item_H1.11} consumed in the Past 7 days? If your family ate part but not all of something you purchased estimate what you spend only on the part that was consumed. Indicate in KWACHA (MK) Enter-8 for Don't Know; -9 for Refused	
H1.12.1: Over the past 7 days, did any people who are not members of your household eat any meals in your household?	○ Yes○ No○ Don't know○ Refused
H1.12.2: Over the past 7 days, how many people who are not members of your household ate meals in your household? Enter -8 for Don't Know; -9 for Refused	
H1.12.3: Over the past 7days, what was the total number of days in which any meal was shared with people who are not members of your household? Enter -8 for Don't Know; -9 for Refused	
H1.12.4: Over the past 7days, what was the total number of meals that were shared with people who are not members of your household? Enter -8 for Don't Know; -9 for Refused	
H1.13.1: Over the past 7days, did your household purchase pet food for family pets like a cat or a dog?	○ Yes○ No○ Don't know○ Refused

H1.13.2: How much did you spend on pet food last week?	
Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H1.14.1: Over the past 7days, were there any other expenditures on pets?	○ Yes○ No○ Don't know○ Refused
H1.14.2: How much did you spend on other purchases for pets last week? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
MODULE H2-H7. Consent (Head of Household or Responsible Adult)	
Please select the name of the Head of Household or Responsible Adult	<pre> \$\{hm1\} \$\{hm2\} \$\{hm3\} \$\{hm4\} \$\{hm5\} \$\{hm6\} \$\{hm7\} \$\{hm8\} \$\{hm9\} \$\{hm10\} \$\{hm11\} \$\{hm12\} \$\{hm14\} \$\{hm15\} \$\{hm16\} \$\{hm16\} \$\{hm16\} \$\{hm17\} \$\{hm16\} \$\{hm17\} \$\{hm18\} \$\{hm18\} \$\{hm18\} \$\{hm18\} \$\{hm19\} \$\{hm20\} \$\{hm21\} \$\{hm21\} \$\{hm21\} \$\{hm23\} \$\{hm24\} \$\{hm25\} </pre>
H22: Does "\${H21}" give consent to continue?	Yes, I agree to participate in the this module No, I do not agree to participate in ths

	module O Household Member was not available
H23: Why was "\${H21}" unable to complete the survey	
MODULE H2. NON-FOOD EXPENDITURES OVER PAST 7 DAYS (Head of Household or Responsible Adult) Respondents for this module: Head of the household or a responsible adult household member if the HH is absent. Total number of responsible adults is "\$\frac{1}{2} \frac{1}{2} \text{ count}\$"	
H2.1: Over the past one week (7 days), did your household purchase or pay for any charcoal?	○ Yes○ No○ Don't know○ Refused
H2.1a: How much did you pay for the <u>charcoal</u> in total? Hint: How much did the <u>charcoal</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.2: Over the past one week (7 days), did your household purchase or pay for any firewood?	○ Yes○ No○ Don't know○ Refused
H2.2a: How much did you pay for the <u>firewood</u> in total? Hint: How much did the <u>firewood</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.3: Over the past one week (7 days), did your household purchase or pay for any <u>paraffin or kerosene</u> ?	○ Yes○ No○ Don't know○ Refused
H2.3a: How much did you pay for the <u>paraffin or kerosene</u> in total? Hint: How much did the <u>paraffin or kerosene</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.4: Over the past one week (7 days), did your household purchase or pay for any cigarettes or other tobacco?	○ Yes○ No○ Don't know○ Refused

H2.4a: How much did you pay for the <u>cigarettes or</u> <u>other tobacco</u> in total?	
Hint: How much did the <u>cigarettes or other tobacco</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.5: Over the past one week (7 days), did your household purchase or pay for any candles?	○ Yes○ No○ Don't know○ Refused
H2.5a: How much did you pay for the <u>candles</u> in total? Hint: How much did the <u>candles</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.6: Over the past one week (7 days), did your household purchase or pay for any matches?	○ Yes○ No○ Don't know○ Refused
H2.6a: How much did you pay for the <u>matches</u> in total? Hint: How much did the <u>matches</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.7: Over the past one week (7 days), did your household purchase or pay for any newspaper or magazines?	○ Yes○ No○ Don't know○ Refused
H2.7a: How much did you pay for the <u>newspaper or magazines</u> in total? Hint: How much did the <u>newspaper or magazines</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.8: Over the past one week (7 days), did your household purchase or pay for any <u>public transport - Bicycle Taxi</u> ?	○ Yes○ No○ Don't know○ Refused
H2.8a: How much did you pay for the <u>public</u> transport - Bicycle Taxi in total? Hint: How much did the <u>public transport - Bicycle</u> Taxi cost? Include any used for school under education costs and any used for obtaining health care under health expenditures Enter -8 for Don't	

Know; -9 for Refused Please respond in KWACHA (MK)	
H2.9: Over the past one week (7 days), did your household purchase or pay for any <u>public transport - Bus/Minibus</u> ?	○ Yes○ No○ Don't know○ Refused
H2.9a: How much did you pay for the <u>public</u> transport - Bus/Minibus in total? Hint: How much did the <u>public transport - Bus/Minibus</u> cost? Include any used for school under education costs and any used for obtaining health care under health expenditures Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H2.10: Over the past one week (7 days), did your household purchase or pay for any <u>public transport - Other (truck, oxcart, ect.)</u> ?	○ Yes○ No○ Don't know○ Refused
H2.10a: How much did you pay for the <u>public</u> transport - Other (truck, oxcart, ect.) in total? Hint: How much did the <u>public transport - Other</u> (truck, oxcart, ect.) cost? Include any used for school under education costs and any used for obtaining health care under health expenditures Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
MODULE H3: NON-FOOD EXPENDITURES OVER THE LAST 30 DAYS (Head of Household or Responsible Adult)	
Dummy Q.	 ○ H3.1 ○ H3.2 ○ H3.3 ○ H3.4 ○ H3.5 ○ H3.6 ○ H3.7 ○ H3.8 ○ H3.8 ○ H3.9 ○ H3.10 ○ H3.11 ○ H3.12 ○ H3.13 ○ H3.14

	○ H3.15
	○ H3.16
	○ H3.17
	○ H3.18
	○ H3.19
	○ H3.20
	○ H3.21
	○ H3.22
	Milling fees for grains (not including cost of
	grain itself), 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
	O Postage stamps or other postal fees
	O Donation - to church, charity, beggar, etc.
	O Petrol or diesel
Dummy Q.	○ Motor vehicle service, repair, or parts
	○ Bicycle service, repair, or parts
	○ Wages paid to servants
	Repairs to household and personal items
	(radios, watches, etc., excluding battery
	purchases)
	○ Utilities: Natural gas
	O Utilities: Electricity
	O Utilities: Water
	○ Batteries
	Recharging of batteries, cell phones, etc.
	Air time for cell phones
	○ MTL line
Item Code: \${H3.1_code}	
Titelli Code. 9(113.1_code)	
H3.1.1: Over the past month (30 days), did you or	○ Yes
others in your household consume any	○ No
\${item_H3.1}?	O Don't know
	Refused
H3.1.2: How much did you pay for \$\frac{\\${\tem_H3.1}}{?}	

Hint: How much did the <u>\${item_H3.1}</u> cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
Health Expenditures	
H3.1.3: Over the past one month, did your household purchase or pay for <u>anything related to illnesses and injuries</u> , including for medicine, tests, consultation, & in-patient fees? Include estimated value of any in-kind payments, or borrowed amounts	○ Yes○ No○ Don't know○ Refused
H3.1.3a: How much did you pay in total for <u>anything</u> related to illnesses and injuries, including for medicine, tests, consultation, & in-patient fees? Hint: How much did <u>anything related to illnesses and injuries, including for medicine, tests, consultation, & in-patient fees cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)</u>	
H3.1.4: Over the past one month, did your household purchase or pay for anything related to Medical care not related to an illness - preventative health care, pre-natal visits, check-ups, etc. ? Include estimated value of any in-kind payments, or borrowed amounts	○ Yes○ No○ Don't know○ Refused
H3.1.4a: How much did you pay in total for Medical care not related to an illness - preventative health care, pre-natal visits, check-ups, etc.? Hint: How much did Medical care not related to an illness - preventative health care, pre-natal visits, check-ups, etc. cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H3.1.5: Over the past one month, did your household purchase or pay for anything related to non-prescription medicines, for example, Panadol, Fansidar, cough syrup, etc.? Include estimated value of any in-kind payments, or borrowed amounts	YesNoDon't knowRefused
H3.1.5a: How much did you pay in total for non-prescription medicines, for example, Panadol, Fansidar, cough syrup, etc.? Hint: How much did non-prescription medicines, for example, Panadol, Fansidar, cough syrup, etc. cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	

H3.1.6: Over the past one month, did your household purchase or pay for anything related to transportation used to access health-related services or care that did not require an overnight stay in a health facility or at a traditional healer's dwelling? Include estimated value of any in-kind payments, or borrowed amounts	○ Yes○ No○ Don't know○ Refused
H3.1.6a: How much did you pay in total for transportation used to access health-related services or care that did not require an overnight stay in a health facility or at a traditional healer's dwelling?	
Hint: How much did transportation used to access health-related services or care that did not require an overnight stay in a health facility or at a traditional healer's dwelling cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
EXPENDITURES OVER PAST THREE MONTHS (Head of Household or Responsible Adult)	
Dummy Q.	 ○ H4.1 ○ H4.3 ○ H4.4 ○ H4.5 ○ H4.6 ○ H4.7 ○ H4.8 ○ H4.9 ○ H4.10 ○ H4.11 ○ H4.12 ○ H4.13 ○ H4.14 ○ H4.15 ○ H4.16 ○ H4.17 ○ H4.18 ○ H4.19 ○ H4.20 ○ H4.21 ○ H4.22 ○ H4.23 ○ H4.24

	○ H4.25
	○ H4.26
	○ H4.27
	○ H4.28
	○ H4.29
	○ H4.30
	○ H4.31
	○ H4.32
	○ H4.33
	○ H4.34
	○ H4.35
	○ H4.36
	○ H4.37
	○ H4.38
	○ H4.39
	○ Infant clothing
	Baby nappies/diapers
	Boy's trousers (FOR ALL CLOTHING,
	EXCLUDE UNIFORMS/SCHOOL CLOTHING)
	○ Boy's shirts
	Boy's jackets
	Boy's undergarments
	Boy's other clothing (e.g. hats, gloves, belts,
	etc.)
	○ Men's trousers
	○ Men's shirts
	○ Men's jackets
	○ Men's undergarments
	○ Men's other clothing (e.g. hats, gloves,
Dummy Q.	belts, etc.
	○ Girl's blouse/shirt
	○ Girl's dress/skirt
	○ Girl's undergarments
	○ Girl's other clothing (e.g. hats, gloves, belts,
	trousers, etc.)
	○ Women's blouse/shirt
	○ Chitenje cloth
	○ Women's dress/skirt
	○ Women's undergarments
	○ Women's other clothing (e.g. hats, gloves,
	belts, trousers, etc.)
	O Boys shoes (include shoes, sandals, boots,
	slippers)

	Men's shoes (include shoes, sandals, boots, slippers)
	○ Girl's shoes (include shoes, sandals, boots,
	slippers)
	○ Women's shoes (include shoes, sandals,
	boots, slippers)
	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.)
	O Torch / flashlight
	○ Umbrella
	O Paraffin lamp (hurricane or pressure)
	O Stationery items (excluding school related)
	O Books (excluding school related)
	○ Music or video cassette or CD/DVD
	○ Tickets for sports / entertainment events
	O House decorations
	Night's lodging in rest house or hotel
	(excluding school or health related)
	(ensuring ensuring en
Item Code: \${H4.1_code}	
	○ Yes
H4.1.1: Over the past 3 months, did your household	○ No
purchase or pay for any of \${item_H4.1}?	O Don't know
	Refused
H4.1.2: How much did you pay for \${item_H4.1}?	
Hint: How much did the \$\{item_H4.1\} cost? Enter -8	
for Don't Know; -9 for Refused Please respond in	
KWACHA (MK)	
MODULE H5.1 NON-FOOD EXPENDITURES OVER	
PAST 12 MONTHS (Head of Household or	
Responsible Adult)	
	○ H5.1
	○ H5.2
	○ H5.3
Dummy O	○ H5.4
Dummy Q.	○ H5.5
	○ H5.6
	○ H5.7
	○ H5.8
Dummy Q.	○ H5.6○ H5.7

	○ H5.9
	○ H5.10
	○ H5.11
	○ H5.12
	○ H5.13
	O H5.14
	O H5.15
	○ H5.16
	O H5.17
	○ H5.18
	Carpet, rugs, drapes, curtains
	Chinen - towels, sheets, blankets
	Mat - sleeping or for drying maize flour
	Mosquito net
	Mattress
	Sports & hobby equipment, musical
	instruments, toys
	Film, film processing, camera
	Cement
	Bricks
Dummy Q.	○ Iron sheets
	○ Construction timber
	○ Council rates
	Insurance - health (MASM, etc.), auto,
	home, life
	○ Fines or legal fees
	O Lobola (bride wealth) costs
	Marriage ceremony costs
	Funeral costs, household members
	Funeral costs, non-household members
	1 -
	(relatives, neighbors/friends)
Item Code: \${H5.1_code}	
	○ Yes
H5.1.1: Over the past one year (twelve months), did	○ No
your household purchase or pay for any of	O Don't know
\${item_H5.1}?	-
_	Refused
H5.1.2: How much did you pay for \$\frac{\\$\{\text{item} \ H5.1\}}{\}?	
Hint: How much did the <u>\${item_H5.1}</u> cost? Enter -8	
for Don't Know; -9 for Refused Please respond in	
KWACHA (MK)	
MODULE H5.2 Health expenditures over the past 12	
months (Head of Household or Responsible Adult)	

	○ H5.19
	O H5.20
Dummy Q.	O H5.21
,	○ H5.22
	O H5.23
	O H5.24
	O Hospitalizations or overnight stay in any
	hospital – total cost for treatment
	Travel to and from the medical facility for
	any overnight stay(s) or hospitalization
	Food costs during overnight stay(s) at the
	medical facility or hospitalization (if not already included above)
Dummy Q.	•
	Over-night(s) stay at a traditional healer's or faith healer's dwelling – total costs for
	treatment
	Travel costs to the traditional healer's or
	faith healer's dwelling for overnight stay(s)
	Food costs during overnight stay(s) at the
	traditional healer's or faith healer's dwelling
	, and the second
Item Code: \${H5.2_code}	
H5.2.1: Over the past one year (twelve months), did	○ Yes
your household purchase or pay for any of	○ No
\${item_H5.2}?	O Don't know
Include estimated value of any in-kind payments or	Refused
borrowed amounts	
H5.2.2: How much did you pay for \$\frac{\frac{1}{1}tem H5.2}{2}?	
Hint: How much did the <u>\${item_H5.2}</u> cost? Enter -8	
for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
MODULE H5.3 Educational expenditures over the past 12 months (Head of Household or Responsible	
Adult)	
	│
	○ H5.26
	○ H5.27
	O H5.28
Dummy Q.	○ H5.29
	O H5.30
	○ H5.31
	○ H5.32

Dummy Q.	 Tuition, including extra tuition fees Expenditures on after school programs and tutoring School books and stationery School uniform Boarding fees Contribution to school building maintenance Transport to and from school Parent/Teacher Association and other related fees
Item Code: \${H5.3_code}	
H5.3.1: Over the past one year (twelve months), did your household purchase or pay for any of \$\{\text{item} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	○ Yes○ No○ Don't know○ Refused
H5.3.2: How much did you pay for \$\frac{\{\text{item } H5.3\}}{\}? Hint: How much did the \$\{\text{item } H5.3\}\) cost? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
MODULE H5.4 Non-food items that may or may not have been purchased over the past 12 months (Head of Household or Responsible Adult)	
H5.4.1: Over the past one year (twelve months), did your household purchase or pay for any woodpoles, bamboo? Note that the value of these items should be entered only if they were purchased or used for household use, not for investment purposes.	○ Yes○ No○ Don't know○ Refused
H5.4.1a: What was the estimated total quantity of the woodpoles, bamboo used? Enter -8 for Don't Know; -9 for Refused	
H5.4.1b: Specify Unit	
H5.4.2: Did your household gather the <u>woodpoles</u> , <u>bamboo</u> , or did your household purchase or pay for the <u>woodpoles</u> , <u>bamboo</u> ?	○ Gathered○ Purchased○ Don't Know○ Refused
H5.4.2a: What was the total estimated value of woodpoles, bamboo that you used?	

Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H5.4.2b: How much did you spend in total onwoodpoles, bamboo? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H5.4.3: Over the past one year (twelve months), did your household purchase or pay for any grass for thatching roof or other use? Note that the value of these items should be entered only if they were purchased or used for household use, not for investment purposes.	○ Yes○ No○ Don't know○ Refused
H5.4.3a: What was the estimated total quantity of the grass for thatching roof or other use used? Enter -8 for Don't Know; -9 for Refused	
H5.4.3b: Specify Unit	
H5.4.4: Did your household gather the grass for thatching roof or other use, or did your household purchase or pay for the grass for thatching roof or other use?	○ Gathered○ Purchased○ Don't Know○ Refused
H5.4.4a: What was the total estimated value of grass for thatching roof or other use that you used? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H5.4.4b: How much did you spend in total on grass for thatching roof or other use? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H5.4.5: Over the past one year (twelve months), did your household purchase or pay for <u>anything else?</u> Please Specify. Note that the value of these items should be entered only if they were purchased or used for household use, not for investment purposes.	○ Yes○ No○ Don't know○ Refused
H5.4.5a: Please Specify:	
H5.4.5b: What was the estimated total quantity of the \${H5.4.5a} used? Enter -8 for Don't Know; -9 for Refused	
H5.4.4c: Specify Unit	

H5.4.6: Did your household gather the \${H5.4.5a}, or did your household purchase or pay for the grass for thatching roof or other use?	○ Gathered○ Purchased○ Don't Know○ Refused
H5.4.6a: What was the total estimated value of \${H5.4.5a} that you used? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
H5.4.6b: How much did you spend in total on \${H5.4.5a}? Enter -8 for Don't Know; -9 for Refused Please respond in KWACHA (MK)	
MODULE H6. HOUSING EXPENDITURES (Head of Household or Responsible Adult)	
H6.1: Do you own or are purchasing this house, is it provided to you by an employer, do you use it for free, or do you rent this house?	 ○ Own ○ Being purchased ○ Employer provides ○ Free ○ Rented ○ Don't Know ○ Refused
H6.2: If you sold this dwelling today, how much would you receive for it in KWACHA (MK)? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H6.3: How old is this house, in years? Use "0" if the house is less than a one year old.	
H6.4: If you rented this dwelling out today, how much rent would you receive in KWACHA (MK)? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H6.4a: Indicate in what unit the respondent would rent	○ Day○ Week○ Month○ Year○ Don't Know○ Refused
H6.5: How much do you pay to rent this dwelling in KWACHA (MK)? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	

H6.5a: Indicate in what unit the respondent would rent	○ Day○ Week○ Month○ Year○ Don't Know○ Refused
H6.6: Do you pay a mortgage on this house, that is, a regular payment towards purchasing the house?	○ Yes○ No○ Don't know○ Refused
H6.7: How often do you make mortgage payments? Enter -8 for Don't Know; -9 for Refused	 Once a month Once every 3 months Once every 6 months Once a year Other (Specify) Don't Know Refused
H6.7a: Please specify: Enter -8 for Don't Know; -9 for Refused	
H6.8: How much do you pay each time you make a payment on your mortgage in KWACHA (MK)? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
H6.9: In the past one month, how much did you spend on repairs & maintenance to this house in KWACHA (MK)? Indicate in KWACHA (MK) Enter -8 for Don't Know; -9 for Refused	
MODULE H7: NON-FOOD EXPENDITURES OVER PAST ONE MONTH (Head of Household or Responsible Adult)	
Dummy Q.	 ○ H7.1 ○ H7.2 ○ H7.3 ○ H7.4 ○ H7.5 ○ H7.6 ○ H7.7 ○ H7.8 ○ H7.9 ○ H7.10 ○ H7.11

	○ H7.12
	○ H7.13
	○ H7.14
	○ H7.15
	○ H7.16
	○ H7.17
	O H7.18
	○ H7.19
	○ H7.20
	○ H7.21
	○ H7.22
	○ H7.23
	○ H7.24
	○ H7.25
	○ H7.26
	○ H7.27
	○ H7.28
	○ H7.29
	○ H7.30
	○ H7.31
	○ H7.32
	○ H7.33
	○ H7.34
	○ H7.35
	○ H7.36
	○ Bed//table/chair
	Fan
	Air conditioner
	Radio
	Tape or CD/DVD player/VCR
	O Television
	Sewing machine
	○ Kerosene/paraffin stove
Dummy Q.	© Electric stove; hot plate
·	Gas stove
	Refrigerator
	Washing machine
	Bicycle
	Boat
	○ Motorcycle/scooter
	Car
	○ Mini-bus
	○ Lorry

	O Beer-brewing drum
	O Upholstered chair, sofa set
	○ Coffee table (for sitting room)
	Cupboard, drawers, bureau
	Cantern (paraffin)
	O Desk
	○ Clock
	○ Iron (for pressing clothes)
	Computer equipment & accessories
	Satellite dish
	Solar panel
	Generator
	O Phone/cell phone
	C Local (indigenous) goats
	Exotic (improved breed) goats
	O Local (indigenous) chickens
	Exotic (improved breed) chickens
	O Pigeons
Item Code: \${H7.1_code}	
	○Yes
H7.1.1: Does your household own any of	○ No
\${item H7.1}?	O Don't know
	Refused
117.4.2.11	
H7.1.2: How many \$\fitem H7.1\} do you own?	
H7.1.3: What is the age of <u>\${item_H7.1}/s</u> ?	
Age in years. If more than one item, average age	
Enter -8 for Don't Know; -9 for Refused	
H7.1.4: If you wanted to sell these \$\frac{\sqrt{item_H7.1}/s}{\text{today, how much would you receive?}}	
Indicate in KWACHA (MK) Enter -8 for Don't Know; -9	
for Refused	
	○ Yes
H7.1.5: Did you purchase or pay for any of these	○ No
\$\frac{\(\) \text{item H7.1}/s \(\) in the last 12 months?	O Don't know
	○ Refused
H7.1.6: How much did you pay for all these	
\$\frac{\text{item H7.1}}{s}\$ all together (in total) in the last 12	
months?	
Indicate in KWACHA (MK) Enter -8 for Don't Know; -9	
for Refused	

MODULE WEAI. WOMEN'S EMPOWERMENT IN AGRICULTURE INDEX	
Skip WEAI Module for Female-Headed households or if husband away more than 6 months per year. In these cases, select 'No I don not agree to participate' for question LO2, following	
L01: Please select the name of the eligible household member The primary female decision maker identified in Module A is "\${A09}"	<pre> \$\{hm1\} \$\{hm2\} \$\{hm3\} \$\{hm4\} \$\{hm5\} \$\{hm6\} \$\{hm7\} \$\{hm8\} \$\{hm9\} \$\{hm10\} \$\{hm11\} \$\{hm12\} \$\{hm13\} \$\{hm14\} \$\{hm15\} \$\{hm16\} \$\{hm16\} \$\{hm16\} \$\{hm17\} \$\{hm16\} \$\{hm17\} \$\{hm18\} \$\{hm18\} \$\{hm19\} \$\{hm20\} \$\{hm21\} \$\{hm22\} \$\{hm21\} \$\{hm23\} \$\{hm25\} </pre>
L02: Does "\$\{L01\}" give consent to participate in Module L: Women's empowerment in agriculture index (WEAI)?	Yes, I agree to participate in the this moduleNo, I do not agree to participate in ths moduleHousehold Member was not available
L02a: What is the marital status of "\${L01}"?	 ○ Married or living together ○ Divorced/separated ○ Widowed ○ Never married and never lived together ○ Don't Know ○ Refused
L02b: Is "\${L01}" 18 years of the age or older?	○ Yes ○ No

	O Don't know Refused
LO2c: Type of household	○ Male and Female Adult○ Female Adult Only○ Male Adult Only○ Don't know○ Refused
L35: Please explain in detail why this section was not completed	
Module 2: Role in household decision-making around production and income generation	
L03: Did you (singular) participate in "food crop farming: crops that are grown primarily for household food consumption" in the past 12 months?	○ Yes○ No○ Don't know○ Refused
LO3a: How much input did you have in making decisions about "food crop farming: crops that are grown primarily for household food consumption"?	 No input Input into very few decisions Input into some decisions Input into most decisions Input into all decisions No decision made Refused
LO3b: How much input did you have in decisions on the use of income generated from "food crop farming: crops that are grown primarily for household food consumption"?	 No input Input into very few decisions Input into some decisions Input into most decisions Input into all decisions No decision made Refused
LO4: Did you (singular) participate in "cash crop farming: crops that are grown primary for sale in the market" in the past 12 months?	○ Yes○ No○ Don't know○ Refused
LO4a: How much input did you have in making decisions about "cash crop farming: crops that are grown primary for sale in the market"?	 No input Input into very few decisions Input into some decisions Input into most decisions Input into all decisions No decision made Refused
LO4b: How much input did you have in decisions on the use of income generated from "cash crop"	No inputInput into very few decisions

farming: crops that are grown primary for sale in the	O Input into some decisions
market"?	O Input into most decisions
	O Input into all decisions
	No decision made
	Refused
	○ Yes
L05: Did you (singular) participate in "livestock	○ No
raising" in the past 12 months?	O Don't know
	○ Refused
	○ No input
	O Input into very few decisions
L05a: How much input did you have in making	O Input into some decisions
decisions about "livestock raising"?	O Input into most decisions
accisions about <u>investock raising</u> .	Input into all decisions
	O No decision made
	Refused
	O No input
	O Input into very few decisions
L05b: How much input did you have in decisions on	O Input into some decisions
the use of income generated from "livestock	O Input into most decisions
raising"?	O Input into all decisions
	O No decision made
	Refused
L06: Did you (singular) participate in "non-farm	○ Yes
economic activities: Small business, self-	○ No
employment, buy-and-sell" in the past 12 months?	O Don't know
	Refused
	O No input
	O Input into very few decisions
L06a: How much input did you have in making	O Input into some decisions
decisions about "non-farm economic activities: Small	O Input into most decisions
business, self-employment, buy-and-sell"?	O Input into all decisions
	O No decision made
	Refused
	O No input
L06b: How much input did you have in decisions on	O Input into very few decisions
the use of income generated from "non-farm	O Input into some decisions
economic activities: Small business, self-	O Input into most decisions
employment, buy-and-sell"?	O Input into all decisions
	O No decision made
	Refused

L07: Did you (singular) participate in "wage and salary employment: in-kind or monetary work both agriculture and other wage work" in the past 12 months?	○ Yes○ No○ Don't know○ Refused
L07a: How much input did you have in making decisions about "wage and salary employment: inkind or monetary work both agriculture and other wage work"?	 ○ No input ○ Input into very few decisions ○ Input into some decisions ○ Input into most decisions ○ Input into all decisions ○ No decision made ○ Refused
L07b: How much input did you have in decisions on the use of income generated from "wage and salary employment: in-kind or monetary work both agriculture and other wage work"?	 ○ No input ○ Input into very few decisions ○ Input into some decisions ○ Input into most decisions ○ Input into all decisions ○ No decision made ○ Refused
L08: Did you (singular) participate in <u>"fishing or fishpond culture"</u> in the past 12 months?	○ Yes○ No○ Don't know○ Refused
L08a: How much input did you have in making decisions about "fishing or fishpond culture"?	 ○ No input ○ Input into very few decisions ○ Input into some decisions ○ Input into most decisions ○ Input into all decisions ○ No decision made ○ Refused
L08b: How much input did you have in decisions on the use of income generated from "fishing or fishpond culture"?	 ○ No input ○ Input into very few decisions ○ Input into some decisions ○ Input into most decisions ○ Input into all decisions ○ No decision made ○ Refused
Module 3: Access to credit	
L09: Have you taken out a cash loan in the past 12 months?	○ Yes○ No○ Don't know○ Refused

L10: Why not?	 Didn't need Couldn't find a loan that met my needs" (i.e. "is appropriate" in terms of size, terms, etc.); Afraid I couldn't pay back No loan providers in my area Other (specify) Don't know Refused
L10a: Please specify	
Lending Sources	
L11: Has anyone in your household taken any loans or borrowed cash/in-kind from "non-governmental organization (NGO)" in the past 12 months?	 Yes, cash Yes, in-kind Yes, cash and in-kind No loans taken out or money/in-kind borrowed in the past 12 months Don't know Refused
L11a: Who made the decision to borrow from <u>"non-governmental organization (NGO)"</u> ?	 Self Partner/Spouse Self and partner/spouse jointly Other household member Self and other household member(s) Partner/Spouse and other household member(s) Someone (or group of people) outside the household Self and other outside people Partner/Spouse and other outside people Self, partner/spouse and other outside people Refused
L11b: Who makes the decision about what to do with the money/ item borrow from "non-governmental organization (NGO)"?	 Self Partner/Spouse Self and partner/spouse jointly Other household member Self and other household member(s) Partner/Spouse and other household member(s) Someone (or group of people) outside the household Self and other outside people Partner/Spouse and other outside people

	Self, partner/spouse and other outside
	people
	Refused
L12: Has anyone in your household taken any loans or borrowed cash/in-kind from "informal lender" in	Yes, cashYes, in-kindYes, cash and in-kindNo loans taken out or money/in-kind
the past 12 months?	borrowed in the past 12 months O Don't know Refused
L12a: Who made the decision to borrow from "informal lender"?	 Self ○ Partner/Spouse ○ Self and partner/spouse jointly ○ Other household member ○ Self and other household member(s) ○ Partner/Spouse and other household member(s) ○ Someone (or group of people) outside the household ○ Self and other outside people ○ Partner/Spouse and other outside people ○ Self, partner/spouse and other outside people ○ Refused
L12b: Who makes the decision about what to do with the money/ item borrow from "informal lender"?	 ○ Self ○ Partner/Spouse ○ Self and partner/spouse jointly ○ Other household member ○ Self and other household member(s) ○ Partner/Spouse and other household member(s) ○ Someone (or group of people) outside the household ○ Self and other outside people ○ Partner/Spouse and other outside people ○ Self, partner/spouse and other outside people ○ Refused
L13: Has anyone in your household taken any loans or borrowed cash/in-kind from <u>"formal lender</u> (bank/financial institution)" in the past 12 months?	 Yes, cash Yes, in-kind Yes, cash and in-kind No loans taken out or money/in-kind borrowed in the past 12 months

	O Don't know
	Refused
	○ Self
	O Partner/Spouse
	○ Self and partner/spouse jointly
	Other household member
	Self and other household member(s)
	O Partner/Spouse and other household
L13a: Who made the decision to borrow from "formal lender (bank/financial institution)"?	member(s)
	Someone (or group of people) outside the
	household
	Self and other outside people
	O Partner/Spouse and other outside people
	Self, partner/spouse and other outside
	people
	Refused
	○ Self
	O Partner/Spouse
	○ Self and partner/spouse jointly
	Other household member
	Self and other household member(s)
	O Partner/Spouse and other household
L13b: Who makes the decision about what to do	member(s)
with the money/ item borrow from <u>"formal lender</u>	○ Someone (or group of people) outside the
(bank/financial institution)"?	household
	○ Self and other outside people
	O Partner/Spouse and other outside people
	○ Self, partner/spouse and other outside
	people
	Refused
	○ Yes, cash
L14: Has anyone in your household taken any loans or borrowed cash/in-kind from "friends or relatives" in the past 12 months?	○ Yes, in-kind
	Yes, cash and in-kind
	○ No loans taken out or money/in-kind
	borrowed in the past 12 months
	O Don't know
	Refused
	Self
	O Partner/Spouse
L14a: Who made the decision to borrow from	Self and partner/spouse jointly
"friends or relatives"?	Other household member
	Self and other household member(s)
	O Partner/Spouse and other household

	member(s) Someone (or group of people) outside the household Self and other outside people Partner/Spouse and other outside people Self, partner/spouse and other outside people Refused
L14b: Who makes the decision about what to do with the money/ item borrow from "friends or relatives"?	 Self ○ Partner/Spouse ○ Self and partner/spouse jointly ○ Other household member ○ Self and other household member(s) ○ Partner/Spouse and other household member(s) ○ Someone (or group of people) outside the household ○ Self and other outside people ○ Partner/Spouse and other outside people ○ Self, partner/spouse and other outside people ○ Refused
L15: Has anyone in your household taken any loans or borrowed cash/in-kind from "group based microfinance or lending including VSLAs / SACCOs/ merrygo-rounds" in the past 12 months?	 Yes, cash Yes, in-kind Yes, cash and in-kind No loans taken out or money/in-kind borrowed in the past 12 months Don't know Refused
L15a: Who made the decision to borrow from "group based micro-finance or lending including VSLAs / SACCOs/ merry-go-rounds"?	 Self ○ Partner/Spouse ○ Self and partner/spouse jointly ○ Other household member ○ Self and other household member(s) ○ Partner/Spouse and other household member(s) ○ Someone (or group of people) outside the household ○ Self and other outside people ○ Partner/Spouse and other outside people ○ Self, partner/spouse and other outside people ○ Refused

L15b: Who makes the decision about what to do with the money/ item borrow from "group based micro-finance or lending including VSLAs / SACCOs/merry-go-rounds"?	 Self ○ Partner/Spouse ○ Self and partner/spouse jointly ○ Other household member ○ Self and other household member(s) ○ Partner/Spouse and other household member(s) ○ Someone (or group of people) outside the household ○ Self and other outside people ○ Partner/Spouse and other outside people ○ Self, partner/spouse and other outside people ○ Self, partner/spouse and other outside ○ Refused
Module 4: Group Membership	
L16: Is there an "agricultural / livestock/ fisheries producer's group (including marketing groups)" in your community?	○ Yes○ No○ Don't know○ Refused
L16a: Are you an active member of this <u>"agricultural</u> / <u>livestock/ fisheries producer's group (including marketing groups)"</u> ?	○ Yes○ No○ Don't know○ Refused
L17: Is there a <u>"Water users' group"</u> in your community?	○ Yes○ No○ Don't know○ Refused
L17a: Are you an active member of this <u>"Water</u> users' group"?	○ Yes○ No○ Don't know○ Refused
L17b: Does the water user's group manage communal water for livestock in this village?	○ Yes○ No○ Don't know○ Refused
L17c: Does the water user's group manage communal water for irrigation in this village?	○ Yes○ No○ Don't know○ Refused
L18: Is there a <u>"forest users' group</u> in your community?	○ Yes ○ No

	O Don't know Refused
L18a: Are you an active member of this <u>"forest users' group"?</u>	○ Yes○ No○ Don't know○ Refused
L19: Is there a "credit or microfinance group (including SACCOs/merry-go-rounds/ VSLAs)" in your community?	○ Yes○ No○ Don't know○ Refused
L19a: Are you an active member of this "credit or microfinance group (including SACCOs/merry-gorounds/ VSLAs)"?	○ Yes○ No○ Don't know○ Refused
L20: Is there a <u>"savings groups (VSLA, merry-go-rounds, etc.)</u> " in your community?	○ Yes○ No○ Don't know○ Refused
L20a: Are you an active member of this <u>"savings</u> groups (VSLA, merry-go-rounds, etc.)"?	○ Yes○ No○ Don't know○ Refused
L21: Is there a "mutual help or insurance group (including burial societies)" in your community?	○ Yes○ No○ Don't know○ Refused
L21a: Are you an active member of this "mutual help or insurance group (including burial societies)"?	○ Yes○ No○ Don't know○ Refused
L22: Is there a <u>"trade and business association</u> " in your community?	○ Yes○ No○ Don't know○ Refused
L22a: Are you an active member of this "trade and business association"?	○ Yes○ No○ Don't know○ Refused
L23: Is there a "civic groups (improving community) or charitable group (helping others) " in your community?	○ Yes○ No○ Don't know○ Refused

L23a: Are you an active member of this "civic groups (improving community) or charitable group (helping others) "?	○ Yes○ No○ Don't know○ Refused
L24: Is there a <u>"local government"</u> in your community?	○ Yes○ No○ Don't know○ Refused
L24a: Are you an active member of this <u>"local government"</u> ?	○ Yes○ No○ Don't know○ Refused
L25: Is there a <u>"religious group (e.g. mother's union)"</u> in your community?	○ Yes○ No○ Don't know○ Refused
L25a: Are you an active member of this <u>"religious</u> group (e.g. mother's union)"?	○ Yes○ No○ Don't know○ Refused
L26: Is there a <u>"mother's group"</u> in your community?	○ Yes○ No○ Don't know○ Refused
L26a: Are you an active member of this <u>"mother's group"?</u>	○ Yes○ No○ Don't know○ Refused
L27: Is there a "youth group" in your community?	○ Yes○ No○ Don't know○ Refused
L27a: Are you an active member of this "youth group"?	○ Yes○ No○ Don't know○ Refused
L28: Is there a <u>"farmers'/cattle rearing cooperative"</u> in your community?	YesNoDon't knowRefused
L28a: Are you an active member of this "farmers'/cattle rearing cooperative"?	○ Yes ○ No

	O Don't know Refused
L29: Is there a <u>"communal grazing land users' group"</u> in your community?	○ Yes○ No○ Don't know○ Refused
L29a: Are you an active member of this "communal grazing land users' group"?	○ Yes○ No○ Don't know○ Refused
L29b: Does the group decide who in the village can use communal grazing land and when they can use it?	○ Yes○ No○ Don't know○ Refused
L30: Is there a "communal natural resources group (area land committee)" in your community?	○ Yes○ No○ Don't know○ Refused
L30a: Are you an active member of this "communal natural resources group (area land committee)"?	○ Yes○ No○ Don't know○ Refused
L30b: Does the communal natural resources group decide who in the village can gather firewood and how much?	○ Yes○ No○ Don't know○ Refused
L31: Is there a "disaster planning /response group (resilience action committee)" in your community?	○ Yes○ No○ Don't know○ Refused
L31a: Are you an active member of this "disaster planning /response group (resilience action committee)"?	○ Yes○ No○ Don't know○ Refused
L32: Is there a <u>"peace committee</u> " in your community?	○ Yes○ No○ Don't know○ Refused
L32a: Are you an active member of this <u>"peace</u> committee"?	○ Yes○ No○ Don't know○ Refused

L33: Is there a <u>"other women's group (only if it does not fit into one of the other categories)</u> " in your community?	○ Yes○ No○ Don't know○ Refused
L33a: Are you an active member of this "other women's group (only if it does not fit into one of the other categories)"?	○ Yes○ No○ Don't know○ Refused
L34: Are there any other membership groups in your community?	○ Yes○ No○ Don't know○ Refused
L34a: Please Specify	
L34b: Are you an active member of this <u>"\${L34a}</u> "?	○ Yes○ No○ Don't know○ Refused
End of WEAI Module Female respondent must be 18 years of age or older.	
Ability to interviewed $\frac{1}{2}$ alone:	 ○ Alone ○ With adult females present ○ With adult males present ○ With adults mixed sex present ○ With children present ○ With adults mixed sex and children present
End of Survey THANK YOU	
Interviewer's Observations	
Outcome of interview	○ Completed○ Incomplete○ Absent○ Refused○ Could not locate
Comments about respondent:	
Comments on specific questions:	
Any other comments:	

Anthropometric Survey

Malawi - Anthropometry Survey	
Begin Module A: Household ID and Informed Consent Head of HH and/or Responsible Adult (Primary Caregiver) with need to provide consent before measurement	
A01: Region	Eastern RegionSouthern Region
A02: District	
	STA Nchinguza - 30205
A03: Traditional Authority Code	 □ TA Nkoola - 30207 □ TA Chikweo - 30211 □ TA Ngokwe - 30212 □ TA Kapoloma - 30214 □ TA Nyambi - 30215 □ TA Msamala-31201 □ TA Kalembo - 31202 □ STA Kachenga - 31203 □ TA Amidu - 31204 □ TA Sawali - 31208 □ STA Matola - 31209 □ TA Ngabu - 31001 □ TA Lundu - 31002 □ TA Chapananga - 31003 □ TA Maseya - 31004
	 ○ TA Katunga - 31005 ○ TA Kasisi - 31006 ○ TA Makhwira - 31007 ○ STA Ndakwela - 31008 ○ TA Mlilima - 31009 ○ STA Masache - 31010 ○ TA Ndamera - 31101 ○ TA Mlolo - 31104 ○ TA Tengani - 31105 ○ TA Malemia - 31106 ○ TA Mbenje - 31107

	◯ TA Ngabu - 31108			
	◯ TA Kapeni - 30501			
	○ TA Lundu - 30502			
	◯ TA Chigaru - 30503			
	 ○ TA Cingalu - 30303 ○ TA Kunthembwe - 30504 ○ TA Makata - 30505 ○ TA Kuntaja - 30506 			
	○ TA Machinjiri - 30507			
	○ TA Somba - 30508			
	O meemaa eesee			
	d_cat=\${A02}			
	○ EA-003			
	○ EA-020			
	○ EA-010			
	○ EA-024			
	○ EA-037			
	○ EA-016			
	○ EA-036			
	○ EA-053			
	○ EA-072			
	○ EA-011			
	○ EA-032			
	○ EA-801			
	○ EA-016			
	○ EA-034			
	○ EA-051			
	○ EA-010			
A04: Enumeration area (EA) code	○ EA-026			
	○ EA-042			
	○ EA-057			
	○ EA-005			
	○ EA-027			
	○ EA-048			
	○ EA-073			
	○ EA-010			
	○ EA-026			
	○ EA-003			
	○ EA-021			
	○ EA-039			
	○ EA-017			
	○ EA-021			
	○ EA-003			
	○ EA-003			
	O 14-015			

○ EA-029
○ EA-049
○ EA-068
○ EA-093
○ EA-112
○ EA-130
○ EA-011
○ EA-033
○ EA-816
○ EA-023
○ EA-047
○ EA-068
○ EA-087
○ EA-014
○ EA-032
○ EA-014
○ EA-008
O EA-011
○ EA-022
○ EA-038
○ EA-064
© EA-010
© EA-007
© EA-013
© EA-008
© EA-025
© EA-010
© EA-034
© EA-051
○ EA-006○ EA-024
○ EA-012
○ EA-012
○ EA-012
○ EA-009
○ EA-016
○ EA-033
○ EA-048
○ EA-068
○ EA-802
○ EA-008
○ EA-001
○ EA-029

	○ EA-050
	○ EA-015
	○ EA-040
	○ EA-004
	○ EA-003
	○ EA-026
	○ EA-043
	○ EA-066
	○ EA-081
	○ EA-016
	○ EA-006
	○ EA-029
	○ EA-052
	○ EA-077
	○ EA-803
	ta_cat=\${A03}
A05: Household number (HH)	
Household Listing ID: This is the HH number from the listing	
map (sketch map)	
A05b: Household number (HH)	
Question A05b is an intentional duplicate question.	
Enumerator must correctly enter the "Household Number"	
twice in order to continue with the survey.	
	O Agnes Chimchere-011
	O Dina Kapunula-021
	○ Ednas Chadzuka-031
	O Prudence Pendame-041
	Samantha Mkochi-111
	○ Zawadi Nkhata-121
	Rose K. Shonga-131
A06. Anthropometrist Team and Codes	O Noreen Ng'ambi-141
	O Nomsa Kanyenda-151
	O Joyce Makokola-211
	Memory Chirwa-221
	○ Triza Mtengeni-311
	Mphatso Kamloza-321
	O Brown Chikopa-411
	O Pempho Makoka-421
Anthropometry Children Section (children under 5 years of	
age)	

ant_1. Please enter the name of the child If there are no eligible children with their primary caregivers, please enter -10 here. In the next screen, DO NOT add another group	
ant_1a. Please enter the HH member ID number from the Household Roster This number should match the number of the same person that the enumerator interviews.	\${ant_1}!=-10
ant_2. Please enter the name of the primary caregiver	\${ant_1}!=-10
ant_3. Does \${ant 2} give consent to participate in the survey and allow his/her child to be meaured for height and weight?	\${ant_1}!=-10 O Yes, I agree to participate in the
Before beginning any measurement, consent must be obtained from the primary caregiver of the child to be weighed and measured. Consent is necessary before taking any measurements. If the person refuses to participate, respect this decision and do not take any measurement. Always thank the caregiver.	survey and allow your child to be weighed and measured No, I do not agree to participate in the survey and allow your child to be weighed and measured
ant_4. Does \$\frac{\\${\text{ant 2}}}{\text{have any documents with the birth date of \$\frac{\\${\text{ant 1}}}{\text{recorded}?}	\${ant_3}= 1 and \${ant_1}!=-10 Birth Certificate Baptismal/Church Record Health Registration Card Home Record Parent Statement Specify Other: Does Not Know Refused
ant_4a. Specify Other	selected (\${ant_4}, "6")
Instructions for Birth conversion Table: 1. Use the child's birth year given in question ant_5, to covert child's age into months 2. To use Birth conversion Table go to the appropriate table as labeled on the side of each table "Birth Date". Example: If the child is born in 2017, use the table with "Birth Date – 2017" on the side. 3. Using the current month, select the appropriate "Study Date" column. Example: If it is April 2019, use the middle column labeled Apr 4. Check the child's birth month and cross the appropriate "Study Date" month column with the row of the child's birth month. Example: Today is April 11, 2019 and the	

child is born on September 27, 2017. Cross the middle column "Apr." with the row "Sept." in the table "Birth Date – 2017". 5. The digit in the cell where the column of the study month and the birth month of the child meet is the child's age in months. For the example above, the child is 19 months old. 6. Enter this number for question ant_5a. Double check for consistency	
ant_5. What is the birthdate of \$\{\text{ant 1}\}? Please record birthday shown on the documents given by the primary caregiver If \$\{\text{ant_1}\}'s records are not available, please ask the primary caregiver what \$\{\text{ant_1}\}'s birthday is and record below.	Day: Month: Year:
ant_5a. What is the age of \$\{\text{ant 1}\}\ in months? Children need to be 59 months or younger, if older please enter -10 and you will be prompted to add another eligible child ("add group") or move on to the Women's section of the Anthropometry Module.	\${ant_3}= 1
ant_6. Sex of <u>\${ant_1}</u>	○ Male○ Female
ant_7. Weight of \$\{\text{ant 1}\}\ in Kilograms For weight measurements, be sure to include TWO numbers after the decimal point (eg, XX.XX) If \$\{\text{ant_1}\}\ was unable to be measured please enter "-9" for measurement	
ant_8. Height of \$\frac{\\${\text{ant}} \ 1}{\text{in Centimeters}}\$ For height measurements, be sure to include ONE number after the decimal point (e.g., XX.X) If \$\{ant_1\}\$ was unable to be measured please enter "-9" for measurement	
ant_9. How was \${ant_1} measured?	\${ant_8}!=-9 O Standing up Laying down
ant_10. Results of Measurement Process for \${ant_1}	MeasuredNot measuredRefused to answerSpecify other
ant_10a. Specify Other	selected (\${ant_10}, "4")
ant_11. Comments on measurement procedure Please explain if \${ant_1} was unable to be measured or include any additional comment that is important.	

ant_12. Does \${ant_1} have EDEMA?	Yes, this child has edemaNo, this child DOES NOT have edema		
ant_12a. Does the supervisor confirm that \${ant 1} has edema?	\${ant_12}=1 O Yes, this child has edema O No, this child DOES NOT have edema		
ant_13. Why has this section not being completed?	\${ant_1}=-10		
ant_14. Why was \$\frac{\$\{\text{ant} \ 2\}}{\text{unable to complete the survey}}	\${ant_3}=2		
All Children must be under the age of 5 years old (59 months or younger) If there is more than one eligible child with their primary caregiver, please add additional respondents by clicking on "add group."	\${ant_1}!=-10		
Anthropometry Women's Section: Selected Women's (15-49 years of age) Information. Responsible female adult will need to provide consent before measurements			
SW_1. Name of eligible woman to be measured Only include women between the 15-49 years of age, women who are not pregnant, women who have not given birth in the last two MONTHS If there are no eligible women available, please enter -10 here.			
SW_1a. Please enter the HH member ID number from the Household Roster. This number should match the number of the same person that the enumerator interviews.	\${SW_1}!=-10		
SW_2. Does \${SW_1} give consent to participate in the survey and allow herself to be weighted and measured? Before beginning any measurement, consent must be obtained from the eligible female to be weighed and measured, before taking any measurements. If the person refuses to participate, respect this decision and do not take any measurement. Always thank the respondent. SW_3. Is \${SW_1} currently pregnant All women must be NON-PREGNANT	\$\{\sum_1\}!=-10 O Yes, I agree to participate in the survey and allow myself to be weighed and measured O No, I do not agree to participate in the survey and allow myself to be weighed and measured \$\{\sum_2\}=1		

	○ Yes, I am pregnant○ No, I am NOT pregnant○ Does not know○ Refused to answer
SW_4. How old is \$\{SW_1\} (in YEARS) Eligible women need to be between 15 and 49 years of age, if older or younger please enter -10 and you will be prompted to add any other eligible woman.	\${SW_3}!=1 and \${SW_2}= 1
SW_6. Weight in Kilograms of \$\{SW_1\} For weight measurements, be sure to include two numbers after the decimal point (e.g., XX.XX) If \$\{SW_1\} was unable to be measured please enter "-8" for measurement If \$\{SW_1\} decides to refuse to be measured enter "-9" for question \$SW_7\$	
SW_7. Height of in Centimeters of \${SW_1} For height measurements, be sure to include ONE number after the decimal point (e.g., XX.X) If \${SW_1} was unable to be measured please enter "-8" for measurement	
SW_8. Results of Measurement Process for \$\frac{\\${\text{SW}}\$1}	MeasuredNot measuredRefused to answerSpecify other
SW_8a. Specify Other	selected (\${SW_8}, "3")
SW_9. Comments on measurement procedure Please explain if \${SW_1} was unable to be measured.	
SW_10. Why has this section not being completed?	\${SW_1}=-10
SW_11. Why was \$\{SW_1\} unable to complete the survey	\${SW_2}= 2
Please inquire if there are any other eligible women in the HH. If yes, "add group" in the next screen. If there are no more eligible women to be measured, select "do not add" group in the next screen. Please be sure that women are not pregnant and are aged between 15 and 49 years old.	\${SW_1}!=-10
End of Survey! THANK YOU! Please continue to Interviewer's Observations	

Comments about interviews: To be done after Interview	
Comments on specific questions: To be done after Interview	
Any other comments: To be done after Interview	

ANNEX J: DISCLOSURE OF CONFLICTS OF INTEREST

All core evaluation team members completed and signed the form below. No conflicts of interest were noted. The completed forms are available from TANGO upon request.

Name			
Title			
Organization			
Evaluation Position?	Team	Leader	Team member
Evaluation Award Number (contract or other instrument)			
USAID Project(s) Evaluated (Include project name(s),			
implementer name(s) and award number(s), if applicable)			
I have real or potential conflicts of interest to disclose.	Yes	No	
If yes answered above, I disclose the following facts:			
Real or potential conflicts of interest may include, but are not			
limited to:			
1. Close family member who is an employee of the USAID			
operating unit managing the project(s) being evaluated or the			
implementing organization(s) whose project(s) are being evaluated.			
2. Financial interest that is direct, or is significant though indirect,			
in the implementing organization(s) whose projects are being			
evaluated or in the outcome of the evaluation.			
3. Current or previous direct or significant though indirect			
experience with the project(s) being evaluated, including			
involvement in the project design or previous iterations of the project.			
4. Current or previous work experience or seeking employment			
with the USAID operating unit managing the evaluation or the			
implementing organization(s) whose project(s) are being			
evaluated.			
5. Current or previous work experience with an organization that			
may be seen as an industry competitor with the implementing			
organization(s) whose project(s) are being evaluated. 6. Preconceived ideas toward individuals, groups, organizations,			
or objectives of the particular projects and organizations being			
evaluated that could bias the evaluation.			
	1		

I certify (1) that I have completed this disclosure form fully and to the best of my ability and (2) that I will update this disclosure form promptly if relevant circumstances change. If I gain access to proprietary information of other companies, then I agree to protect their information from unauthorized use or disclosure for as long as it remains proprietary and refrain from using the information for any purpose other than that for which it was furnished.

Signature	
Date	

ANNEX K: ADDITIONAL ANALYSIS OF PBS DATA

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Acronyms

CU2 children under two years

CU5 children under five years

DFAP Development Food Assistance Project

EA enumeration area

FFP Food for Peace

GVH Group Village Head

HDDS Household Dietary Diversity Score

HH Household

MCHN Maternal, and Child Health and Nutrition

NRM Natural Resource Management

OLS ordinary least squares

PBS population-based survey

PCI Project Concern International

TANGO Technical Assistance to Non-Governmental Organizations

USAID United States Agency for International Development

WASH water, sanitation, and hygiene

WE/VSL Women's Empowerment/Village Savings and Loans

1. Introduction

This report is a supplement to the *Final Performance Evaluation of the Food for Peace Njira Development Food Assistance Project (DFAP) in Malawi.* It provides results from additional analysis of quantitative data from the Njira project. Specifically, this analysis applies bivariate and multivariate analysis methods to endline survey data to compare participant to non-participant households at endline. Sample size was a constraint for bivariate analysis but not for multivariate analysis. This report seeks to explain the main methodological issues and to highlight significant findings from the analyses that are possible given the survey design. This analysis is exploratory in nature and does not determine causality.

A note on analysis of impacts of project participation using FFP surveys

It is necessary to emphasize that FFP baseline and endline surveys are population-based, with the objective to track the changes of project indicators over time of the entire population within project implementation areas. They are not designed to be able to measure the changes in outcome and impact indicators that can be directly attributed to project interventions. The population-based and independent sampling design impose several important limitations on analysis to measure the impacts of project interventions:

- There is no way to distinguish between eventual 'treatment" (participant) and "control" households in baseline surveys. For this reason, it is impossible to make comparisons between treatment and control groups prior to treatment: difference-in-difference is not possible. It is also generally not feasible to assume that the average characteristics of treatment and control households are identical prior to project interventions. Most projects explicitly target interventions to more-vulnerable households, or other specific groups within their project implementation areas, so there is expected to be selection bias between the treatment and control groups. In other words, treatment and control groups are likely to be different even at the time of the baseline, so it is not possible to infer that measured differences between project beneficiaries and non-beneficiaries at the endline round can be attributed to project interventions.
- Project beneficiaries typically participate in several different types of project interventions, so
 there is no single "treatment," but rather a range of types and levels of treatment that different
 beneficiaries receive through project participation. Counting all project beneficiaries within a
 single treatment group would impede the ability to accurately measure the effects of these
 different combinations and intensities of treatments.
- Endline surveys are not stratified to capture a statistically adequate number of both beneficiaries
 and non-beneficiaries for certain types of comparisons, particularly direct (bivariate) comparisons
 of results between beneficiaries and non-beneficiaries: there may not be a sufficiently large
 sample of either the beneficiary or non-beneficiary group to permit statistically valid comparisons.

All these limitations to analyzing the impacts of project participation based on independently sampled population-based surveys must be considered when interpreting the results from the analyses presented in this report. Because they are not designed for this type of analysis, FFP endline studies do

 $^{^1}$ TANGO International. 2019. Final Performance Evaluation of the Food for Peace Njira Development Food Assistance Project in Malawi.

not include it. This additional analysis for the Njira final evaluation was conducted at the request of Food for Peace.

2. Methods

Population-based Survey Design

United States Agency for International Development (USAID) Food for Peace (FFP) quantitative performance evaluations use a Population-Based Survey (PBS), where the sample is drawn from the general population in a DFAP implementation area. Households are randomly selected; as such, sampling does not target those who directly participate in DFAP activities.

The statistically representative sample was selected using a multi-stage clustered sampling approach. The sampling frame for the endline study was constructed from the 2018 Population and Housing Census enumeration areas (EAs). The Malawi National Statistics Office provided TANGO with a list of TAs and EAs located in the Njira project implementation area; TANGO used these TAs and EAs as the endline sampling frame. In the first stage of sampling, EAs were drawn with a probability-proportional-to-size (PPS) methodology. In the second sampling stage, households were selected randomly from all households existing in the respective EAs sampled.

Stunting, one of several key measures of food insecurity, was used to compute sample size in the baseline and endline surveys. Sample size is the minimum number of households necessary to detect whether stunting decreased to the project target rate of 31.4 percent (baseline value: 37.9 percent), a reduction of 6.5 percentage points. As shown in Table 1, the total target sample size is 630.

Table 1: Information used to compute sample size

37.9
31.4
1.0
17.9
5.0
377
566
10%
630

The minimum required sample sizes for the baseline and endline surveys were computed to provide estimates of key project indicators (stunting in particular) with similar levels of statistical precision over the two surveys. However, the minimum required sample size for the endline sample was computed to be significantly smaller than what was estimated for the baseline, because at the time of the baseline, there was less available information about characteristics of project populations, so conservative estimates of key parameters were adopted, following FFP guidance.² At the time of the endline, more

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² As described in Appendix A of the Feed the Future Population-Based Survey (PBS) Sampling Guide

accurate estimates of key parameters were available from the baseline results. In particular, the formula used for the baseline to estimate the number of households to achieve a sufficient number of CU5 resulted in a much larger number of children being surveyed than was required for statistical purposes. One reason that the required sample of households to be interviewed in the endline was adjusted downward was therefore to reduce the unnecessary oversampling of CU5. A second reason was that the actual stunting rate in the endline was lower than what was assumed in the baseline sample size calculation. Finally, in Njira, the actual design effect computed from the baseline sample was 1.0: one-half of the assumed value of 2.0 used in the baseline calculations. In sum, adjustments to the minimum required sample of endline households were made for three reasons: a much larger proportion of CU5 per household in the population than expected, a lower rate of stunting than initially estimated, and a lower design effect than initially assumed. These adjustments led to a significantly smaller sample of households required to attain stunting rate estimates with the desired level of statistical precision.

Note: FFP quantitative performance evaluations use a PBS sampling design in which the sample is drawn from the general population in a DFAP implementation area. Accordingly, beneficiaries who directly participate in DFAP activities are not specifically targeted in the quantitative survey; rather, the sample is designed to be statistically representative of the entire population within the project implementation area, which includes DFAP participants and non-participants.

It is important to note that the baseline and endline surveys are independent population-based samples, and there may be systematic, non-random differences between participants and nonparticipants. As a result, observed differences between participant and non-participant groups, whether positive or negative, cannot be directly attributed to DFAP activities: the PBS is not designed to allow comparisons between participants and non-participants. In the case of the Njira survey, only approximately 20 percent of sampled households self-identified as directly participating in any project activity. However, experience from past FFP surveys suggests that self-reporting of participation may not be accurate, which weakens the validity of any comparison of outcomes. Participation is selfreported by respondents, and there are several reasons to suspect that responses may not always be accurate. One reason is that the interview respondent may not be the member of the household who participated in project activities and may not be aware of the participation of other household members. Also, respondents may report participation in an activity but may not be clear whether this activity was supported by the DFSA or a different project or agency. Finally, the respondent may simply mis-remember their own participation or that of other household members in project activities. These inaccuracies will lead to misplacement of households into either participant or nonparticipant categories, thereby compromising the accuracy of the analytical results. The analysis has sought to present more accurate information about project participants by consulting project performance monitoring data.

Comparing participants to non-participants at endline using bivariate analysis

Bivariate analysis techniques were applied to compare participants and non-participants at endline. In summary, this found the following:

- Participant indicator values were higher than non-participant values at a significance level of p<0.1 for seven of 41 indicators:3 women's dietary diversity, percentage of households using improved sanitation, and five agricultural indicators.
- Non-participant values were higher than participants on one indicator: children under 5 years (CU5) consuming foods made from bio-fortified beans.
- There were no statistically significant differences between participants and non-participants in the remaining 33 indicators, including food security outcome indicators.
- A key element of sample size calculations is the targeted change in an indicator. Testing whether a small change or difference in an indicator is statistically significant requires a large sample, whereas larger differences can be detected in smaller samples. In this analysis, some differences between participant and non-participants were large enough to be statistically significant using a much smaller sample of participant households than the 588 estimated for the PBS. These differences were in the range of 13 to 20 percentage points. For most indicators, the sample size of 116 was not large enough to determine whether the difference was statistically significant.

Two research questions related to food security emerged from these findings and guided the multivariate analysis:

- 1) Does the lack of statistically significant differences between participants and non-participants at endline indicate relative improvement for participant households?
- 2) Do the statistically significant improvements shown in five agricultural indicators translate to better food security?

Computing a proxy for baseline participation

The first step in addressing the first research question was to develop a way to indirectly identify households in the baseline dataset that would have been part of Njira programming if it had been in place. The goal was to find an empirical approach to simulate treatment and comparison groups in the baseline because the baseline data were not explicitly stratified into these two groups. The implication of not having treatment and control groups in place in a baseline is that there is not a straightforward, statistically valid means of comparing outcomes for households that directly participated in project interventions with outcomes for households that did not.

Alternative statistical methods were applied to identify key systematic differences between treatment and comparison groups in the endline data that could then be used to estimate or approximate these two groups in the baseline data set. These analyses require variables that are associated with project participation but are not expected to change as a result of participation. Several techniques, including imputation and propensity score matching, were tested, applying several different variables to measure the differences between participants and non-participants. None of the methods was successful. One issue was that few of the candidate measures or variables for identifying participant households based on baseline data were unchanged at endline. The potential explanatory variables used in these analyses included household education level, household size, CU5 in the household, gendered household type, housing materials, household assets, and land ownership, with traditional area as a geographic control variable. These variables were insignificant in equations predicting project participation. Another

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³ This is a count of the basic indicators and does not include findings for results that were further disaggregated by gender or by decision-making "alone" or "joint."

limitation of these statistical methods was that the equations may have been biased due to omitted variables.

The relationship between farmers' adoption of agricultural practices and food security

Multivariate estimation equations also addressed the second research question, regarding the relationship between farmers' adoption of agricultural practices and food security. The dataset includes all farmers in the PBS who completed Module G: Agriculture, both participants and non-participants. The results apply to practices promoted by the project but extend to all households engaging in the practices, whether or not they participated directly in the project. The equations estimate two food security outcomes:

- 1) a logit equation for moderate to severe hunger and
- 2) an ordinary least squares (OLS) equation for Household Dietary Diversity Score (HDDS).

The explanatory variables mirror the FFP agricultural indicators. In separate equations, ⁴ these variables include the following measures of farmer households' ⁵ adoption of practices and use of services:

- use of financial services (coded 1 for use, 0 for non-use);
- use of improved storage practices (coded 1 for use, 0 for non-use);
- count6 of adoption value chain activities;
- count of sustainable crop practices;
- count of sustainable Natural Resource Management (NRM) practices;
- count of sustainable livestock practices; and
- the combination of sustainable agriculture practices (NRM, crop and livestock).

Shock exposure is also included in equations. It is measured as a count of up to 14 shocks reported over the past 12 months. It has a mean of 2.2 and ranges from 0 to 8 in the sample.

The equations include the following control variables:

- household demographics (household size, gendered household type, percentage of adults in the household with more than a primary level of education);
- agricultural and livestock assets (measured as a count of different types of crops and livestock);
- count of farmers in the household; and
- geographic district.

Endline household and farmer datasets were combined by collapsing farmer data. They provide a sample size of 496 for the hunger equations and 509 for the HDDS equations.

Equations are of the form:

⁴ Variables measuring adoption of practices and use of services were not included altogether in one equation because they are correlated and when combined, none show statistically significant associations with food security outcomes.

⁵ The equations include households with farmers who have access to land or livestock. Non-farming households are excluded.

⁶ The multivariate equations use counts instead of the indicator categories to increase variability.

$$Y_i = \alpha + B_1 P_i + B_2 S E_i + B_3 X_i + \epsilon_i$$

where:

- Y is a food security outcome (either the probability of moderate or severe hunger or HDDS);
- B is estimated by the equation and equals the effect of each variable on the outcome, controlling for other variables in the equation;
- P is the list of agricultural practices;
- SE is shock exposure; and
- X is the vector of control variables.

3. Findings

This section begins with descriptive statistics from endline survey data comparing project indicator results for participants and non-participants. The section then discusses indicators where participant values were higher than for non-participants, focusing on results that are statistically significant at p<0.1 or lower. Results from multivariate analysis follow, describing whether farmer's participation in agricultural programming is associated with improved food security. As noted above, measured differences between participants and non-participants at endline cannot be inferred to have resulted from project interventions.

3.1 Comparisons of participants to non-participants at endline

Descriptive statistics comparing participants to non-participants at endline are presented in Annex A. For most indicators, there were no statistically significant differences between participants and non-participants. However, participants were higher than non-participants on one WASH indicator, five agricultural indicators and one women's nutrition indicator. Disaggregation shows that for many of these indicators, a statistically significant comparison at the aggregate level is due to statistically significant differences between female participants and female non-participants. (Note that significance tests compared participants to non-participants – not males to females.)

WASH indicators

A higher percentage of participants (51.2 percent) than non-participants (35.6 percent) used improved sanitation facilities at endline; however, overall, there was a decrease from baseline to endline from 56.5 percent to 38.8 percent.

Agricultural indicators

Participants had higher values than non-participants for five of seven agricultural indicators. Disaggregation by sex shows that these differences are due to higher values for female participants compared to non-participants.

- A higher percentage of participant farmers than non-participant farmers reported using financial services (37.4 percent compared to 25.8 percent) at endline. Among female farmers, 44.2 of participants compared to 24.0 percent of non-participants used financial services.
- Similarly, use of value chain services was higher for participant than non-participant farmers (41.6 percent compared to 24.5 percent). Among female farmers, 46.0 percent of participants reported practicing value chain activities, versus 23.2 percent of non-participants.

- Eight out of ten farmer participants (80.1 percent) used at least two sustainable crop practices and/or technologies, compared to 68.5 percent of non-participants. For both male and female farmers, the percentage using at least two sustainable crop practices or technologies was higher for participants: for male farmers, 77.6 percent of participants compared to 67.3 percent of non-participants, and for female farmers, 81.7 versus 69.3 percent.
- The percentage of participant farmers who used at least three sustainable agriculture (crop, livestock, NRM) practices and/or technologies was higher than non-participant farmers (63.0 percent compared to 47.7 percent). For female farmers, the values for this indicator were 66.3 percent of participants versus 45.1 percent of non-participants.
- The percentage of participant farmers who used improved storage practices was higher than non-participant farmers (27.4 percent and 13.7 percent, respectively). For female farmers, the respective values were 29.9 percent and 14.7 percent.

Women's health and nutrition indicators

Women participants had higher dietary diversity scores than non-participants (3.2 compared to 3.0). (The overall household dietary diversity score was the same at endline for participants and non-participants, at 3.2. and there was no significant difference between baseline and endline).

Food security outcomes

Based on the endline PBS data and baseline estimates from the FFP Outcome Monitoring survey, there were no statistically significant differences in moderate to severe hunger or HDDS between participants and non-participants. However, the results from the PCI Annual Beneficiary Survey show both higher levels of HDDS (and some nutrition indicators) and improvements over the baseline. Differences between these results are likely due to survey timing. The PCI survey took place in September and October at the beginning of the lean season, whereas the baseline and endline FFP Outcome Monitoring Surveys were conducted in July and August in the middle of the rainfed harvest season. Figure 1 shows the Malawi seasonal calendar.

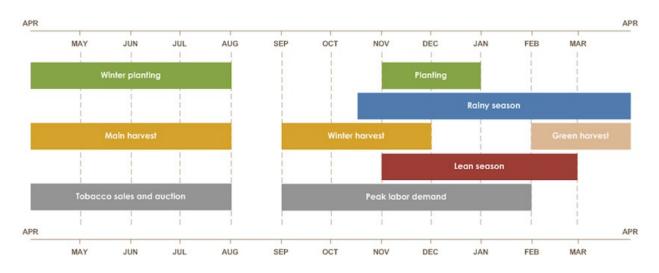


Figure 1. Malawi seasonal calendar

Source: FEWS NET. 2017. Seasonal calendar for a typical year. Malawi https://fews.net/file/87824

3.2 Relationships between farmers' food security and agricultural program participation

In response to the second research question, this section describes findings from several equations estimating relationships between food security outcomes and agricultural indicators. This is an exploratory analysis to examine the relationship between farmer households' food security and use of project-promoted agricultural practices. The analysis focuses on farmer households and includes all farmers identified in the PBS. Households with no farmers are not part of the analysis. It uses variables that are computed as counts of activities to allow testing of hypotheses related to project layering.

The results show additional benefits for each activity, and the benefits of these practices generally. Overall, the results indicate that the adoption of agricultural practices and use of services translate to improved household food security as measured by moderate to severe hunger, which is computed from the household hunger scale, 8 and HDDS. 9

This section presents findings from equations where variables measuring Njira project participation are statistically significant. Complete results are presented in Annex B.

Moderate to severe hunger

Table 2 shows the results of three logit equations estimating the probability that a household experienced moderate to severe hunger. They indicate that three variables related to Njira programming are associated with lower probability (lower being signaled by a negative sign) that a household will experience moderate to severe hunger:

- use of financial services (column (1);
- adoption of sustainable livestock practices (column 2); and
- agricultural practices NRM, crop and livestock (column 3).

In all three equations, the number of farmers in a household increases the probability of moderate to severe hunger (a positive sign signaling increased probability). The number of farmers in a household is a proxy for livelihood diversification. This finding therefore suggests that lack of diversification is detrimental to food security.

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⁷ While the use of the target practices was found to be higher among participants than non-participants, it is important to keep in mind that this analysis cannot ascertain causality. Participants may or may not have adopted the practices because of Njira programming. Non-participants engaging in the target practices may have already been engaging in these practices, learned them from Njira participants (spillovers), or received training from someone else.

⁸ Ballard, Terri, Jennifer Coates, Anne Swindale and Megan Deitchler. 2011. *Household Hunger Scale: Indicator Definition and Measurement Guide*. Washington, DC: Food and Nutrition Technical Assistance II Project, FHI 360. https://www.fantaproject.org/sites/default/files/resources/HHS-Indicator-Guide-Aug2011.pdf

⁹ Swindale, Anne and Paula Bilinsky. 2006. *Household Dietary Diversity Score (HDDS) for Measurement of Household Food Access: Indicator Guide (v.2).* Washington, D.C.: FHI 360/FANTA. https://www.fantaproject.org/sites/default/files/resources/HDDS_v2_Sep06_0.pdf

Table 2. Relationships between participation in agricultural interventions and moderate to severe hunger for farmer households, Njira endline

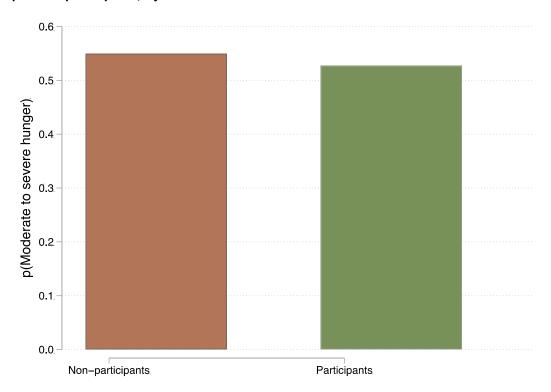
Household Hunger Scale: moderate or severe hunger (logit)					
	(1)	(2)	(3)		
Njira project activities					
Financial services	-0.392*				
Livestock practices		-0.261+			
Agricultural practices (NRM, crop & livestock)			-0.094*		
Shock count	0.048	0.055	0.094+		
Household characteristics					
Household size	-0.025	-0.030	-0.035		
Gendered hh type/Female headed					
Male headed HH - no adult females	-2.532*	-2.450*	-2.401*		
Male and female headed HH	-0.686*	-0.679*	-0.667*		
Share of adults with more than primary education	-2.701*	-2.827*	-2.810*		
Crop and livestock assets	-0.235***	-0.221***	-0.207**		
Farmers in household	0.329*	0.315+	0.346*		
District/Machinga					
Balaka	-0.639**	-0.645**	-0.619**		
Constant	1.654**	1.562**	1.591**		
Observations	509	509	509		

⁺ p<0.1, * p<0.05, ** p<0.01, *** p<0.001

Use of financial services

On average, 49.5 percent of participant farmer households and 28.2 percent of non-participant farmer households reported using financial services. Converting the coefficients from equation (1) in **Table 2** to probabilities, ¹⁰ we find that on average, use of financial services is associated with a 10-percentage point reduction in the probability of moderate to severe hunger, reducing it from 0.58 to 0.48. **Figure 2** compares the probability of hunger for participant farmer households. The probability of hunger was 0.53 for participants households using financial services compared to 0.55 for non-participants using those services.

Figure 2. Relationship between use of financial services and moderate to severe hunger, non-participants vs participants, Njira endline



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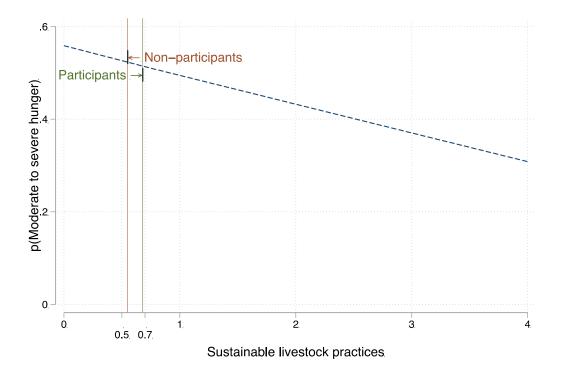
¹⁰ Predicted probability= $1/1 + e^{-xb}$

Adoption of sustainable livestock practices

Figure 3 shows results from the equation estimating the association between farmers' adoption of sustainable livestock practices and the probability of moderate to severe hunger. The equation includes all farmers, both participants and non-participants. The probability of moderate to severe hunger is plotted on the y-axis; the x-axis represents the count of sustainable livestock practices adopted. The x-axis also shows the range of reported livestock practices among farmers owning livestock (0-4) and the mean number of livestock practices adopted by participants (0.7) and non-participants (0.5). The sloped line illustrates that the probability of moderate to severe hunger decreases steadily as households adopt additional livestock practices: farmer households adopting four sustainable livestock practices had a 0.31 predicted probability of moderate to severe hunger, compared to 0.56 for farmer households not adopting any. This trend in the data supports the notion that there are benefits to layering interventions.

The graph also shows that on average, non-participants had a 0.52 probability of moderate to severe hunger (the y-coordinate at the intersection of the slope and the non-participant mean). For project participants, the probability of hunger was slightly lower: 0.49 (the y-coordinate at the intersection of the slope and the participant mean).

Figure 3. Relationship between adoption of sustainable livestock practices and moderate to severe hunger, non-participants vs participants, Njira endline



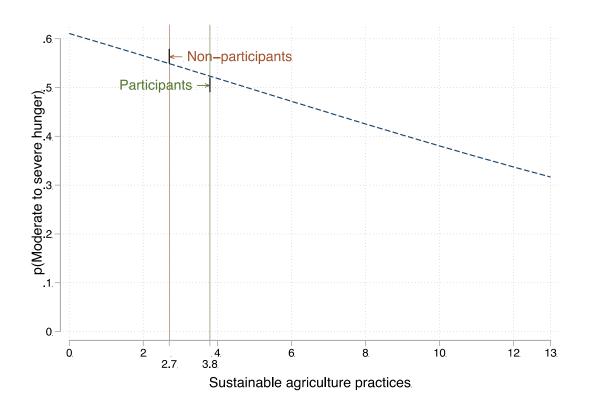
¹¹ Note that mean values differ from **Table 2** because this is a household-level, not farmer-level analysis and the weights and sample sizes are different.

Adoption of NRM, crop and livestock practices

The results presented in Figure 4 provide additional support for the benefits of layering. The figure shows the relationship between the probability of moderate to severe hunger and farmers' adoption of a combination of sustainable NRM, crop and livestock practices. On the x-axis the figure shows the range of agricultural practices adopted (0 - 13), with lines for the mean number of practices adopted by non-participants (2.7) and participants (3.8). Moving across the range from 0 practices to 13 reduces the probability of hunger by almost half, from 0.61 to 0.32. Each additional practice was associated with a reduction in the probability of moderate to severe hunger of 0.02.

For participants on average, the probability of moderate to severe hunger was 0.52 (the y-coordinate at the intersection of the slope and the participant mean), slightly lower than for non-participants: 0.55 (the y-coordinate at the intersection of the slope and the non-participant mean).

Figure 4. Relationship between adoption of sustainable agricultural practices (NRM, crop and livestock) and moderate to severe hunger, non-participants vs participants, Njira endline



HDDS

The following table and figures show results from multivariate equations estimating HDDS. Table 3 shows that the following measures are associated with improved dietary diversity:

- farmers' use of improved storage (column 1);
- adoption of project promoted value chain activities (column 2);
- NRM practices (column 3); and
- agricultural practices (NRM, crop and livestock) (column 4).

The results of this analysis are discussed in more detail following the table.

Table 3. Relationships between participation in agricultural interventions and HDDS for farmer households, Njira endline

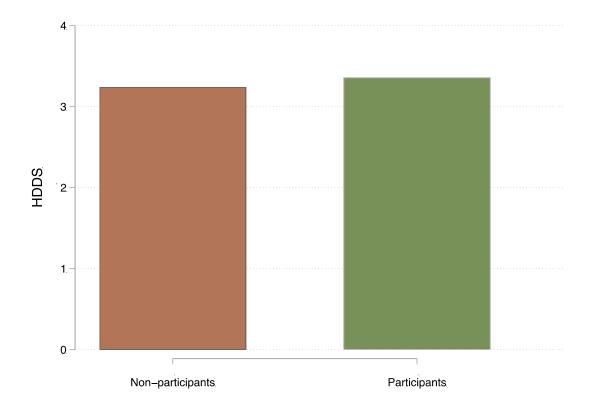
Average Household Dietary Diversity Score (HDDS)				
Average Household Dietary Diversity Score (11003)	(1)	(2)	(3)	(4)
Njira project activities				. ,
Improved storage	0.729**			
Value-chain activities		0.300**		
NRM practices			0.272*	
Agricultural practices (NRM, crop & livestock)				0.108*
Shock count	0.009	-0.019	0.002	-0.036
Household characteristics				
Household size	0.031	0.027	0.025	0.032
Gendered hh type/Female headed	0.000	0.000	0.000	0.000
Male headed HH - no adult females	0.800+	0.836+	0.774	0.785+
Male and female headed HH	-0.045	-0.063	-0.037	-0.068
Adults with more than primary education	1.842**	1.866**	2.028**	2.027**
Crop and livestock assets	0.121**	0.107*	0.111*	0.090+
Farmers in household	-0.004	0.011	-0.001	-0.045
District/Machinga				
Balaka	0.454*	0.496*	0.465*	0.412*
Constant	2.251***	2.310***	2.328***	2.361***
Observations	496	496	496	496
r2	0.125	0.124	0.106	0.106

⁺ p<0.1, * p<0.05, ** p<0.01, *** p<0.001

Improved storage

Of project participants, 30.8 percent reported using one or more improved storage practices, compared to 14.5 percent of non-participants. Converting the coefficients in column (1) in Table 3 to probabilities shows a small but statistically significant difference in HDDS between participants using improved storage practices (HDDS 3.4) and non-participants using improved storage (HDDS 3.2).

Figure 5. Relationship between use of improved storage practices and HDDS, Njira endline

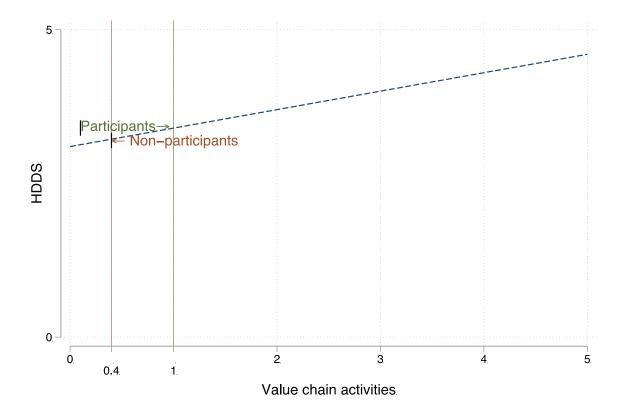


Value chain activities

Figure 6 plots the count of value chain activities against HDDS. The upward-sloped line illustrates that each additional value chain activity is associated with an increase of 0.3 in HDDS. The x-axis shows the range for reported value chain activities (0 to 5) and lines for the means for non-participant households (0.4) and participant households (1). Farmer households in the full sample (participants and non-participants) practicing five activities had an estimated HDDS of 4.6 compared to 3.0 for farmer households (participants and non-participants) not practicing any value chain activities.

Njira farmer households on average, had a slightly higher estimated HDDS of 3.4 (the y-coordinate at the intersection of the slope and the participant mean) compared to 3.2 for non-participant farmer households.

Figure 6. Relationship between value chain activities and HDDS, Njira endline

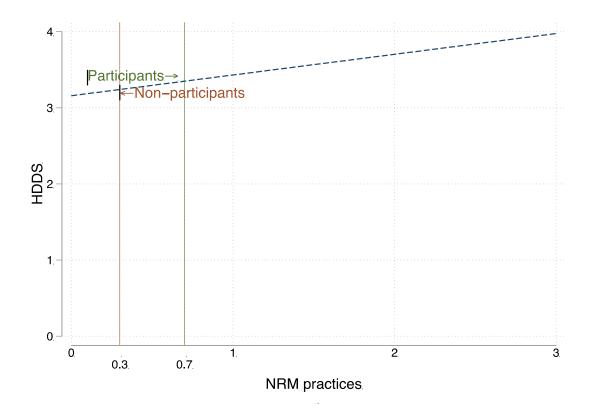


NRM practices

Figure 7 plots the count of sustainable NRM practices against HDDS. The upward slope illustrates that each additional NRM practice is associated with an increase in HDDS of about 0.3. Moving from 0 practices to 3 is associated with an increase in HDDS from 3.2 to 4.0.

Estimated HDDS scores were higher for Njira participants, who engaged in an average of 0.7 NRM practices (the x-coordinate at the intersection of the slope and the participant mean), compared to non-participants, who engaged in an average of 0.3 NRM activities (the x-coordinate at the intersection of the slope and the non-participant mean).

Figure 7. Relationship between adoption of sustainable NRM practices and HDDS, Njira endline

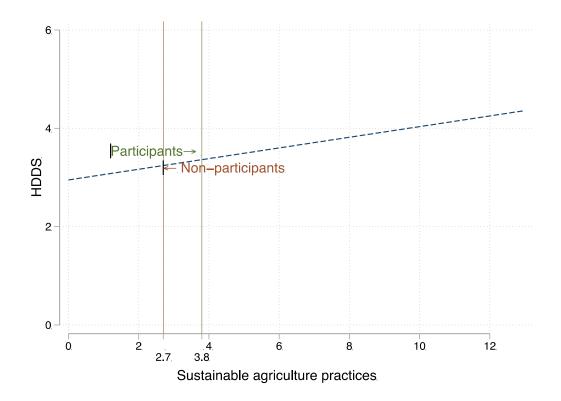


Agricultural practices

Figure 8 plots participation in agricultural activities (NRM, crop and livestock activities) against HDDS and shows a positive association: higher participation in these activities is associated with improved HDDS. The x-axis shows the range of reported agricultural activities (0 - 13) and lines for the means of participants (3.8 activities) and non-participants (2.7 activities). Farmer households participating in 13 activities had an estimated HDDS of 4.5, while those not participating in any activities had an estimated HDDS of 3.0.

Project participants engaging in the mean number of agricultural activities (3.8) had an estimated HDDS score of 3.4 compared to 3.2 for non-participants engaging in the mean number of activities (2.7).

Figure 8. Relationship between participation in sustainable agricultural activities and HDDS, Njira endline



4. Summary and conclusions

This report provided analysis of data from the endline PBS survey. The analysis examined differences between participant and non-participant households. The main analytic issue was the lack of a comparison group for Njira project participants at baseline. Because of this, there was no way to measure change from baseline to endline for project participants. Endline results did not indicate differences between participants and non-participants in food security indicators. Simulating a baseline comparison group would have allowed the analysis to test whether this was an improvement for participants, meaning that they started lower than non-participant households and by endline had achieved the same level of food security. However, the methodologies used to "recreate" a comparison group were not successful, and no statistically valid conclusions could be drawn regarding baseline-endline comparisons of participant and non-participant groups. This type of analysis is outside the scope of PBS indicator monitoring and the sampling design does not allow for it. The strong interest in this comparison suggests that an impact analysis should be considered in project scoping and budgeting phases.

Additional analysis gave results showing important relationships between outcomes: farmer households in the overall sample (both participant and non-participants) engaging in project-promoted activities had higher scores on food security indicators. Results indicate the benefits of participation in agricultural programming for food security but they also show that on average, the number of activities reported by farmer households is low, compared to the total possible. Because of this the effects on food security for farmer households on average, although statistically significant are very small.

Appendix A: Comparison of indicators by participation status and baseline/endline, Njira

Table 4. Comparison of indicators by participation status and baseline/endline, Njira

		Participan	t/Non-participa	ant Endlir		Baselin	ne/Endline	Compa	arisons			
					# obse	rvations					# observ	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
FOOD SECURITY INDICATORS												
Prevalence of households with moderate or severe hunger	54.0	52.4	1.1		446	460	54.0	52.4	4.5		2207	500
(HHS)	54.2	53.1	1.1	ns	116	468	51.9	53.4	1.5	ns	2387	583
Average Household Dietary Diversity Score (HDDS)	3.2	3.2	0.0	ns	112	454	3.3	3.2	-0.1	ns	2330	566
POVERTY INDICATORS												
Per capita expenditures (as a proxy for income) of USG targeted beneficiaries ²	\$ 1.40	\$1.35	\$ 0.05	ns	635	2146	1.63	1.99	0.4	*	11,941	2724
Prevalence of poverty: Percent of people living on less than												
\$1.90/day	83.5	82.1	1.4	ns	635	2146	70.2	70	-0.1	ns	11,941	2724
Mean depth of poverty	42.2	42.8	-0.6	ns	635	2146	29.8	30.7	0.9	ns	11,941	2724
WASH INDICATORS												
Percent of households using an improved drinking water source	e 54.0	59.5	-5.5	ns	116	471	59	58.4	-0.6	ns	2387	587

	Participan	risons	Baseline/Endline Comparisons								
				# obse	rvations					# obser	vations
Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
22.5	21.0	1.5	ns	116	471	11.5	21.3	9.8	**	2387	587
14.6	3.7	10.8	*	116	471	8.3	5.9	-2.4	+	2387	587
5.7	18.2	-12.5	***	116	471	3.4	15.7	12.3	***	2387	587
6.9	1.0	5.9	ns	116	471	0.3	2.2	1.9	ns	2387	587
0.0	0.0	0.0	ns	116	471	0	0	0	ns	2387	587
70.5	64.3	6.2	ns	116	471	51.7	65.6	13.9	**	2387	587
51.2	35.6	15.6	*	116	471	56.5	38.8	-17.8	***	2387	587
9.9	10.5	-0.6	ns	116	471	8.1	10.4	2.3	ns	2387	587
14.6	8.8	5.8	ns	116	471	11.7	9.9	-1.8	ns	2387	587
	22.5 14.6 5.7 6.9 0.0 70.5 51.2	Participants Non-participants 22.5 21.0 14.6 3.7 5.7 18.2 6.9 1.0 70.5 64.3 51.2 35.6 9.9 10.5	Participants Non-participants Difference 22.5 21.0 1.5 14.6 3.7 10.8 5.7 18.2 -12.5 6.9 1.0 5.9 70.5 64.3 6.2 51.2 35.6 15.6 9.9 10.5 -0.6	Participants Non-participants Difference Sig. Level¹ 22.5 21.0 1.5 ns 14.6 3.7 10.8 * 5.7 18.2 -12.5 *** 6.9 1.0 5.9 ns 70.5 64.3 6.2 ns 51.2 35.6 15.6 * 9.9 10.5 -0.6 ns	Participants Non-participants Difference Sig. Level¹ Participants 22.5 21.0 1.5 ns 116 14.6 3.7 10.8 * 116 5.7 18.2 -12.5 *** 116 6.9 1.0 5.9 ns 116 70.5 64.3 6.2 ns 116 51.2 35.6 15.6 * 116 9.9 10.5 -0.6 ns 116	Participants Difference Level¹ pants participants 22.5 21.0 1.5 ns 116 471 14.6 3.7 10.8 * 116 471 5.7 18.2 -12.5 *** 116 471 6.9 1.0 5.9 ns 116 471 0.0 0.0 0.0 ns 116 471 70.5 64.3 6.2 ns 116 471 51.2 35.6 15.6 * 116 471 9.9 10.5 -0.6 ns 116 471	Participants Non-participants Difference Sig. Level¹ Participants pants Non-participants 2015 Baseline 22.5 21.0 1.5 ns 116 471 11.5 14.6 3.7 10.8 * 116 471 8.3 5.7 18.2 -12.5 **** 116 471 3.4 6.9 1.0 5.9 ns 116 471 0.3 70.5 64.3 6.2 ns 116 471 51.7 51.2 35.6 15.6 * 116 471 56.5 9.9 10.5 -0.6 ns 116 471 8.1	Participants Non-participants Difference Sig. Level¹ Participants Non-participants 2015 Passeline 2019 Passeline 22.5 21.0 1.5 ns 116 471 11.5 21.3 14.6 3.7 10.8 * 116 471 8.3 5.9 5.7 18.2 -12.5 **** 116 471 3.4 15.7 6.9 1.0 5.9 ns 116 471 0.3 2.2 0.0 0.0 0.0 ns 116 471 51.7 65.6 51.2 35.6 15.6 * 116 471 56.5 38.8 9.9 10.5 -0.6 ns 116 471 8.1 10.4	Participants Non-participants Difference Sig. Level¹ Participants Non-participants 2015 Endline 2019 Endline Difference 22.5 21.0 1.5 ns 116 471 11.5 21.3 9.8 14.6 3.7 10.8 * 116 471 8.3 5.9 -2.4 5.7 18.2 -12.5 **** 116 471 3.4 15.7 12.3 6.9 1.0 5.9 ns 116 471 0.3 2.2 1.9 0.0 0.0 0.0 ns 116 471 0 0 0 70.5 64.3 6.2 ns 116 471 51.7 65.6 13.9 51.2 35.6 15.6 * 116 471 56.5 38.8 -17.8 9.9 10.5 -0.6 ns 116 471 8.1 10.4 2.3	Participants Non-participants Difference Sig. Level* Participants pants Non-pants participants 2015 Raseline 2019 Endline Difference Sig. Level* 22.5 21.0 1.5 ns 116 471 11.5 21.3 9.8 *** 14.6 3.7 10.8 * 116 471 8.3 5.9 -2.4 + 5.7 18.2 -12.5 **** 116 471 3.4 15.7 12.3 **** 6.9 1.0 5.9 ns 116 471 0.3 2.2 1.9 ns 70.5 64.3 6.2 ns 116 471 51.7 65.6 13.9 *** 51.2 35.6 15.6 * 116 471 56.5 38.8 -17.8 *** 9.9 10.5 -0.6 ns 116 471 8.1 10.4 2.3 ns	Participants

		Participan	risons	Baseline/Endline Comparisons								
					# obse	rvations					# observ	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
AGRICULTURAL INDICATORS												
Percentage of farmers who used financial services in the												
past 12 months	37.4	25.8	11.7	+	164	568	40.4	28.4	-11.9	**	3913	731
Male farmers	27.2	28.0	-0.9	ns	65	252	39	27.9	-11.1	**	1581	317
Female farmers	44.2	24.0	20.2	**	99	315	41.3	28.9	-12.4	**	2332	414
Percentage of farmers who practiced value chain activities promoted by the project in the												
past 12 months	41.6	24.5	17.1	**	164	574	67.8	28.4	-39.5	***	3913	737
Male farmers	35.0	26.4	8.7	ns	65	253	39	27.9	-11.1	**	1581	317
Female farmers	46.0	23.2	22.8	***	99	320	41.3	28.9	-12.4	**	2332	414
Percentage of farmers who used at least three sustainable agriculture (crop, livestock, NRM) practices and/or technologies in the past 12												
months	63.0	47.7	15.2	*	164	580	77.9	51	-26.9	***	3913	743
Male farmers	57.9	50.8	7.0	ns	65	256	39	27.9	-11.1	**	1581	317
Female farmers	66.3	45.1	21.2	***	99	323	41.3	28.9	-12.4	**	2332	414

		Participan		Baseline/Endline Comparisons								
					# obse	rvations					# obser	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
Percentage of farmers who used at least two sustainable crop practices and/or												
technologies in the past 12 months	80.1	68.5	11.6	*	163	560	86.6	71	-15.5	**	3913	722
Male farmers	77.6	67.3	10.2	*	65	247	39	27.9	-11.1	**	1581	. 317
Female farmers	81.7	69.3	12.4	*	98	312	41.3	28.9	-12.4	**	2332	414
Percentage of farmers who used at least two sustainable livestock practices and/or technologies in the past 12												
months	6.3	3.6	2.7	ns	164	580	9.7	4.2	-5.5	**	3913	743
Male farmers	6.5	3.7	2.8	ns	65	256	39.0	27.9	-11.1	**	1581	. 317
Female farmers	6.2	3.5	2.7	ns	99	323	41.3	28.9	-12.4	**	2332	414
Percentage of farmers who used at least two sustainable NRM practices in the past 12												
months	5.5	5.1	0.4	ns	163	574	44.6	5.2	-39.4	***	3913	736
Male farmers	4.6	8.1	-3.5	ns	64	255	39.0	27.9	-11.1	**	1581	. 317
Female farmers	6.1	2.6	3.5	ns	99	318	41.3	28.9	-12.4	**	2332	414
Percentage of farmers who used improved storage												
practices in the past 12 months	27.4	13.7	13.7	*	164	574	55.0	16.8	-38.2	***	3903	737
Male farmers	23.5	12.6	10.9	ns	65	252	39.0	27.9	-11.1	**	1581	. 317

		Participan	t/Non-participa	nt Endlin	risons	Baseline/Endline Comparisons						
					# obse	ervations					# observ	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
Female farmers	29.9	14.7	15.3	*	99	321	41.3	28.9	-12.4	**	2332	414
WOMEN'S HEALTH AND NUTRIT	TION INDICATO	DRS										
Prevalence of underweight												
women	11.9	4.4	7.5	ns	90	323	8.1	6	-2.1	ns	1987	413
Minimum Dietary Diversity - Women (MDD-W)	20.2	14.4	5.8	ns	110	405	18.7	15.6	-3.1	ns	2265	515
Women's Dietary Diversity Score (WDDS)	3.2	3.0	0.3	+	110	405	3.3	3.2	-0.1	**	2265	515
Percent of births receiving at least 4 antenatal care (ANC)												
visits ³	48.1	52.8	-4.7	ns	84	247	54.2	51.6	-2.6	ns	1441	331
Contraceptive Prevalence Rate	75.1	82.3	-7.2	ns	46	151	74.6	80.5	6	+	1115	197
Prevalence of women of reproductive age who consume targeted nutrient-rich value chain commodities	27.3	21.4	5.9	ns	110	405	21.2	22.9	1.7	ns	2265	515
Prevalence of women of reproductive age who consume foods made from orange flesh	0.7.0										225-	
sweet potatoes (OFSP)	27.3	20.5	6.8	ns	110	405	20.4	21.9	1.5	ns	2265	515
Prevalence of women of reproductive age who consume foods made from bio-fortified												
beans (NUA)	0.7	1.6	-0.9	ns	110	405	1.1	1.4	0.3	ns	2265	515

		Participan	Baseline/Endline Comparisons									
					# obse	rvations					# obser	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
CHILDREN'S HEALTH AND NUT	RITION INDICAT	ORS										
Prevalence of underweight CU	5											
(Total)	10.1	6.9	3.2	ns	113	320	11.8	7.8	-4	**	2120	433
Male	10.9	7.8	3.0	ns	52	163	12.4	8.6	-3.9	+	975	215
Female	9.4	6.0	3.4	ns	61	157	11.2	7	-4.3	*	1145	5 218
Prevalence of stunted CU5												
(Total)	31.1	23.7	7.4	ns	113	320	37.9	25.7	-12.2	***	2106	433
Male	33.3	24.9	8.4	ns	52	163	12.4	8.6	-3.9	+	975	215
Female	29.1	22.5	6.7	ns	61	157	11.2	7	-4.3	*	1145	218
Prevalence of wasted CU5												
(Total)	5.4	2.1	3.3	ns	113	320	2.2	2.9	0.8	ns	2105	433
Male	7.7	0.8	7.0	+	52	163	12.4	8.6	-3.9	+	975	215
Female	3.2	3.5	-0.2	ns	61	157	11.2	7	-4.3	*	1145	218
Percentage of CU5 with												
diarrhea in the last two weeks		20.2	6.2		444	224	27.2	26.7	0.5		2452	422
(Total)	22.0	28.3	-6.3	ns	111	321	27.2	26.7	-0.5	ns	2153	3 432
Male	28.2	26.7	1.5	ns	51	169	12.4	8.6	-3.9	+	975	215
Female	16.6	30.1	-13.6	*	60	152	11.2	7	-4.3	*	1145	218
Percentage of CU5 with												
diarrhea treated with oral rehydration therapy (Total)	57.6	52.4	5.2	ns	24	92	68.6	52.3	-16.2	**	580) 118

		Participan	t/Non-participa	ınt Endlin	risons	Baseline/Endline Comparisons						
					# obse	ervations					# obser	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
Prevalence of exclusive breast-												
feeding of children under six												
months of age	64.7	79.0	-14.2	ns	9	38	66	76.6	10.6	ns	182	47
Prevalence of children 6-23 months of age receiving a minimum acceptable diet	12.5	2.7	0.0		20	111	10	6.3	2.7		624	4.44
(MAD)	12.6	3.7	8.9	ns	30) 111	10	6.3	-3.7	ns	634	141
Prevalence of children 6-23 months who consume targeted nutrient-rich value chain												
commodities	14.9	10.7	4.2	ns	30	111	10.2	11.6	1.4	ns	633	141
Prevalence of children 6-23 months who consume foods made from orange flesh sweet												
potatoes (OFSP)	14.9	8.9	6.0	ns	30	111	10.1	10.2	0.1	ns	633	141
Prevalence of children 6-23 months who consume foods												
made from bio-fortified beans	0.0	2.6	-2.6	+	30	111	0.3	2	1.7	ns	633	141
FOOD SECURITY INDICATORS												
Percentage of men and women												
married or in union who earned												
cash in the past 12 months	50.7	54.6	-3.9	ns	156	617	82.5	53.8	-28.7	***	3055	773
Percentage of men who earned												
cash in the past 12 months	81.0	79.2	1.8	ns	74	302	95.8	79.5	-16.2	***	1463	376

		Participan	t/Non-participa	Baseline/Endline Comparisons								
					# obse	rvations					# observ	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
Percentage of women who												
earned cash in the past 12												
months	23.9	31.0	-7.1	ns	82	315	70.4	29.5	-40.9	***	1592	397
Percentage of men in union and												
earning cash who make												
decisions alone about the use of												
self-earned cash	41.0	43.4	-2.4	ns	57	208	51.7	42.9	-8.8	*	1272	265
Percentage of women in union												
and earning cash who make												
decisions alone about the use of												
self-earned cash	47.2	31.3	15.9	ns	20	84	26.9	34.8	8	ns	1098	103
Percentage of men in union and earning cash who make decisions jointly with												
spouse/partner about the use												
of self-earned cash	41.9	30.8	11.2	ns	57	208	35.5	33.2	-2.3	ns	1272	265
Percentage of women in union and earning cash who make decisions jointly with spouse/partner about the use												
of self-earned cash	28.2	31.0	-2.8	ns	20	84	35.6	30.7	-4.9	ns	1098	103
Percentage of men and women												
with CU2 who have knowledge												
of MCHN practices	87.9	86.9	1.0	ns	59	230	85.7	87.3	1.5	ns	1271	290
Percentage of men with CU2												
who have knowledge of MCHN practices	89.2	82.4	6.8	ns	21	73	75.5	84.2	8.7	ns	507	95

		Participan	t/Non-participa	nt Endlir	risons		Baselir	ne/Endline	Compa	arisons		
					# obse	rvations					# observ	vations
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline
Percentage of women with CU2 who have knowledge of MCHN practices	87.2	89.0	-1.8	ns	38	156	92.6	89.4	-3.2	ns	764	195
Percentage of men in union with CU2 who make maternal health and nutrition decisions alone	39.5	45.2	-5.7	ns	21	73	45.5	45.4	-0.1	ns	502	93
Percentage of women in union with CU2 who make maternal health and nutrition decisions alone	17.2	37.7	-20.5	**	30	108	39.2	34.1	-5.1	ns	559	132
Percentage of men in union with CU2 who make maternal health and nutrition decisions jointly with spouse/partner	50.0	41.1	8.8	ns	21					*	502	
Percentage of women in union with CU2 who make maternal health and nutrition decisions jointly with spouse/partner	39.7	24.2	15.5	ns	30	108	24.4	28.3	3.9	ns	559	132
Percentage of men in union with CU2 who make child health and nutrition decisions alone	5.9	19.3	-13.5	*	21	73	19	16.9	-2.1	ns	502	95
Percentage of women in union with CU2 who make child health and nutrition decisions alone	23.8	33.2	-9.5	ns	30	108	35.9	32.1	-3.8	ns	559	139

		Participan	t/Non-participa	nt Endlir	ne Compa	risons	Baseline/Endline Comparisons						
					# obse	rvations					# observ	vations	
	Participants	Non- participants	Difference	Sig. Level ¹	Partici- pants	Non- participants	2015 Baseline	2019 Endline	Difference	Sig. Level ¹	Baseline	Endline	
Percentage of men in union													
with CU2 who make child													
health and nutrition decisions													
jointly with spouse/partner	82.9	56.1	26.8	*	21	73	42.2	61.9	19.6	**	502	95	
Percentage of women in union													
with CU2 who make child													
health and nutrition decisions													
jointly with spouse/partner	44.6	38.5	6.1	ns	30	108	42.1	40.4	-1.8	ns	559	139	

¹ + p<0.1, * p<0.05, ** p<0.01, *** p<0.001

Appendix B. Results from regressions estimating relationships between food security and project interventions, endline

Household Hunger Scale: moderate or severe hunge	er						
Njira project activities							
Financial services	-0.392*						
Improved storage		0.088					
Value-chain activities			0.037				
NRM practices				-0.023			
Crop practices					-0.097		
Livestock practices						-0.261+	
Agricultural practices (NRM, crop & livestock)							-0.094*
Shock count	0.048	0.050	0.047	0.052	0.090	0.055	0.094+
Household characteristics							
Household size	-0.025	-0.033	-0.033	-0.033	-0.038	-0.030	-0.035
Gendered hh type/Female headed							
Male headed HH - no adult females	-2.532*	-2.447*	-2.452*	-2.445*	-2.427*	-2.450*	-2.401*
Male and female headed HH	-0.686*	-0.689**	-0.692**	-0.690**	-0.666*	-0.679*	-0.667*
Adults with more than primary education	-2.701*	-2.940**	-2.940*	-2.898*	-2.893*	-2.827*	-2.810*
Crop and livestock assets	-0.235***	-0.253***	-0.255***	-0.249***	-0.227***	-0.221***	-0.207**
Farmers in household	0.329*	0.303+	0.306+	0.306+	0.345*	0.315+	0.346*
District/Machinga							
Balaka	-0.639**	-0.681**	-0.677**	-0.677**	-0.637**	-0.645**	-0.619**
Constant	1.654**	1.676***	1.683***	1.669***	1.654***	1.562**	1.591**
Observations	509	509	509	509	509	509	509

⁺ p<0.1, * p<0.05, ** p<0.01, *** p<0.001

Average Household Dietary Diversity Score (HDDS)							
Njira project activities							
Financial services	0.124						
Improved storage		0.729**					
Value-chain activities			0.300**				
NRM practices				0.272*			
Crop practices					0.044		
Livestock practices						0.314	
Agricultural practices (NRM, crop & livestock)							0.108*
Shock count	0.015	0.009	-0.019	0.002	-0.004	0.011	-0.036
Household characteristics							
Household size	0.026	0.031	0.027	0.025	0.031	0.026	0.032
Gendered hh type/Female headed	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Male headed HH - no adult females	0.834+	0.800+	0.836+	0.774	0.804+	0.812+	0.785+
Male and female headed HH	-0.049	-0.045	-0.063	-0.037	-0.056	-0.054	-0.068
Adults with more than primary education	2.036**	1.842**	1.866**	2.028**	2.119**	1.975**	2.027**
Crop and livestock assets	0.135**	0.121**	0.107*	0.111*	0.130*	0.103*	0.090+
Farmers in household	0.001	-0.004	0.011	-0.001	-0.013	0.002	-0.045
District/Machinga							
Balaka	0.462*	0.454*	0.496*	0.465*	0.457*	0.431*	0.412*
Constant	2.279***	2.251***	2.310***	2.328***	2.280***	2.389***	2.361***
Observations	496	496	496	496	496	496	496
r2	0.093	0.125	0.124	0.106	0.093	0.105	0.106

⁺ p<0.1, * p<0.05, ** p<0.01, *** p<0.001