

# Malawi Africa RISING Baseline Evaluation Survey - 2013

## CONSENT FORM

My name is \_\_\_\_ and I work for a research program, called Africa Research in Sustainable Intensification for the Next Generation -Africa RISING-, which aims to alleviate hunger and poverty by increasing agricultural productivity. Your household is one of the over 600 households in Dedza and Ntcheu districts in Malawi selected to be interviewed now and at the end of the program (after three years). Data collected from study households like yours will be used to determine and understand major constraints and opportunities for improving livelihood. Analysis of baseline and follow-up data will allow the research team to assess the effect of the Program on the livelihood of beneficiary farmers and help identify successful agricultural technologies and practices.

Data to be collected from you will be coded and will be kept strictly confidential. All household identifying information will be held in strict confidence and used only for research purposes. No identifying information (e.g., respondent name) will appear in data report. Participation in this interview is voluntary and you may refuse to participate, discontinue the interview at any time, or skip any question you do not want to answer with no penalty or loss of benefits to which you are otherwise entitled. You are allowed to ask questions concerning the research, both before agreeing to participate in the interview, during, and after the interview.

As head of the household or spouse of the head, I would like to ask you questions mainly about agricultural activities and consumption. I will need to ask also other household members about health status and labor, as well as measure weight and height of all women of reproductive age and children under 5 years old. Answering these questions is expected to take around 2 hours. You may find some of the questions (for example about household asset ownership and consumption of food and non-food items) sensitive and you can refuse to answer any sensitive question without any consequence whatsoever.

Please contact Ainsley Charles at +255-789-150-558 if you have questions about the research and your right as a research participant and Carlo Azzarri at c.azzarri@cgiar.org if you face injury as a result of your participation in this survey. Please contact Erick Boy, the chair of the International Food Policy Research Institute Institutional Review Board at +1 202 862-8141 or e.boy@cgiar.org if you need more information or have questions about this study.

Before I start, do you have any questions or is there anything I have said on which you would like further clarification? May I proceed with interviewing you and other household members?

Yes • No •

Subject Name \_\_\_\_\_ Subject Signature \_\_\_\_\_

Consent form approved by IFPRI IRB on \_\_\_\_\_

### Household location

A1	A2	A3	A4	A5
District	EPA	Section	Village	Household
208 Dedza	See codes (reverse)	See codes (reverse)	See codes (reverse)	Enter 3-digit household code from the list of sampled households**
209 Ntcheu				

### GPS coordinates

		Degree	Minute	Second
A6	GPS Latitude	S		
A7	GPS Longitude	E		
A8	Elevation (in meters)			

### Survey Staff Details

A9	ENUMERATOR NAME:			
A10a	DATE OF INTERVIEW (FIRST VISIT):	MM / DD / YYYY	A10b	
A11a	INTERVIEW STARTING TIME (FIRST VISIT)	HOUR / MIN	A11b	
A12	NAME OF SUPERVISOR:			
A13a	DATE OF QUESTIONNAIRE INSPECTIONS BY SUPERVISOR:	MM / DD / YYYY	A13b	

### Household information

A14	Name of head of household	
A15	Name of respondent (if not head)	
A16	Relationship to head (if not head)	
A17	Was translator used? 1. Yes 2. No	
A18	Phone numbers (if available)	
A20	Religion of the head 1 Christian 2 Muslim 3 Other	
A21	Interview was completed using: 1 Tablets 2 Paper questionnaire	

## COVER PAGE CODES

EPA codes	
Code	EPA anme
1	Golomoti
2	Linthipe
3	Kandeu
4	Nsipe
5	Mtakataka
6	Lobi

Section codes	
Code	Section name
1	Golomoti Center
2	Mposa
3	Kampanje
4	Mpamadzi
5	Mwalaoyerela
6	Thete
7	Mtakataka Center
8	Sitolo

Village codes	
Code	Village name
11	Kalumo
12	Msamala
13	Pitala
14	Wilson
15	Chibwana
16	Mbidzi
17	Mkuwazi
18	Ng'anjo
19	Phwere
20	Katsese
21	Kampanje I
22	Kampanje II
25	Kazputa
26	Dauka
27	Gonthi
28	Khomba
29	Selemani
30	Mitchi
31	Amosi
32	Champiti
33	Gwaue
34	Hiwa
35	Malinda

Village codes	
Code	Village name
36	Njomole
37	Mtambalika
38	Ngaipite
39	Nzililongwe
40	Fwalikire
41	Chidzondo
42	Kakhome I
43	Kautsile
44	Kudoole
45	Chikawola
46	Manyika
47	Tseka
48	Kambadya
49	Majawa
50	Sitolo
51	Zaunda
52	Chilumo
53	Chimwala
54	Sanjani
55	Jingo
56	Hauya
57	Kahowela
58	Mnkhwani
59	Mnkhwani II
60	Pendanyama
61	Chizuzu I
62	Kabinda II
63	Gogo
64	Maphiri
65	Mafuko
66	Chimbwala
67	Mambewe

Quantity unit codes*	
Code	Unit
1	Kilogram
2	Gram
3	Liter
4	Unit or Piece
5	Cane/Basket
6	Bucket/Tin
7	90kg maxibag
8	50kg minibag
9	Ox-cart
10	Trailer
11	Lorry
12	Headload
13	Bunch
14	Bale
15	Sachet/tube
16	Plate
17	Cup
18	Heap
19	Basin
20	Packet
21	Bag
22	Container
23	Bottle
24	Other

Area unit codes*	
Code	Unit
1	Acre
2	Hectare
3	Meter squared (M2)
4	Football field
5	Other

Cereals	
11	Maize
12	Wheat
13	Pearl millet
14	Sorghum
15	Finger millet
16	Rice
19	Other grains
Pulses and nuts	
21	Bean
22	Soyabean
23	Pigeonpea
24	Chick-peas
25	Cow-peas
26	Peas
###	Groundnut
###	Bambara nuts
###	Other pulses, nuts
Vegetables	
###	Cabbage
###	Tomatoes
###	Okra
###	Amaranthus
###	Red paper
###	Green pepper
###	Other vegetables

Root and tuber crops	
41	Onion
42	Irish potato
43	Sweet potato
44	Garlic
45	Cassava
49	Other roots, tubers
Perennial crops	
51	Avocado
52	Banana
53	Mango
54	Orange
55	Pawpaw/Papaya
56	Coconut
57	Oil-palm
58	Sugar cane
59	Other perennial
Other crops	
61	Cotton
62	Coffee
63	Tobacco
64	Tea
69	Other crops

## CROPS

Maize variety	
110	Kanyani
111	Mkamgo
112	Njobvu
113	DK 8033
114	MH 18
115	Chamakolo
116	Panner 53
117	Panner 44G19
118	Dk C9089
119	Kanjerenjere
1101	Masika
1111	Other maize variety
Wheat variety	
1212	Wheat
Pearl millet variety	
1313	Pearl millet
Sorghum variety	
1414	Sorghum
Finger millet variety	
1515	Finger millet
Other grains variety	
1919	Other grains variety
Rice variety	
160	Kilombero
161	Amanda
162	Kidine
163	Pusa
164	Tayi Chuni
165	Tayitu 10 (Title)
166	Blue Bonnet
167	Ussa
Bean variety	
210	Kaulesi
211	Nanyati
212	Kayela
213	Butter Beans
214	Chabinda
215	Chimbamba
216	Sugar Bean
217	Napilira
218	Selenje
219	Kholophethe
2101	Kalima
2102	Phalombe
2121	Other bean variety
Soyabean variety	
220	Nasoko
221	Tikolole
222	Makwacha
223	Ocepara 4
2222	Other bean variety

Pigeonpea variety	
230	Mwayi wathu alimi/Mwayi wathu
231	Lokolo
232	Nthawa June
2323	Other pigeon pea variety
Chick pea variety	
2424	Chick peas
Cow-peas variety	
250	Sudan 1
251	IT 216
2525	Other cow-peas variety
Pea variety	
2626	Peas
Groundnut variety	
270	Chalimbana
271	Man pinta
272	Malimba
273	CG7
274	RE1
275	Ukulugulu
276	Kapilinginya
277	Zambia
278	Nsinjro
2727	Other groundnut variety
Bambara nut variety	
2828	Bambara nuts
Cabbage variety	
310	Malakanta
311	Drumhead
312	Sugarloaf
3131	Other cabbage variety
Tomato variety	
320	Moneymaker
321	Roma
322	Rodade
3232	Other tomato variety
Red pepper variety	
350	Kapiripiri
351	Kambuzi
3535	Other red paper variety
Green pepper variety	
3636	Green pepper
Other vegetable variety	
3939	Other vegetable variety
Onion variety	
4141	Onion
Irish Potato	
420	Violet (vayileti)
421	Kalusele
422	Magalabada
423	Roselyn
424	Vumbwe
425	Usiwawatha
426	Pimpinolo
4242	Other potato variety

Sweet potato variety	
430	Kenya
431	Kajoni
432	Ameleka
433	Kanchiputu
4343	Other potato variety
Garlic variety	
4444	Garlic
Cassava variety	
450	Manyokola
451	Chitembana
452	Mchilingano
453	Thepula
454	10 10
455	20 20
456	Mpapa
457	Masangwi
4545	Other cassava variety
Avocado variety	
5151	Avocado
Banana variety	
520	Sukari
521	Zibowa
5252	Other banana variety
Mango variety	
530	Kalisele
531	Dodo
5353	Other mango variety
Orange variety	
5454	Orange
Pawpaw/Papaya variety	
5555	Pawpaw/Papaya
Coconut variety	
5656	Coconut
Oil-palm variety	
5757	Oil-palm
Sugarcane variety	
580	Yashuga
581	Nyamankhunda
582	Lokolo
5858	Other sugarcane variety
Other perennial	
5959	Other perennial
Cotton	
6161	Cotton
Coffee	
6262	Coffee
Tobacco variety	
630	Bouquet
631	KBM 20
6363	Other tobacco variety
Other crops	
6363	Other crops

SECTION B. CHARACTERISTICS OF MEMBERS OF THE HOUSEHOLD*											
I N D I V I D U A L	ASK ALL HOUSEHOLD MEMBER. RESPONDENTS 12 OR OLDER SHOULD RESPOND RELEVANT QUESTIONS FOR THEMSELVES					ASK THESE QUESTIONS ONLY FOR MEMBERS 7 YEARS OR OLDER				ASK MEMBERS 14 YEARS OR OLDER	
	Please tell me the names of all members of the household starting with the head of household.	What is the relationship of [NAME] to the head of household?	Is [NAME] male or female?	How old is [NAME]?		How many months of the past 12 months has [NAME] lived with the household?	What is the highest grade completed by [NAME]?	Can [NAME] read <u>and</u> write?	What is the primary activity of [NAME]?	What is the second most important activity of [NAME]?	What is [NAME]'s marital status?
				IF 6 YEARS AND 11 MONTHS OR OVER, GIVE YEARS ONLY. IF LESS THAN 6 YEARS AND 12 MONTHS, GIVE YEARS AND MONTHS.							
				IF AGE IS LESS THAN 6 YEARS AND 12 MONTHS ► NEXT LINE							
LIST ONLY NAMES OF HOUSEHOLD MEMBERS					1 Head 2 Spouse 3 Son/daughter 4 Son/daughter in law 5 Grandchild 6 Parent or parent in law 7 Other related 8 Other unrelated	1 Male 2 Female					
ID	B1	B2	B3	Years B4a	Months B4b	B5	B6	B7	B8	B9	B10
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

\* The household is defined as a group of people who share expenses and live and eat together most of the time, that is more than 3 months of the year or more than three days of the week.

A newborn less than 3 months has to be considered a household member

**SECTION C1. LABOR**

**ASK ABOUT HOUSEHOLD MEMBERS 7 YEARS OR OLDER. IF CHILD IS NOT ABLE TO ANSWER, ASK THE HEAD OR OTHER KNOWLEDGEABLE HOUSEHOLD MEMBER**

[illegible]

ISCO OCCUPATION CODE
1 Manager
2 Professional
3 Technician and associate professional
4 Clerical support worker
5 Service and sales worker
6 Skilled agricultural, forestry, and fishery workers
7 Craft and related trades worker
8 Plant and machine operator, and assembler
9 Elementary occupation
10 Armed forces
11 Other

ISIC BUSINESS SECTOR CODE
1 Agriculture, forestry and fishing
2 Mining and quarrying
3 Manufacturing
4 Electricity, gas, steam and air conditioning supply
5 Water supply; sewerage, waste management and remediation activities
6 Construction
7 Wholesale and retail trade; repair of motor vehicles and motorcycles
8 Transportation and storage
9 Accommodation and food service activities
10 Information and communication
11 Financial and insurance activities
12 Real estate activities
13 Professional, scientific and technical activities
14 Administrative and support service activities
15 Public administration and defence; compulsory social security
16 Education
17 Human health and social work activities
18 Arts, entertainment and recreation
19 Other

## SECTION C2. LABOR

**ASK ABOUT HOUSEHOLD MEMBERS 7 YEARS OR OLDER. IF CHILD IS NOT ABLE TO ANSWER, ASK THE HEAD OR OTHER KNOWLEDGEABLE MEMBER.**

[illegible]

### Section C3. Labor

[illegible]

**C Labor Roster flap**

I N D I V I D U A L  I D	NAMES OF HOUSEHOLD MEMBERS  ONLY LIST HOUSEHOLD MEMBERS WHO ARE 7 YEARS OR OLDER, NO OTHERS	SEX  1 Male 2 Female	AGE (in years)	SEC 'Module C1 Labor'		
				YES TO C4a OR C7a?  1 Yes 2 No	YES TO C4b OR C7b?  1 Yes 2 No	YES TO C4c OR C7c?  1 Yes 2 No
ID	Cr1	Cr2	Cr3	Cr4_a	Cr4_b	Cr4_c
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						



## SECTION D. HEALTH

**ASK ALL HOUSEHOLD MEMBER. RESPONDENTS 12 OR OLDER SHOULD RESPOND RELEVANT QUESTIONS FOR THEMSELVES**

[illegible]



## SECTION E. AGRICULTURAL LAND

<b>E1</b>	Do you engage in any farming or livestock activities?	1	YES	
		2	NO (►"MODULE "OTHER INCOME" M)	
<b>E2</b>	Was the last completed cropping season in 2012 or in 2013?	1	2012 (JUNE 2012- SEP 2012)	
		2	2013 (OCT 2012- MAY 2013)	

**ENUMERATOR: ASK ABOUT PARCELS OF LAND USED BY THE HOUSEHOLD IN EITHER SEASON OF 2012 OR 2013, WHETHER OWNED BY THE HOUSEHOLD OR NOT**

[illegible]

ENUMERATOR: ASK ABOUT PARCELS OF LAND USED BY THE HOUSEHOLD IN EITHER SEASON OF 2012 OR 2013, WHETHER OWNED BY THE HOUSEHOLD OR NOT

Parcel id number	What is the main source of water for this parcel in each season?		What kind of irrigation do you use?	What is the main means of irrigating this parcel?	What is the type of the soil on this parcel?	What proportion of the [PARCEL] has crusted soils?	What is the color of the soil of this parcel?	What is the slope of this parcel?	When was the last time you experienced waterlogging problems on this [PARCEL]? [WRITE 0 IF NEVER EXPERIENCED]	How long does it take to get to [PARCEL] from your house by the usual mode of transport ( <u>one way in minutes</u> )	
	1 Rain ► E13 2 Surface irrigation 3 Groundwater irrigation 4 A combination (rain and irrigation] 5 Other		1 Ground water 2 River diversion 3 Pond diversion 4 Shallow well 5 Deep well 6 Water harvesting 7 Water cans 8 Other	1 Electric pump 2 Diesel/fuel pump 3 Gravity 4 Threaded pumps 5 Other	1 Clay 2 Loam 3 Sand ► E15 4 Sand/loam 5 Silt 6 Other	Percent	1 Black 2 Brown 3 Red 4 Red/Brown 5 Grey/Brown 6 Grey	1 Flat 2 Terraced 3 Gentle slope 4 Moderate slope 5 Steep slope 6 Depression	1 JAN 2 FEB 3 MAR 4 APR 5 MAY 6 JUN 7 JULY 8 AUG 9 SEP 10 OCT 11 NOV 12 DEC		1 Less than 15 mins 2 15 -30 mins 3 30 - 60 mins 4 More than 1 hour
	rainy season	dry (dimba) season									
ID	E10a	E10b	E11	E12	E13	E14	E15	E16	E17	E18	
1						%					
2						%					
3						%					
4						%					
5						%					
6						%					
7						%					
8						%					
9						%					
10						%					

**Note:** Person-days are calculated as the number of workers times the number of days they worked. For example, if 5 people work for 3 days and 2 people continue for 6 more days, the total number of person-days is  $5 \times 3 + 2 \times 6 = 27$ .

[illegible]

ENUMERATOR: ENTER PLOT-LEVEL RESPONSE FOR EACH PARCEL

Crop season	Parcel number	How many plots does your household have in each parcel?	Plot number	Do you usually practice crop rotation in this [PLOT]?	Do you usually practice fallowing in this [PLOT]?	What year did the fallow period begin, the last time [PLOT] was left fallow?	For how many years was [PLOT] left fallow, the last time [PLOT] was left fallow?	How was this plot ploughed during [SEASON]?	In what year did you first begin to practice zero/minimum tillage on [PLOT]?	What are the main reasons you are not practicing zero/minimum tillage practices on this [PLOT] during [SEASON]?	Did you practice contour ploughing or pit planting on [PLOT]?	How much manure did you apply to [PLOT] in [SEASON]?	What was the source of the manure for this [PLOT]?	How often do you apply manure to this [PLOT]?	What type of <b>other organic inputs</b> did you apply on [PLOT] in [SEASON]?	How much <b>other organic input</b> did you apply on [plot] in [season]?					
	[COPY PARCEL NUMBER FROM AGRICULTURAL MODULE. REPEAT PARCEL NUMBER IF THERE ARE MULTIPLE PLOTS ON THE PARCEL]	[FOR EACH PARCEL, WRITE THE NUMBER OF PLOTS]	[WRITE PLOT NUMBER]	1 Yes 2 No	1 Yes 2 No ► F6a	YEAR (FOUR DIGITS)	WRITE NUMBER OF YEARS	1 Hand hoe 2 Animal, mouldboard plough 3 Animal, disc plough 4 Tractor, mouldboard plough 5 Tractor, disc plough 6 Ridge tillage 7 Tied Ridge tillage 8 Planting pits 9 Zero/minimum tillage ► F6b 10 Strip/zonal tillage 11 Ripping 12 Mixed method 13 Other  ► F7a IF F6a IS NOT 9	YEAR [4-DIGITS] [WRITE -99 IF DO NOT REMEMBER]	1 It seems too risky 2 I believe the practice will lead to lower yields 3 It requires more labor for seeding and/or weeding 4 It requires special implement to seed 5 Too expensive 6 Never heard of it 7 Multiple reasons 8 Other	1 YES 2 NO	Quantity	Unit [SEE PAGE CODE]	1 Generated on farm 2 Obtained off farm 3 Other	1 Every year 2 Most years 3 Some years 4 Rarely 5 Just once	combination of organic inputs 6 Other 7 None ► F13]	Quantity	Unit [SEE PAGE CODE]			
	F1	F2a	F2b	F3	F4	F5a	F5b	F5c	F6a	F6b	F7a	F7b	F8	F9a	F9b	F10	F11	F12a	F12b	F12c	
rainy season	1																				
	1																				
	1																				
	1																				
	1																				
	1																				
	1																				
	1																				
	1																				
dry (dimba) season	2																				
	2																				
	2																				
	2																				
	2																				
	2																				
	2																				
	2																				
	2																				

\* Leguminous trees are ones that add nitrogen to soil, such as Calliandra (Calliandra calothyrsus), leucaena (Leucaena leucocephala), sesbania (Sesbania sesban), and Gliricidia (Gliricidia sepium)..

ENUMERATOR: ENTER PLOT-LEVEL RESPONSE FOR EACH PAR

Crop season	Parcel number	How many plots does your household have in each parcel?	Plot number	Are there any trees, herbaceous, shrubs on [PLOT]? 1 Indigenous 2 Exotic 3 Both indigenous and exotic 4 None ► F15	How many of these are leguminous trees* ? [ENTER NUMBER] [REPORT JUST ON RAINY SEASON TO AVOID DOUBLE COUNTING]	Which type of leguminous trees does your household have? [ENTER UPTO TWO TYPES . REPORT JUST ON RAINY SEASON ]  1 Musangu 2 Sesebania 3 Musekese 4 Lukina(Leucaena) 5 Moringa (zakalanda) 6 Masau 7 Mulubesi 8 Tephrosia 9 Mthete 10 Grilcidia 11 Acacia 12 India 13 Other		How many fruit trees? [ENTER NUMBER]	How many trees have you planted on [PLOT] within the past 5 years? [ENTER NUMBER]	How many trees have you removed from [PLOT] last year? [ENTER NUMBER] ► F16	What is your main reason for not having trees. bushes or shrubs in [PLOT]?  1 Takes too much land 2 Too difficult to obtain seedlings 3 Too expensive 4 Too difficult to protect seedlings 5 Too risky/uncertain 6 Multiple reasons 7 Other	Do you have soil erosion on [PLOT]?	What types of measures are you using to control soil erosion? [LIST UP TO THREE MEASURES]	Last year, how many labor days were spent on construction and maintenance on [measure] on [PLOT]?	What are the main reasons you have never had soil and water conservation structures on [PLOT]? [LIST UP TO TWO REASONS]							
	[COPY PARCEL NUMBER FROM AGRICULTURAL MODULE. REPEAT PARCEL NUMBER IF THERE ARE MULTIPLE PLOTS ON THE PARCEL]	[FOR EACH PARCEL, WRITE THE NUMBER OF PLOTS]	[WRITE PLOT NUMBER]																			
					[WRITE 0 IF NONE AND -99 IF DO NOT KNOW] ► F14c			[WRITE 0 IF NONE AND -99 IF DO NOT KNOW]	[WRITE 0 IF NONE AND -99 IF DO NOT KNOW]	[WRITE 0 IF NONE AND -99 IF DO NOT KNOW]			1 Yes 2 No ► NEXT PLOT	1 Stone terraces 2 Fanya juu/chini 3 Other terrace 4 Grass strips/barriers (e.g. vetiver grass) 5 Drainage/ditches 6 Trash lines 7 Planting trees 8 Ripping 9 Contour bands 10 Marker ridges 11 Ditch/swales 12 Box ridges 13 Other 14 None ► F19A	[COMPUTE THE PERSON-DAYS AS SHOWN ABOVE]  ► NEXT LINE	1 Requires too much labor 2 Materials not available 3 Materials too costly 4 No soil or water erosion problems 5 Too risky/benefits unclear 6 Other						
	F1	F2a	F2b	F3	F13	F14a	F14b_1	F14b_2	F14c	F14d	F14e	F15	F16	F17a	F17b	F17c	F18a	F18b	F18c	F19a	F19b	
rainy season	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
dry (dimba) season	2																					
	2																					
	2																					
	2																					
	2																					
	2																					
	2																					
	2																					

\* Leguminous trees are ones that add nitrogen to soil, such as:

Crops		Crops Varieties		Quantity Units	
Cereals		Root and tuber crops		Maize variety	
11	Maize	41	Onion	110	Kanyani
12	Wheat	42	Irish potato	111	Mkamgo
13	Pearl millet	43	Sweet potato	112	Njobvu
14	Sorghum	44	Garlic	113	DK 8033
15	Finger millet	45	Cassava	114	MH 18
16	Rice	49	Other roots, tubers	115	Chamakolo
19	Other grains	Perennial crops		116	Panner 53
Pulses and nuts		51	Avocado	117	Panner 44G19
21	Bean	52	Banana	118	Dk C9089
22	Soyabean	53	Mango	119	Kanjerenjere
23	Pigeonpea	54	Orange	1101	Masika
24	Chick-peas	55	Pawpaw/Papaya	1111	Other maize variety
25	Cow-peas	56	Coconut	Wheat variety	
26	Peas	57	Oil-palm	1212	Wheat
27	Groundnut	58	Sugar cane	Pearl millet variety	
28	Bambara nuts	59	Other perennial	1313	Pearl millet
29	Other pulses, nuts	Other crops		Sorghum variety	
Vegetables		61	Cotton	1414	Sorghum
31	Cabbage	62	Coffee	Finger millet variety	
32	Tomatoes	63	Tobacco	1515	Finger millet
33	Okra	64	Tea	Other grains variety	
34	Amaranthus	69	Other crops	1919	Other grains variety
35	Red paper	Pigeonpea variety		Rice variety	
36	Green pepper	230	Mwayi wathu alimi/Mwayi w	160	Kilombero
39	Other vegetables	231	Lokolo	161	Amanda
		232	Nthawa June	162	Kidine
		2323	Other pigeon pea variety	163	Pusa
		Chick pea variety		164	Tayi Chuni
		2424	Chick peas	165	Tayitu 10 (Title)
		Cow-peas variety		166	Blue Bonnet
		250	Sudan 1	167	Ussa
		251	IT 216	Bean variety	
		2525	Other cow-peas variety	210	Kaulesi
		Pea variety		211	Nanyati
		2626	Peas	212	Kayela
		Groundnut variety		213	Butter Beans
		270	Chalimbana	214	Chabinda
		271	Man pinta	215	Chimbamba
		272	Malimba	216	Sugar Bean
		273	CG7	217	Napilira
		274	RE1	218	Selenje
		275	Ukulugulu	219	Kholophethe
		276	Kapilinginya	2101	Kalima
		277	Zambia	2102	Phalombe
		278	Nsinjira	2121	Other bean variety
		2727	Other groundnut variety	Soyabean variety	
		Bambara nut variety		220	Nasoko
		2828	Bambara nuts	221	Tikolole
		Cabbage variety		222	Makwacha
		####	Pimpinolo	223	Ocepara 4
		4242	Other potato variety	2222	Other bean variety
Sweet potato variety		Garlic variety		Quantity unit codes	
430	Kenya	4444	Garlic	Code	Unit
431	Kajoni	Cassava variety		1	Kilogram
432	Ameleka	450	Manyokola	2	Gram
433	Kanchiputu	451	Chitembana	3	Liter
4343	Other potato variety	452	Mchilingano	4	Unit or Piece
		453	Thepula	5	Cane/Basket
		454	10 10	6	Bucket/Tin
		455	20 20	7	90kg maxibag
		456	Mpapa	8	50kg minibag
		457	Masangwi	9	Ox-cart
		4545	Other cassava variety	10	Trailer
		Avocado variety		11	Lorry
		5151	Avocado	12	Headload
		Banana variety		13	Bunch
		520	Sukari	14	Bale
		521	Zibowa	15	Sachet/tube
		5252	Other banana variety	16	Plate
		Mango variety		17	Cup
		530	Kalisele	18	Heap
		531	Dodo	19	Basin
				20	Packet
				21	Bag
				22	Container
				23	Bottle
				24	Other



## SECTION G1. CROP PRODUCTION

ENUMERATOR: FIRST ASK WHICH CROPS WERE GROWN BY THE HOUSEHOLD ON EACH PARCEL, EACH PLOT, AND EACH SEASON. THEN ASK G1\_5A-G1\_10. NOTE THAT THE INFORMATION TO BE COLLECTED IN THIS MODULE IS AT THE PLOT-SEASON LEVEL.

[LAST COMPLETED CROPPING SEASON: 2012 OR 2013]	Parcel number	Plot number [number within parcel]	What crop was planted on this plot during [SEASON]?		Was this an improved variety of [CROP]?	What was the area planted with [CROP] on this plot during [SEASON]?		[APPLY/PLAY THE '50 BEANS GAME' ONLY FOR MULTIPLE CROPS IN A PLOT] WRITE 100 IF SINGLE CROP PER PLOT.  What was the % of area planted with [CROP] on this plot during [SEASON]?	How much [CROP] was harvested from this [PLOT] during the <u>last agricultural season</u> ?	Which family member had <u>main responsibility</u> for farming this plot?	How was the yield of your harvest in 2012/2013 compared with harvest your household collects in a normal year?	What is the main reason for this difference in yield compared with yield the normal year?		
	COPY PARCEL ID NUMBER FROM MODULE "E LAND" [REPEAT PARCEL NUMBER IF THERE ARE MULTIPLE PLOTS ON THE PARCEL]	[REPEAT PLOT NUMBER IF THERE ARE MULTIPLE CROPS ON THE PLOT]	Crop code [SEE ABOVE]	STOP AND COMPLETE THE G CROP FLAP	1 Yes 2 No 3 Do not know	Area	Area unit 1 Acre 2 Hectare 3 M <sup>2</sup> 4 Football field 5 Other	ENTER <u>THE % OF AREA PLANTED (MULTIPLY THE NUMBER OF BEANS BY 2)</u> CORRESPONDING TO EACH CROP IN AN INTERCROPPED PLOT.	Quantity	Unit [SEE PAGE CODE]	1 Head 2 Spouse of head 3 Both head and spouse 4 Other	1 Much higher 2 Little higher 3 Roughly the same ▶ NEXT LINE 4 Little lower 5 Much lower 6 Don't know ▶ NEXT LINE	1 Good rainfall 2 Bad rain fall 3 Fertilizer use 4 Improved seed use 5 Other chemical 6 Soil degradation 7 Pests or disease 8 Multiple reasons 9 Other	
	G1_1	G1_2	G1_3	G1_4		G1_5	G1_6a	G1_6b	G1_6c	G1_7a	G1_7b	G1_8	G1_9	G1_10
rainy season	1									%				
	1									%				
	1									%				
	1									%				
	1									%				
	1									%				
	1									%				
	1									%				
dry (dimba) season	2									%				
	2									%				
	2									%				
	2									%				
	2									%				
	2									%				
	2									%				
	2									%				

Note: For tree crops, record all information in the rainy season, leaving the dry (dimba) season row empty (to avoid double-counting).

Note: For mixed cropping or more than one crop in a plot, record plot number in more than one row and each crop in a separate row.

**SECTION G2. CROP INPUTS (COSTS)**
**ENUMERATOR: COMPLETE G2\_5A TO G2\_13C FOR EACH CULTIVATED CROP IN EACH PLOT IN EACH SEASON**

Crop season	Parcel number	Plot number	Crop codes	For the [CROP] grown in this [PLOT], how much [INPUT TYPE] did this household use during [SEASON]?									
	[COPY PARCEL NUMBERS FROM CROP FLAP]	[COPY PLOT NUMBERS FROM CROP FLAP]	[COPY CROP CODES FROM CROP FLAP]	INPUT TYPE									
				..seed saved from the previous harvest [WRITE 0 IF NO SAVED SEED] (WRITE -99 IF VALUE IS NOT KNOWN)			...seed obtained for free or in barter. [WRITE 0 IF NO FREE/BARTER SEED] (WRITE -99 IF VALUE IS NOT KNOWN)			...traditional seed that was purchased. [WRITE 0 IF NO TRADITIONAL SEED IS PURCHASED]			
				Quantity	Unit [SEE PAGE CODE]	Estimated value in MWK	Quantity	Unit [SEE PAGE CODE]	Estimated value in MWK	Quantity	Unit [SEE PAGE CODE]	Value in MWK	
	G2_1	G2_2	G2_3	G2_4	G2_5a	G2_5b	G2_5c	G2_6a	G2_6b	G2_6c	G2_7a	G2_7b	G2_7c
rainy season	1												
	1												
	1												
	1												
	1												
	1												
	1												
	1												
dry (dimba) season	2												
	2												
	2												
	2												
	2												
	2												
	2												
	2												

\*Basal application refers to an application of fertilizer near the base of the stems.

[illegible]

**Note:** Person-days are calculated as the number of workers times the number of days they worked. For example, if 5 people work for 3 days and 2 people continue for 6 more days, the total number of person-days is  $5 \times 3 + 2 \times 6 = 27$ .

[illegible]

**SECTION G3. CROP INPUTS (LABOR)**

<b>G3 0 1</b>	Which of the following activities did you use hired labor in the last growing season? (CHECK ALL THAT APPLY) 1 Land preparation and planting 2 Weeding 3 Herbicide application 4 Applying chemical fertilizer 5 Applying manure & other organic inputs 6 Pest control 7 Harvest & post-harvest activities 0 None
<b>G3 0 2</b>	Which of the following activities did you use communal labor in the last growing season? (CHECK ALL THAT APPLY) 1 Land preparation and planting 2 Weeding 7 Harvest & post-harvest activities 0 None

[If none is selected, then the default value in all the relevant fields will be 0. The same will happen if an option is not selected]

[If the household uses no hired labor in any of the activities, then G13 12m and G13 12f will be filled with 0]

**ENUMERATOR: COMPLETE G3\_5F\_M TO G3\_13 FOR EACH CULTIVATED CROP IN EACH PLOT IN EACH PARCEL. WRITE 0 IF NO [LABOR TYPE] IS USED FOR [ACTIVITY TYPE] FOR [CROP]**

Crop season		Parcel number	Plot number	Crop codes	In growing the [CROP] on [PLOT], how many <b>person-days*</b> of [TYPE OF LABOR] were used for [ACTIVITY TYPE]?																	
		[COPY PARCEL NUMBERS FROM CROP FLAP]	[COPY PLOT NUMBERS FROM CROP FLAP]	[COPY CROP CODES FROM CROP FLAP]	Land preparation and planting					Weeding					Herbicide application				Applying chemical fertilizer			
					Family labor		Hired labor**		Communal labor	Family labor		Hired labor		Communal labor	Family labor		Hired labor		Family labor		Hired labor	
					Male	Female	Male	Female		Male	Female	Male	Female		Male	Female	Male	Female	Male	Female	Male	Female
rainy season	G3_1	G3_2	G3_3	G3_4	G3_5f_m	G3_5f_f	G3_5h_m	G3_5h_f	G3_5c	G3_6f_m	G3_6f_f	G3_6h_m	G3_6h_f	G3_6c	G3_7f_m	G3_7f_f	G3_7h_m	G3_7h_f	G3_8f_m	G3_8f_f	G3_8h_m	G3_8h_f
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
dry (dimba) season	2																					
	2																					
	2																					
	2																					
	2																					
	2																					
	2																					
	2																					
	2																					

\*A person-day is the number of people working times the number of days worked. Example: 3 people working for 4 days is 12 person-days.

\*\* Count assistance from other farmers through labor exchange as "Hired labor". Do not include labor provided by the household to other farms.

SECTION G3. CROP INPUTS (LABOR)

ENUMERATOR: COMPLETE G3\_5F\_M TO G3\_13 FOR E/

Crop season	Parcel number	Plot number	Crop codes	In growing the [CROP] on [PLOT], how many person-days* of [TYPE OF LABOR] were used for [ACTIVITY TYPE]?														What was the average daily wage paid to hire male workers? [WRITE 0 IF NO MALE LABOR IS HIRED. WRITE ESTIMATED VALUE IF IN-KIND]	What was the average daily wage paid to hire female workers? [WRITE 0 IF NO FEMALE LABOR IS HIRED. WRITE ESTIMATED VALUE IF IN-KIND]	What is the total cost of any other hired labor that has NOT been counted? [WRITE 0 IF NO LABOR IS HIRED. WRITE ESTIMATED VALUE IF IN-KIND]
	[COPY PARCEL NUMBERS FROM CROP FLAP]	[COPY PLOT NUMBERS FROM CROP FLAP]	[COPY CROP CODES FROM CROP FLAP]	Applying manure & other organic inputs				Pest control				Harvest & post-harvest activities								
				Family labor		Hired labor		Family labor		Hired labor		Family labor		Hired labor		Communal labor				
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		(MWK per day)	(MWK per day)	(MWK )	
rainy season	G3_1	G3_2	G3_3	G3_4	G3_9f_m	G3_9f_f	G3_9h_m	G3_9h_f	G3_10f_m	G3_10f_f	G3_10h_m	G3_10h_f	G3_11f_m	G3_11f_f	G3_11h_m	G3_11h_f	G3_11c	G3_12m	G3_12f	G3_13
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
dry (dimba) season	2																			
	2																			
	2																			
	2																			
	2																			
	2																			
	2																			
	2																			

\*A person-day is the number of people working times the number of days worked. Example: 3 people working for 4 days is 12 person-days.  
\*\* Count assistance from other farmers through labor exchange as "Hired labor". Do not include labor provided by the household to other farms.

G CROP FLAP

Crop season		Parcel number	Plot number	Crop codes
		[COPY PARCEL NUMBERS FROM G1]	[COPY PLOT NUMBERS FROM G1]	[COPY CROP CODES FROM G1]
rainy season	1			
	1			
	1			
	1			
	1			
	1			
	1			
	1			
	1			
	1			
	1			
dry (dimba) season	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			

**ENUMERATOR: ASK G4 3 TO G4 12B FOR EACH CROP GROWN BY THE HOUSEHOLD IN EITHER SEASON OF 2012/2013.**

[illegible]



# SECTION H. CROP SALES - QUANTITIES

ENUMERATOR: THIS TABLE IS AT THE CROP LEVEL, NOT PLOT LEVEL, FOR EACH SEASON

ENUMERATOR: THIS TABLE IS AT

Crop season	What crops were grown during 2012/13? [COPY CROP CODES FROM MODULE G1 CROP CODE]		How much <u>failure</u> in [CROP] did you incur before the harvest?				What is the reason of the crop <u>failure</u> ?	How much <u>[CROP]</u> without stover was harvested during each season of 2012/13?		How much [CROP] was harvested as stover during each season of 2012/13?		How much of the total harvest (including stover) was used for animal feed?			How much was left on the field as crop residue (but not burned)?			How much was saved for seed?		
	Quantity	Unit	Estimated value	% of the usual harvest	1 Drought/little rain 2 Excessive rains/floods 3 Pests/diseases 4 Late planting 5 Poor quality soil 6 Multiple reasons 7 Other		Quantity [WRITE 0 IF NO HARVEST WITHOUT STOVER AND ► H6a]	Unit [SEE CODE PAGE]	Quantity [WRITE 0 IF NO HARVEST OF STOVER AND ► H7a]	Unit [SEE CODE PAGE]	Quantity [WRITE 0 IF NOT USED FOR ANIMAL FEED AND ► H8a]	Unit [SEE CODE PAGE]	Estimated Value	Quantity [WRITE 0 IF NO CROP RESIDUE AND ► H9a]	Unit [SEE CODE PAGE]	Estimated Value	Quantity [WRITE 0 IF SEED IS NOT SAVED ► H10a]	Unit [SEE CODE PAGE]	Estimated Value	
	WRITE 0 IF NO CROP FAILURE AND ► H5a	Unit [SEE CODE PAGE]	MWK	Percent IF 100% FAILURE, ASK H4 AND GO TO THE NEXT LINE																
	H1	H2	H3a	H3b	H3c	H3d	H4	H5a	H5b	H6a	H6b	H7a	H7b	H7c	H8a	H8b	H8c	H9a	H9b	H9c
rainy season	1					%														
	1					%														
	1					%														
	1					%														
	1					%														
	1					%														
	1					%														
	1					%														
	1					%														
	1					%														
dry (dimba) season	2					%														
	2					%														
	2					%														
	2					%														
	2					%														
	2					%														
	2					%														
	2					%														
	2					%														
	2					%														

Note: For tree crops, record all information in the rainy season only, to avoid double-counting.

# **SECTION H. CROP SALE:**

ENUMERATOR THE CROP LEVEL, NOT PLOT LEVEL, FOR EACH SEASON

Crop season	What crops were grown during 2012/13? [COPY CROP CODES FROM MODULE G1 CROP CODE]		How much was used <b>for gifts and exchange</b> (except own consumption and sales)?			How much of the harvest was used for <b>own consumption</b> ?		How much of the total harvest was burned as crop residue?		How much of the total harvest was used as residues for mulching ?		How much of the total harvest was used for other purposes (e.g., building material, cooking purposes)		How much of this harvest was sold?		What unit price did you receive when selling this crop?	What was the main place where it was sold?	How long does it take you to go from your house to get to the main place where it was sold (in minutes using the usual mode of transport)	Who was the <b>main</b> buyer of [CROP]?	Did the buyer contract you to grow [CROP]?
	Quantity [WRITE 0 IF NO GIFT/EXCHANGE ► H11a	Unit [SEE CODE PAGE]	Estimated Value	Quantity [WRITE 0 IF NO OWN CONSUMPTION ► H12a	Unit [SEE CODE PAGE]	Quantity [WRITE 0 IF NO BURNED CROP RESIDUE ► H13a	Unit [SEE CODE PAGE]	Quantity [WRITE 0 IF NO RESIDUE FOR MULCHING ► H14a	Unit [SEE CODE PAGE]	Quantity [WRITE 0 IF NOT USED FOR OTHER PURPOSES ► H15a	Unit [SEE CODE PAGE]	Quantity [WRITE 0 IF NO SALE AND ► NEXT LINE]	Unit [SEE CODE PAGE]	MWK per quantity unit	1 On farm or home ► H19 2 Local market 3 Regulated market 4 Roadside 5 Cooperative 6 Processor 7 Other		<div>TIME ONE WAY ONLY</div>	1 Farmer or consumer 2 Trader 3 Processor 4 Cooperative 5 Government 6 Other	1 Yes 2 No	
	H1	H2	H10a	H10b	H10c	H11a	H11b	H12a	H12b	H13a	H13b	H14a	H14b	H15a	H15b	H16	H17	H18	H19	H20
rainy season	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
	1																			
dry (dimba) season	2																			
	2																			
	2																			
	2																			
	2																			
	2																			
	2																			
	2																			
	2																			
	2																			

Note: For tree crops, record all in

# SECTION I. CROP STORAGE

Crop season of 2012/13			Crop code	Crop name	Did you have any [CROP] in storage <b>one month after</b> [SEASON] harvest?	What is the total quantity of [CROP] that you had in storage one month after [SEASON] harvest, <b>excluding crop corpses</b> ?		What type of storage facility did you use to store [CROP]?	Did you have enough storage for [CROP]?	How many <b>months</b> after the harvest did you run out of stock of [CROP] in your storage?	How much of the [CROP] you stored was lost before you could sell or consume it?	What was/is the main cause of these losses?	What are the <b>two</b> main uses of the stored [CROP]?	Which method do you use to dry [CROP]?	Do you use any pesticides or chemicals when drying [CROP] <b>in piles</b> ?	Do you know if Aflatoxin can affect [CROP] negatively?
					1 Yes 2 No ► I12	Quantity	Unit [SEE CODE PAGE]	1 Granary 2 Pit in ground 3 Drums 4 Cribs 5 Sacks/bags 6 Roof 7 Raised open platforms 8 Raised roofed platforms 9 Open ground-covered 10 Open ground-uncovered 11 Underground 12 Commercial storage 13 Multiple methods 14 Other	1 Yes 2 No	Months [WRITE -99 IF YOU HAVE NOT RUN OUT OF STOCK YET]	Percent [WRITE 0 IF NONE AND ► I11a]	1 Rodents 2 Insects 3 Mold 4 Theft 5 Harvested too early 6 Multiple reasons 7 Other	1 Seed 2 To consume later 3 To process alcohol 4 For sale at better price 5 For cash needs later 6 Livestock feed 7 Other	1 Piles of cobs/pods on the ground - <b>without</b> cover 2 Piles of cobs/pods on the ground - <b>with</b> cover 3 Dry, shell and dry 4 Dry and store 5 Lay on tarpaulin for sun drying 6 Dry at commercial facility 7 Not applicable 8 Other  ► I14 IF I12 = 3, 4, 5, 6, 7, or 8	1 Yes 2 No	1 Yes 2 No 3 Never heard of Aflatoxin 4 Do not know
	I1	I2	I3	I4	I5a	I5b	I6	I7	I8	I9	I10	Main use I11a	Second use I11b	I12	I13	I14
rainy season	1	11	Maize								%					
	1	12	Wheat								%					
	1	13	Pearl millet								%					
	1	14	Sorghum								%					
	1	15	Finger millet								%					
	1	16	Rice								%					
	1	21	Bean								%					
	1	22	Soyabean								%					
	1	23	Pigeonpea								%					
	1	24	Chick-peas								%					
	1	25	Cow-peas								%					
	1	26	Peas								%					
	1	27	Groundnut								%					
	1	28	Bambara nuts								%					
dry (dimba) season	1	42	Potato								%					
	1	43	Sweet potato								%					
	1	45	Cassava								%					
	1	61	Cotton								%					
	1	63	Tobacco								%					
	2	11	Maize								%					
	2	12	Wheat								%					
	2	13	Pearl millet								%					
	2	14	Sorghum								%					
	2	15	Finger millet								%					
	2	16	Rice								%					
	2	21	Bean								%					
	2	22	Soyabean								%					
	2	23	Pigeonpea								%					
2	24	Chick-peas								%						
2	25	Cow-peas								%						
2	26	Peas								%						
2	27	Groundnut								%						
2	28	Bambara nuts								%						
2	42	Potato								%						
2	43	Sweet potato								%						
2	45	Cassava								%						
2	61	Cotton								%						
2	63	Tobacco								%						

## SECTION J1. LIVESTOCK OWNERSHIP

ASK THE HOUSEHOLD HEAD OR OTHER KNOWLEDGEABLE MEMBER

Code	Animal type	In the past 12 months, have members of your household raised or produced [ANIMAL TYPE]?	What type of management system does the household use for [ANIMAL TYPE]?	Which family member had main responsibility for taking care of the [ANIMAL TYPE]?	How many [ANIMAL TYPE] does your household currently own?	What is the estimated total value of [ANIMAL TYPE] your household currently own?	How many [ANIMAL TYPE] did your household own at this time last year?	Over the past 12 months, how many of your [ANIMAL TYPE] have been slaughtered to be consumed in the household?	Over the past 12 months, how many of your [ANIMAL TYPE] were lost (died, stolen,...)?	Over the past 12 months, how many of your [ANIMAL TYPE] have been given out as gift?	Over the past 12 months, how many of your [ANIMAL TYPE] have you sold?	On average, how much was the unit price of each [ANIMAL TYPE] (or carcasses) sold?	Over the past 12 months, how much manure the [ANIMAL TYPE] has produced that the household was able to collect?		Which was the main use of this manure coming from [ANIMAL TYPE]?	Over the past 12 months, how much have you earned in total from manure sales by [ANIMAL TYPE]?	Over the past 12 months, how much have you spent in total on costs for [ANIMAL TYPE] such as veterinary supplies, taxes, and hired labor?	Over the past 12 months, did [ANIMAL TYPE] receive supplemental feeds?	Over the past 12 months, how much have you earned in total from the following activities...?	
													WRITE 0 IF NO MANURE WAS COLLECTED ► J1_17]	Unit [SEE CODE PAGE]					Activity	MWK total
J1_1	J1_2	J1_3	J1_4	J1_5	J1_6	J1_7	J1_8	J1_9	J1_10	J1_11	J1_12	J1_13	J1_14a	J1_14b	J1_15	J1_16	J1_17	J1_18	J1_19a	J1_19b
100	Draught cattle																		Rental	
101	Bulls -local-																		Rental	
102	Bulls -improved-																		Rental	
103	Fattening cattle -local-																		Meat products	
104	Fattening cattle -improved-																		Meat products	
105	Cows -local-																		Dairy products	
106	Cows -improved-																		Dairy products	
107	Heifers -local-																			
108	Heifers -improved-																			
109	Calves -local-																			
110	Calves -improved-																			
111	Horse/donkey/mule																		Rental	
112	Goats -local-																		Goat milk	
113	Goats -improved-																		Goat milk	
114	Sheep																			
115	Pigs -local-																			
116	Pigs -improved-																			
117	Chickens																		Egg sales	
118	Fish																			
119	Other livestock																			
120	Honey bees*				*	*	*			*	*								Honey sales	
121	None																			
122	Other livestock (2)									*	*									

\* Note: For honey bees, record number of occupied hives (not bees) in J1\_6, J1\_8, J1\_12; total value of hives in J1\_7; and value per hive in J1\_13.

**ASK THE HOUSEHOLD HEAD OR OTHER KNOWLEDGEABLE MEMBER**

[illegible]

ENUMERATOR: PLEASE THANK THE RESPONDENT AND SET UP DATE AND TIME FOR NEXT VISIT

CHECKLIST

A23	HAVE YOU DONE THE "50 BEANS GAME" TO CALCULATE INTERCROPPED AREA? (QUESTION G1_6A IN CROP PRODUCTION SECTION G1)
	1 Yes
	2 No

	END TIME
A19a	:
	HOUR
	MIN

# K. AGRICULTURE-RELATED PROBLEMS AND COPING STRATEGIES

ASK HEAD OF THE HOUSEHOLD

ENUMERATOR: READ ALOUD EACH ACTIVITY AND CHECK IF APPLICABLE

Activity ID	Activity	Did you face any problem in relation with [ACTIVITY] during the last completed cropping season?  1 YES ▶ NEXT LINE APPLICABLE ▶ NEXT LINE 2 NO 3 NOT APPLICABLE ▶ NEXT LINE	What are the <b>major problems</b> your household faces with regard to [ACTIVITY]? [LIST UPTO <b>TWO</b> ] [SEE PROBLEM CODES TO THE RIGHT]		What are the <b>major strategies your household uses to</b> tackle problems you face with regard to [ACTIVITY]? [LIST UPTO <b>TWO</b> ] [SEE STRATEGY CODES TO THE RIGHT]	
			1st	2nd	1st	2nd
ID	K1	K2	K3a	K3b	K4a	K4b
1	Crop production					
2	Crop storage					
3	Crop sale					
4	Livestock husbandry, sale of animals and animal products (e.g., dairy products)					

## Problem Codes

### Crop Production

10 Shortage of agricultural inputs (e.g., labor, improved seeds), farm equipment)  
11 High price of agricultural inputs  
12 Long distance to agricultural input markets  
13 Low soil fertility  
14 Limited access to farming land/small land size  
15 Land tenure insecurity  
16 Poor quality of seeds  
17 Crop pests and diseases  
18 Drought  
19 Unfavorable weather condition (e.g., excessive rain, untimely rain, excessive cold, excessive heat

### Crop Storage

20 Pests/insects  
21 Poor storage condition  
22 Too small  
23 Too far

### Crop Sale

30 Long distance to output market  
31 Fluctuating output price

### Livestock husbandry and Sale

40 Limited access to grazing land  
41 Poor forage quality  
42 Limited access to drinking water  
43 Low-yield animal variety  
44 Poor animal housing  
45 Disease  
46 Limited access to veterinary service and medications  
47 Animal death  
48 Conflict over land, water, and other resources

### Cross-cutting problems

50 Lack of information/limited knowledge  
51 Limited access to credit  
52 Lack of transportation  
53 Poor road quality  
54 Theft

99 Other problems

## Coping Strategies Codes

### Crop Production

100 Increase household's labor share  
101 Participate in labor exchanges  
102 Adjust input use (e.g., seeds and fertilizer) to conditions  
103 Rent/hire/share/purchase agricultural and  
104 Borrow/rent/hire farm equipment  
105 Use irrigation  
106 Build soil conservation structures  
107 Use pesticides  
108 Dig bore holes/wells/dams/reservoirs/streambeds  
109 Migration

### Crop Storage

200 Use silo /nkhokwe/pit granary  
201 Store crops in home  
202 Rent/hire storage space from others  
203 Build storage unit  
204 Use pesticides

### Crop Sale

300 Postpone sale of produce  
301 Sale produce in piecemeal  
302 Sale produce in neighboring countries  
303 Hire transport (alone or as a group)

### Livestock husbandry

400 Rent/hire grazing land  
401 Purchase/trade forage  
402 Diversify breeds/breeding habits  
403 Migrate for grazing and/or water  
404 Purchase high yield breeds  
405 Sell/slaughter animals  
406 Market in an association /delay marketing

### Solutions to cross-cutting problems

500 Join farmers' association  
501 Borrow money from family/friends /banks  
502 Rely on government support/charity  
503 Ask advice from family/friends /extension agents  
504 Reduce household expenditures  
505 Share transport  
506 Rent/hire transport

999 Other interventions  
1000 Took no action

**SECTION L. INTERACTION WITH AGRICULTURAL EXTENSION AGENTS AND AFRICA RISING**
**ASK THE HEAD OF THE HOUSEHOLD OR OTHER KNOWLEDGEABLE MEMBER**

S o u r c e  I D	Source Name	Have you received advice/information on vegetable gardens, crops, livestock, or soil and natural resource management from [SOURCE] in the last 12 months?	Is [SOURCE] among the three most important sources you would prefer to ask/seek advice/information?	How often did [SOURCE] visit your farm <b>during the last cropping season</b> to give you advice on farming/raising livestock?	How often did you visit [SOURCE] <b>during the last cropping season</b> to get advice on farming/raising livestock?
				1 At least once every week 2 Not weekly but at least once every month 3 Not every month but at least once during the cropping season	1 At least once every week 2 Not weekly but at least once every month 3 Not every month but at least once every six months 4 Once per year 5 Never 6 Other
		1 Yes 2 No ► NEXT LINE	1 Yes, 1st most important 2 Yes, 2nd most important 3 Yes, 3rd most important 4 Not among the three important sources	4 Just once 5 Never 6 Other	
ID	L1	L2	L3	L4	L5
1	Friend/neighbor				
2	Model farmer				
3	Other farmer				
4	Farmer's group				
5	Agricultural development/ extension agent				

<b>L6</b>	How far is your local Farmer Training Center (one way and in minutes) using the usual mode of transport?  [WRITE -99 IF DO NOT KNOW] <input type="text"/> min	<b>L13</b>	Have you heard of Africa RISING program?  1 Yes <input type="text"/> 2 No ► GO TO OTHER INCOME MODULE M
<b>L7</b>	Have you ever participated in the activities of your Farmer Training Center? 1 Yes <input type="text"/> 2 No	<b>L14</b>	Have you ever participated in any activity as part of/organized by Africa RISING program?  1 Yes <input type="text"/> 2 No ► L17
<b>L8</b>	Think of the agricultural extension/development agent you interact with the most. How long have you known that agent?  [WRITE YEAR] <input type="text"/> years  [WRITE -99 IF YOU DON'T KNOW ANY AGENT. WRITE 1 IF YOU HAVE KNOWN THE AGENT FOR LESS THAN 1 YEAR]		Which Africa RISING-related activity did you get involved in? [LIST UP TO THREE] 1 Community meetings 1st <input type="text"/> L15a 2 Trainings 2nd <input type="text"/> L15b 3 On-farm experimentation of new or improved agricultural technology 3rd <input type="text"/> L15c 4 Demonstration field days 5 Other
<b>L9</b>	Have you tried any new agricultural technologies/management practices during the last farming season?  1 Yes <input type="text"/> 2 No ► L11	<b>L16</b>	Do you plan to continue participating in Africa RISING activities in the next planting season?  1 Yes ► GO TO OTHER INCOME MODULE <input type="text"/> 2 No
<b>L10</b>	Have these been new activities your agent has demonstrated to you? 1 Yes <input type="text"/> 2 No		What are your reasons for not participating in Africa RISING activities? [LIST UP TO THREE]  1 Not relevant to my activities 1st <input type="text"/> L17a 2 Technology not appropriate 2nd <input type="text"/> L17b 3 Too expensive 3rd <input type="text"/> L17c 4 Too risky 5 Prefer to be on my own 6 Not enough information 7 No time 8 I was turned down 9 Other
<b>L11</b>	Are you a member of your community's farmer research group?  1 Yes <input type="text"/> 2 No ► L13 WRITE -99 IF NOT APPLICABLE		
<b>L12</b>	Have you ever used a new technology that you have seen at your research group activity or field day?  1 Yes <input type="text"/> 2 No WRITE -99 IF NOT APPLICABLE		



**SECTION M. OTHER INCOME**

**ASK THE HEAD OF THE HOUSEHOLD OR OTHER KNOWLEDGEABLE MEMBER**

Other Income Activity Code	Other income activity name	In the <u>past 12 months</u> , have members of your household received any income from [ACTIVITY]?	Who in the household is <u>mainly</u> responsible for [ACTIVITY]?	How many months <u>out of the</u> <u>past 12 months</u> did members of this household receive income from [ACTIVITY]?	For each of these months that your household earned income from [ACTIVITY], how much <b>MONTHLY</b> <b>INCOME</b> , on average, did your household make?
		1 Yes 2 No ► NEXT LINE	1. Head 2. Spouse of head 3. Both head and spouse 4. Other	Months	MWK per month
<b>ID</b>	<b>M1</b>	<b>M2</b>	<b>M3</b>	<b>M4</b>	<b>M5</b>
100	Family/Household non-farm enterprise income				
101	Firewood & other forest products				
102	Grain milling				
103	Local beer brewing & malting				
104	Other agricultural processing business* (e.g., packaging)				
105	Pension				
106	Remittances from family members or friends				
107	Other assistance				
108	Property non-farm rental incomes (e.g., houses, tractors)				

\* Agricultural processing" includes processing of crops grown on farm and processed for sale

# **SECTION N. CREDIT**

**ENUMERATOR: ASK THE HOUSEHOLD HEAD OR OTHER KNOWLEDGEABLE MEMBER**

<b>N1</b>	Is any member of this household currently a member of a credit association?	1. Yes 2. No	<input type="text"/>
<b>N2</b>	<u>During the last 12 months</u> , did anyone in this household apply for credit or ask for a loan of at least 2,000 MWK?	1. Yes 2. No ►N11	<input type="text"/>

**ENUMERATOR: FOR EACH CASH LOAN REQUESTED OR APPLIED FOR, FILL IN ONE LINE BELOW WHETHER OR NOT THEY RECEIVED THE LOAN. ASK ABOUT THE MOST RECENT LOAN FIRST, AND GO BACKWARD IN TIME FROM THERE.**

	Whom did you ask for a loan or credit?	Did the household receive a loan?	What was the amount borrowed ?	How long was the loan for?	What was the annual interest rate on this loan?	What was the main way the money was used?	Which member was responsible for the loan?	Were you able to repay the loan?
Request number	1 Relatives 2 Friends 3 Money lender 4 Cooperative 5 Bank 6 Credit Association 7 Micro Finance Institutions (MFIs) 8 Others	1 Yes 2 No ►N11	MWK	Months	Percent	1 Ag inputs 2 Ag investment 3 Livestock 4 Non-ag bus. 5 Health costs 6 Education 7 Food purchase 8 Loan repayment 9 Have not used it yet 10 Other	1 Head 2 Spouse of head 3 Both head and spouse 4 Other	1 Yes, all 2 Only part 3 Not at all 4 Not yet due
ID	N3	N4	N5	N6	N7	N8	N9	N10
1					%			
2					%			
3					%			

<b>N11</b>	<u>During the last 12 months</u> , did you receive any crop inputs or ag. equipment on credit?	1. Yes No ► HOUSING MODULE O	2.	
------------	--	------------------------------------	----	--

**Enumerator: For each crop input or equipment received on credit, fill in one line**

		Did you obtain [INPUT TYPE] on credit during the last 12 months?	Who offered you these goods on credit?	What was the value of these inputs?	What crop or livestock was the input used on?	How much time is the credit for?	Were you able to repay the credit?
Input type code	Input type name	1 Yes No ► NEXT LINE 2	1 Input supplier 2 Trader 3 Processor 4 Cooperative 5 Farmer 6 Min of Agric. 7 NGO Multiple sources 9 Other 8	MWK	[LIST UP TO THREE] [FOR CROP CODES USE PAGE CODE; FOR LIVESTOCK CODES SEE "J1 LIVESTOCK" MODULE]	Months	1 Yes, all 2 Only part 3 None of it 4 Not yet due
ID	N12	N13	N14	N15	N16a   N16b   N16c	N17	N18
1	Seed						
2	Fertilizer						
3	Pesticides*						
4	Farm machinery						
5	Animals						
6	Other input						

\* It includes insecticides, herbicides, fungicides, etc.

# SECTION O. HOUSING AND ASSETS

## ASK THE HEAD OF THE HOUSEHOLD OR OTHER KNOWLEDGEABLE MEMBER

What is the main material used for the outer walls of the house?

O1

- |                       |                         |
|-----------------------|-------------------------|
| 1 Mud/mud brick/clay  | 4 Cement/sandcrete bloc |
| 2 Wood/bamboo         | 5 Thatch/cardboard      |
| 3 Stone/burned bricks | 6 Other                 |

What is the main material used for the floor in your house?

O2

- |                       |                   |
|-----------------------|-------------------|
| 1 Earth/mud/mud brick | 4 Cement/concrete |
| 2 Wood                | 5 Ceramic/tiles   |
| 3 Stone               | 6 Other           |

What is the main material used for the roof on your house?

O3

- |                        |                          |
|------------------------|--------------------------|
| 1 Leaves/raffia/thatch | 5 Asbestos/slate/tiles   |
| 2 Wood                 | 6 Mud/earth roof (tembe) |
| 3 Corrugated metal     | 7 Plastic sheeting       |
| 4 Cement/concrete      | 8 A combination          |
|                        | 9 Other                  |

How many distinct rooms does the household occupy located in the same or different places? (number) (exclude toilet, kitchen, & bath rooms)

O4

How many windows does the housing unit have? (number)

O5

How much monthly rent are you paying [IF RENTING IN] or how much monthly rent would you receive if you were to rent out this house?  
[ENTER -99 IF RESPONDENT DOES NOT KNOW]  
(MWK/month)

O6

What is the main source of drinking water for your household?

O7

- |                         |                           |
|-------------------------|---------------------------|
| 1 Piped into dwelling   | 6 Pond/Lake/Dam           |
| 2 Public tap            | 7 River                   |
| 3 Borehole, well & pump | 8 Rainwater               |
| 4 Well without pump     | 9 Sachet or bottled water |
| 5 Spring                | 10 Other                  |

What is the main type of toilet used by your household?

- |                   |                  |
|-------------------|------------------|
| 1 Private KVIP    | 4 Shared latrine |
| 2 Shared KVIP     | 5 Bush or field  |
| 3 Private latrine | 6 Other          |

O8

What is the main type of lighting used by your household?

- |                   |                        |
|-------------------|------------------------|
| 1 Electric lights | 4 Oil or kerosene lamp |
| 2 Torch           | 5 Other                |
| 3 Candles         | 6 Solar panel          |
|                   | 7 None                 |

O9

What is the main type of cooking fuel used by your household?

- |             |                      |
|-------------|----------------------|
| 1. Wood     | 4. Electricity       |
| 2. Charcoal | 5 Kerosene/paraffine |
| 3. Gas/LPG  | 6. Other             |

O10

**SECTION O. HOUSING AND ASSETS**

**ASK THE HEAD OF THE HOUSEHOLD OR OTHER KNOWLEDGEABLE MEMBER. READ ALOUD EACH ASSET TYPE.**

How many of the following goods does your household own?			
Asset code	Asset type	How many units of [ASSET TYPE] does your household currently own? [WRITE 0 IF NONE ► NEXT LINE]	When did your household acquire [ASSET TYPE]? WRITE FOUR DIGIT YEAR AND -99 IF DO NOT REMEMBER. IF MULTIPLE PIECES OF AN ASSET ARE ACQUIRED AT DIFFERENT TIMES, WRITE YEAR OF THE MOST RECENT PURCHASE.
ID	O11	O12a	O12b
100	Improved charcoal/wood stove		
101	Kerosene stove		
102	Gas stove		
103	Wooden bed - modern		
104	Metal bed - modern		
105	Sofa chair		
106	Modern chair		
107	Modern table		
108	Radio		
109	Television		
110	Electric fan		
111	Refrigerator		
112	Land-line phone		
113	Mobile phone		
114	Bicycle		
115	Motorbike		
116	Car or truck		
117	Satellite dish		
118	Solar panel		
119	Wooden cabinets		
120	CD/DVD Player		

Asset code	Farm asset type	How many of the [FARM ASSET TYPE] does your household own? [WRITE 0 IF NONE ► NEXT LINE]
ID	O15	O16
300	Cutlass	
301	Axe/pick-axe	
302	Sprayer	
303	Sickle	
304	Ox-plough	
305	Yoke	
306	Harrow	
307	Shovel	
308	Hoe	
309	Winnower	
310	Animal cart	
311	Power tiller	
312	Tractor	
313	Disc Plough	
314	Ox-ridger	
315	Ripper	

Service code	Service type	How long does it take to get to [SERVICE TYPE], from your house, using the usual forms of transport? <u>[one way in minutes]</u> ENTER -99 IF NOT APPLICABLE
ID	O13	O14
200	the nearest motorable road?	
201	the nearest all-season road?	
202	the nearest asphalt road?	
203	the nearest weekly market place?	
204	the nearest daily market place?	
205	the district capital?	
206	the nearest place with daily bus stop or taxi service?	
207	the nearest health care facility?	
208	primary school	
209	secondary school	

# **SECTION P. SUBJECTIVE WELFARE AND FOOD SECURITY**

**ENUMERATOR: ASK THE WOMAN IN THE HOUSEHOLD**

In the past 7 days, did you worry that your household would not have enough food?  1 YES 2 NO	In the past 7 days, how many days have you or someone in your household had to:  <b>IF NO DAYS, RECORD ZERO.</b>								How many meals, including breakfast are taken per day...		What did your children below 5 years old (0-4 years) have for breakfast yesterday?  <b>USE CODES BELOW. IF NO CHILDREN UNDER AGE 5, RECORD "0"</b>	What did your children between 5 to 13 years old have for breakfast yesterday?  <b>USE CODES BELOW. IF NO CHILDREN 5-13, RECORD "0"</b>
	Rely on less preferred foods?	Limit the variety of foods eaten?	Limit portion size at meal-times?	Reduce number of meals eaten in a day?	Restrict consumption by adults for small children to eat?	Borrow food, or rely on help from a friend or relative?	Have no food of any kind in your household?	Go a whole day and night without eating anything?	..in the household?	...among children (6-59 months)? <b>LEAVE BLANK IF NO CHILDREN</b>		
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	NUMBER	NUMBER		
<b>P1</b>	<b>P2a</b>	<b>P2b</b>	<b>P2c</b>	<b>P2d</b>	<b>P2e</b>	<b>P2f</b>	<b>P2g</b>	<b>P2h</b>	<b>P3a</b>	<b>P3b</b>	<b>P4</b>	<b>P5</b>

Do all household members eat roughly the same diet?  1 YES ►P8 2 NO	Who and how many in the household usually eat a more diverse variety of foods, a less diverse variety of foods, (including food consumed outside the house)?  1 MORE DIVERSE 2 LESS DIVERSE 0 NOT APPLICABLE			In the last 12 months, have you been faced with a situation when you did not have enough quantity of food to feed the household?  1 YES 2 NO ► NEXT MODULE	Did you experience shortage of food in [MONTH], [YEAR]?  1 YES 2 NO												What was the cause of this situation?  <b>[LIST UP TO 3 IN OR DER OF IMPORTANCE]</b> <b>USE CODES AT THE BOTTOM</b>						
					<b>2012</b>																		
					Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec							
					<b>P9a</b>	<b>P9b</b>	<b>P9c</b>	<b>P9d</b>	<b>P9e</b>	<b>P9f</b>	<b>P9g</b>	<b>P9h</b>	<b>P9i</b>	<b>P9j</b>	<b>P9k</b>	<b>P9l</b>							
Men			Women			Children (6-59 months)			<b>2013</b>														
<b>P6</b>	<b>P7a</b>	<b>P7b</b>	<b>P7c</b>	<b>P8</b>	<b>P10a</b>	<b>P10b</b>	<b>P10c</b>	<b>P10d</b>	<b>P10e</b>	<b>P10f</b>	<b>P10g</b>	<b>P10h</b>	<b>P10i</b>				<b>P11a</b>	<b>P11b</b>	<b>P11c</b>				

## **CODES FOR P4, P5**

1  
 TEA/DRINK WITH SUGAR  
 2 MILK/MILK TEA WITH SUGAR  
 3 SOLID FOOD ONLY (OGALI, CASSAVA, SWEET POTATO, BANANA, RICE)  
 4 TEA/DRINK WITH SOLID FOOD  
 5 PORRIDGE WITH GROUNDNUT FLOUR  
 6 PORRIDGE WITH SOLID FOOD  
 7 PORRIDGE WITH SUGAR  
 8 PORRIDGE WITH MILK  
 9 PORRIDGE WITHOUT SUGAR  
 10 BREASTMILK  
 11 NOTHING

## **CODES FOR P11A, P11B, & P11C**

1 INADEQUATE HOUSEHOLD STOCKS DUE TO DROUGHT/POOR RAINS  
 2 INADEQUATE HOUSEHOLD FOOD STOCKS DUE TO CROP PEST DAMAGE  
 3 INADEQUATE HOUSEHOLD FOOD STOCKS DUE TO SMALL LAND SIZE  
 4 INADEQUATE HOUSEHOLD FOOD STOCKS DUE TO LACK OF FARM INPUTS  
 5 FOOD IN THE MARKET WAS VERY EXPENSIVE  
 6 NOT ABLE TO REACH THE MARKET DUE TO HIGH TRANSPORTATION COSTS  
 7 NO FOOD IN THE MARKET  
 8 FLOODS/WATER LOGGING/HAILSTORM  
 9 NO MONEY  
 10 THEFT  
 11 FIRE  
 12 OTHER

ENUMERATOR: ASK THE HOUSEHOLD HEAD AND THE SPOUSE (TOGETHER AND AS APPROPRIATE). FIRST ASK ABOUT ITEMS CONSUMED BY THE HOUSEHOLD (QUESTION Q2) AND COMPLETE Q3A TO Q7b.

[illegible]

[illegible]



[illegible]



I T E M  C O D E	Within the <b>past 7 days</b> , did members of this household consume [...] <b>within the household</b> ?		How much [ITEM] in total did your household consume in the <b>past 7 days</b> ?			How much [ITEM] came from purchases?			How much did you spend to purchase [ITEM] in total?		How much [ITEM] came from own-production?		How much [ITEM] came from gifts and other sources?																		
	<div>PLEASE ONLY LIST ITEMS CONSUMED WITHIN THE HOUSEHOLD AND EXCLUDE FOOD CONSUMED OUTSIDE THE HOUSEHOLD.</div> <div>ASK THIS QUESTION FOR ALL ITEMS, BEFORE MOVING ON TO THE NEXT QUESTIONS FOR ITEMS WITH YES</div>		<div>1 Kilogramme 2 Grams 3 Liter 4 Unit or Piece 5 Cane/Basket 6 Bucket/Tin 7 90kg maxibag 8 50kg minibag 9 Ox cart 10 Trailer 11 Lorry 12 Headload</div> <div>13 Bunch 14 Bale 15 Sachet/tube 16 Plate 17 Cup 18 Heap 19 Basin 20 Packet 21 Bag 22 Container 23 Bottle 24 Other</div>			<div>IF NONE WRITE 0 FOR QUANTITY AND LEAVE UNIT BLANK AND ► Q6a</div>			<div>THIS QUESTION REFERS TO THE QUANTITY IN QUESTION Q4a</div>		<div>IF NONE WRITE 0 FOR QUANTITY AND LEAVE UNIT BLANK AND ► Q7a</div>		<div>EXCLUDE FOOD TAKEN OUTSIDE THE HOUSEHOLD IF NONE WRITE 0 FOR QUANTITY AND LEAVE UNIT BLANK</div>																		
	Food item		1 YES			QUANTITY			UNIT		PICTURE CODE		MWK total			QUANTITY		UNIT		PICTURE CODE		QUANTITY		UNIT		PICTURE CODE					
			2 NO ►NEXT LINE																												
ID	Q1		Q2			Q3a		Q3b		Q3c		Q4a		Q4b		Q4c		Q5		Q6a		Q6b		Q6c		Q7a		Q7b		Q7c	
<b>Milk and milk products</b>																															
0901	Fresh milk																														
0902	Milk products																														
0903	Canned milk/milk powder																														
0904	Other dairy products																														
<b>Oil and fats</b>																															
1001	Cooking oil																														
1002	Butter, margarine, ghee																														
1003	Other fat products																														
<b>Spices and other foods</b>																															
1101	Salt																														
1102	Other spices																														
<b>Beverages</b>																															
1201	Tea dry																														
1202	Coffee and cocoa																														
1203	Other raw materials for drinks																														
1204	Bottled/canned soft drinks (soda, juice, water)																														
1205	Prepared tea, coffee																														
1206	Bottled beer																														
1207	Local brews																														
1208	Wine and spirits																														



**SECTION S1: NON-FOOD EXPENDITURES – PAST ONE WEEK & ONE MONTH**

ENUMERATOR: ASK THE HOUSEHOLD HEAD AND THE SPOUSE (TOGETHER AND AS APPROPRIATE).

**ONE WEEK RECALL**

Item code	<b>Over the past 7 days</b> , did you purchase any [ITEM]?  1 YES 2 NO ►NEXT LINE		How much did you pay in total for [ITEM]?  MWK
ID	S1_1	S1_2	S1_3
101	Cigarettes or tobacco		
102	Matches		
103	Public transport		

**ONE MONTH RECALL**

Item code	<b>Over the past 30 days</b> , did you purchase or pay for any [ITEM]?  1 YES 2 NO ►NEXT ITEM		How much did you pay in total?  MWK
ID	S1_4	S1_5	S1_6
201	Kerosene		
202	Electricity, including electricity vouchers		
203	Gas (for lighting/cooking)		
204	Water		
205	Petrol or diesel		
206	Cell phone voucher		

**ONE MONTH RECALL**

Item code	<b>Over the past 30 days</b> , did you purchase or pay for any [ITEM]?  1 YES 2 NO ►NEXT LINE		How much did you pay in total for [ITEM]?  MWK
ID	S1_4	S1_5	S1_6
207	Charcoal		
208	Firewood		
209	Milling fees, grain		
210	Bar soap (for body or cloths)		
211	Clothes soap (powder)		
212	Toothpaste, toothbrush		
213	Toilet paper		
214	Glycerine, Vaseline, skin creams		
215	Personal care products for women (shampoo, cosmetics, hair products, etc.)		
216	Personal care products for men (shampoo, razor blades, hair products, etc.)		
217	Household cleaning products (dish soap, toilet cleansers, etc.)		
218	Light bulbs/candles/touch batteries		
219	Phone, internet, postage stamps or other postal fees		
220	Donation - to church, mosque, charity, beggar, etc.		
221	Motor vehicle service, repair, or parts		
222	Bicycle service, repair, or parts		
223	Wages paid to servants		
224	Mortgage - regular payment to purchase house		
225	Repairs to household and personal items (radios, watches, etc.)		
226	Lotteries and raffles		

**SECTION S2: NON-FOOD EXPENDITURES – PAST TWELVE MONTHS**
**ENUMERATOR: ASK THE HOUSEHOLD HEAD AND THE SPOUSE (TOGETHER AND AS APPROPRIATE).**

ITEM CODE	ITEM NAME	1 YES 2 NO ►NEXT ITEM	How much did you pay in total?  MWK
ID	S2_1	S2_2	S2_3
301	Carpet, rugs, drapes, curtains		
302	Linen - towels, sheets, blankets		
303	Mat - sleeping or for drying maize flour		
304	Mosquito net		
305	Mattress		
306	Sports & hobby equipment, musical instruments, toys		
307	Film, film processing, camera		
308	Building items - cement, bricks, timber, iron sheets, tools, etc.		
309	Insurance - health (MASM, etc.), auto, home, life		
310	Losses to theft (value of items or cash lost)		
311	Fines or legal fees		
312	Bride price /Marriage costs		
313	Funeral costs		
314	Repairs to consumer durables		
315	Taxes for income, property, etc.		
316	Repairs & maintenance to dwelling		
319	Garments for men		
320	Garments for women		
321	Garments for children and babies		
322	Footwear for men		
323	Footwear for women		
324	Footwear for children and babies		
325	Membership fees (e.g., christian mothers association, funeral associations)		
326	School fees		
327	Motor bike		
328	Cooking utensils /jerry cans		
329	Medical expense		
330	Other costs not stated elsewhere		

ITEM CODE	ITEM NAME	1 YES 2 NO ►NEXT ITEM	What was the estimated total value of [ITEM] consumed, from what you have gathered? WRITE 0 IF NO GATHERING  MWK	What was the cost of [ITEM] that you purchased?  MWK
ID	S2_4	S2_5	S2_6	S2_7
400	Wood poles, bamboo			
401	Grass for thatching roof or other use			
402	Mud bricks			
403	River sand			
404	Stones			

**ENUMERATOR: ASK THE HOUSEHOLD HEAD OR THE MOST KNOWLEDGEABLE HOUSEHOLD MEMBER**

**ENUMERATOR: ASK THE HOUSEHOLD HEAD OR THE MOST KNOWLEDGEABLE HOUSEHOLD MEMBER**

[illegible]

## SECTION U: WOMEN ANTHROPOMETRY

**ENUMERATOR: ASK THESE QUESTIONS OF EACH WOMEN OF REPRODUCTIVE AGE (15-49 YEARS) IN THE HOUSEHOLD. GET WOMEN'S ID CODE FROM THE HOUSEHOLD ROSTER.**

[illegible]



# SECTION V: CHILD ANTHROPOMETRY

ENUMERATOR: ASK PARENTS/CAREGIVERS OF CHILDREN BETWEEN THE AGES OF 0-59 MONTHS.

	IS [NAME] 5 YEARS OR YOUNGER?	WAS [NAME] MEASURED?	WHY WAS [NAME] NOT MEASURED?	WEIGHT	HEIGHT	WAS HEIGHT / LENGTH MEASURED WITH CHILD STANDING OR LYING DOWN?	UPPER ARM CIRCUMFERENCE
	1 YES 2 NO ► NEXT LINE	1 YES ► V4 2 NO	1 CURRENTLY NOT HOME 2 TOO ILL 3 UNWILLING 4 OTHER  ►NEXT LINE	IF LESS THAN 10 KG, PUT TWO LEADING ZEROS (8.5 KG = 008.5) . IF MORE THAN 10 KG AND LESS THAN 100KG, PUT ONE LEADING ZERO (15.5 KG = 015.5 KG)	IF LESS THAN 100 CMS, PUT ONE LEADING ZERO (97.3 CM = 097.3 CM)	1 Standing 2 Lying down	PUT ONE LEADING ZERO (3.5 CM = 03.5 CM)
				KG	CM		CM
ID	V1	V2	V3	V4	V5	V6	V7
1				____. __	____. __		____. __
2				____. __	____. __		____. __
3				____. __	____. __		____. __
4				____. __	____. __		____. __
5				____. __	____. __		____. __
6				____. __	____. __		____. __
7				____. __	____. __		____. __
8				____. __	____. __		____. __
9				____. __	____. __		____. __
10				____. __	____. __		____. __
11				____. __	____. __		____. __
12				____. __	____. __		____. __

**W. HOUSEHOLD RECONTACT**

<b>W1</b>	Reference person within the community	
<b>W2</b>	Relationship to the reference person within the community	
<b>W3</b>	Reference person outside the community	
<b>W4</b>	Relationship to the reference person outside the community	

	END TIME
<b>A19b</b>	: HOUR MIN

Thank you very much for participating in this survey and for your time!

**W5** DESCRIPTION OF LOCATION OF HOUSEHOLD - INCLUDE ANY IDENTIFYING CHARACTERISTICS OF DWELLING, NAME OF NEIGHBOURING HOUSEHOLDS & KEY PERMANENT CONTACTS, PHONE NUMBER (IF ANY). SKETCH MAP OF DWELLING LOCATION IN SPACE AT PAGE BOTTOM.

**PLEASE GIVE THE INCENTIVE TO THE HOUSEHOLD HEAD**

**CONVERSION FROM YEAR OF BIRTH TO AGE ( FOR QUESTION U1A)**

YEAR OF BIRTH	AGE	YEAR OF BIRTH	AGE	YEAR OF BIRTH	AGE	YEAR OF BIRTH	AGE
<b>1905</b>	108	<b>1932</b>	81	<b>1959</b>	54	<b>1986</b>	27
<b>1906</b>	107	<b>1933</b>	80	<b>1960</b>	53	<b>1987</b>	26
<b>1907</b>	106	<b>1934</b>	79	<b>1961</b>	52	<b>1988</b>	25
<b>1908</b>	105	<b>1935</b>	78	<b>1962</b>	51	<b>1989</b>	24
<b>1909</b>	104	<b>1936</b>	77	<b>1963</b>	50	<b>1990</b>	23
<b>1910</b>	103	<b>1937</b>	76	<b>1964</b>	49	<b>1991</b>	22
<b>1911</b>	102	<b>1938</b>	75	<b>1965</b>	48	<b>1992</b>	21
<b>1912</b>	101	<b>1939</b>	74	<b>1966</b>	47	<b>1993</b>	20
<b>1913</b>	100	<b>1940</b>	73	<b>1967</b>	46	<b>1994</b>	19
<b>1914</b>	99	<b>1941</b>	72	<b>1968</b>	45	<b>1995</b>	18
<b>1915</b>	98	<b>1942</b>	71	<b>1969</b>	44	<b>1996</b>	17
<b>1916</b>	97	<b>1943</b>	70	<b>1970</b>	43	<b>1997</b>	16
<b>1917</b>	96	<b>1944</b>	69	<b>1971</b>	42	<b>1998</b>	15
<b>1918</b>	95	<b>1945</b>	68	<b>1972</b>	41	<b>1999</b>	14
<b>1919</b>	94	<b>1946</b>	67	<b>1973</b>	40	<b>2000</b>	13
<b>1920</b>	93	<b>1947</b>	66	<b>1974</b>	39	<b>2001</b>	12
<b>1921</b>	92	<b>1948</b>	65	<b>1975</b>	38	<b>2002</b>	11
<b>1922</b>	91	<b>1949</b>	64	<b>1976</b>	37	<b>2003</b>	10
<b>1923</b>	90	<b>1950</b>	63	<b>1977</b>	36	<b>2004</b>	9
<b>1924</b>	89	<b>1951</b>	62	<b>1978</b>	35	<b>2005</b>	8
<b>1925</b>	88	<b>1952</b>	61	<b>1979</b>	34	<b>2006</b>	7
<b>1926</b>	87	<b>1953</b>	60	<b>1980</b>	33	<b>2007</b>	6
<b>1927</b>	86	<b>1954</b>	59	<b>1981</b>	32	<b>2008</b>	5
<b>1928</b>	85	<b>1955</b>	58	<b>1982</b>	31	<b>2009</b>	4
<b>1929</b>	84	<b>1956</b>	57	<b>1983</b>	30	<b>2010</b>	3
<b>1930</b>	83	<b>1957</b>	56	<b>1984</b>	29	<b>2011</b>	2
<b>1931</b>	82	<b>1958</b>	55	<b>1985</b>	28	<b>2012</b>	1