



Household Survey

Questionnaire code: _____

Site: _____ *[name of village or town]*

Household ID: _____ Date: _____ (DD/MM/YYYY)

Time start: _____

Time stop: _____

Name of enumerator: _____ Name of enumerator: _____

Statement of confidentiality

You are free to decide if you want to answer these questions or not and if you are uncomfortable at any time you can choose not to answer to stop the interview at any time. There are no right or wrong answers, it is your own experiences and views that I am interested in. Anything that you tell me will be treated confidentially. We would like to ask your name and contact details, but this will be kept securely and in a different place from your answers to the questions so that no one will be able to identify you or your family from the information.

“Do you have any questions about this research? Are you willing to take part in this interview? If you say yes, I will tick this box to indicate that I have read this information to you, that you understand and that you are willing to take part.”

Tick here

☐

General comments

1. Subjective Wellbeing

1.1) Name of person: _____

1.2) All things considered, how satisfied are you with your life as a whole these days?

1.3a) *[IF “satisfied”]* Are you satisfied or very satisfied

1.3b) *[IF “not satisfied”]* Are you dissatisfied or very dissatisfied

1 - Very satisfied	2 - Satisfied	3 - dissatisfied	4 - very dissatisfied
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1.4) What makes you say *[from above]*?

Response:

[IF 'no answer'] or what did you consider when you made that decision?

2. Vulnerabilities

Now lets talks about events that affected level of satisfaction in your life.

2.1) Explain to me the events or changes that lead to lowering level of satisfaction in your life for the last 5 years.

[IF person does not explain much, ask about implications of the event/change to his/her life]

2.1a) *[IF person does **not** explain much]* Tell us more about it?

2.1b) *[IF 'when' is **not** mentioned]* When did event/change take place?

Name of the event / change	Year	How did it affect you?

2.2) Explain to me the events or changes that lead to increasing level of satisfaction in your life for the last 5 years.

[If person does not explain much, probe about implications of the event/change to his/her life]

2.2a) *[IF person does **not** explain much]* Tell us more about it?

2.2b) *[IF 'when' is **not** mentioned]* Tell us when it happened?

Name of the event / change	Year	How did it affect you?

Comments on subjective wellbeing or vulnerability

3. Basic Needs

3.1) Economic security

3.1.1) Would you together with other household members be able to get . . . KSh in one week if you really needed it? *[include average of monthly food expenditure; mention borrowing from friends, family or bank]*

1) Yes	0) No
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3.1.2) How would you raise the money?

Response:

3.1.3) *[IF **savings** is not mentioned]* Are you able to access savings?

1) Yes	0) No
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3.1.4) *[IF **borrowing** is not mentioned]* Are you able to borrow money?

1) Yes	0) No
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3.2 Sanitation

3.2.1) Does this HH have access to toilet facilities?

1) Yes	0) No
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3.2.2) *[IF 'yes']* If yes what type of toilet facility do members of your HH normally use?

1) Bush toilet	2) Flying toilet	3) Pit latrine	4) Public toilet
5) Private toilet	Other:		

[IF 'no' Ask where they go to help themselves]

3.2.2a) What type of toilet facility do YOU normally use?

1) Bush toilet	2) Flying toilet	3) Pit latrine	4) Public toilet
5) Private toilet	Other:		

3.3 Drinking water

3.3.1) What is the main source of drinking water for this HH?

1) unprotected well	2) river	3) lake
4) rain water tank	5) borehole	6) public tap
7) private tap	8) Other:	

3.3.1a) What is YOUR main source of drinking water?

1) unprotected well	2) river	3) lake
4) rain water tank	5) borehole	6) public tap
7) private tap	8) Other:	

3.3.2) Do you treat drinking water?

1) Yes	0) No
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3.4) Food security

3.4.1) Over the past year, have you or anyone in the HH been restricted to only one meal because you did not have food?

1) Yes	0) No
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3.4.2) How often do members of this HH eat only once because they do not have enough food?

1) Never	2) Several times a year
3) Once or twice a month	4) Once a week or more

3.4.3) Over the past year, have you or anyone in the HH gone without food for a whole day because they did not have food?

1) Yes	0) No
--------	-------

3.4.4) How often do members of this HH go without any food for the whole day for lack of food?

1) Never	2) Several times a year
3) Once or twice a month	4) Once a week or more

3.5 Health

3.5.1) Over the past **year**, did **you** or **any** member of the HH suffered ill health?

1) Yes	0) No
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3.5.2) Who suffered the ill health?

3.5.2a) Name:	3.5.2b) Name:
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3.5.3) Was [*name of the person 1*] **able** to access **sufficient** medical care?

1) Yes	2) Some	0) No
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3.5.3a) Was [*name of the person 2*] **able** to access **sufficient** medical care?

1) Yes	2) Some	0) No
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3.5.4) Over the **past year**, did you or any member of the HH suffered **injury**?

1) Yes	0) No
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3.5.5) Who suffered injury?

3.5.5a) Name:	3.5.5b) Name:
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3.5.6) Was [*name of person 1*] able to access sufficient medical care?

1) Yes	2) Some	0) No
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3.5.6a) Was [*name of person 2*] able to access sufficient medical care?

1) Yes	2) Some	0) No
--------	---------	-------

3.5.7) Have you or anyone of the HH been able to use traditional medicine over the past twelve months?

1) Yes	0) No
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3.5.7a [IF 'yes'] What type of traditional medicine?

Response:

3.6 Education

3.6.1) Do your children at time miss school time?

1) Yes

0) No

3.6.2) [IF 'yes'] How often do your children miss school time?

0) Never

1) Several times a year

2) Once or twice a month

3) Once a week or more

3.6.3) Why do they miss school time?

Reason:

3.7 Physical security

3.7.1) Do you feel physically secure in your village?

1) Yes

0) No

3.7.2) Do you feel physically secure in your home?

1) Yes

0) No

3.7.3) Over the past year, has any member of your HH been attacked?

1) Yes

0) No

3.8 Respect

3.8.1) Do people come to you for advice on problems or for help?

1) Yes

0) No

3.8.2) Are you a member of any group?

1) Yes

0) No

3.8.2a) [IF 'yes'] What is the name of the group? *[if the purpose of the group is not obvious from the name, please add further detail]*

3.8.3) Do you have any position in any group?

1) Yes

0) No

3.8.3a) What is your position in the group?

Reason:

3.9 Relationships

3.9.1) Outside the immediate family, how many other HHs in this community would you describe as being very good friends to your HH?

0) None

1) Hardly any

2) Quite a few

3) Many

3.9.2) Do you feel that you have people to turn to for help when you need it?

1) Yes	0) No
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10 Autonomy

3.10.1) If there is a **decision** to be made in your wider **community**, are you **involved** in that decision?

0) Never	1) Sometimes	2) Always
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3.10.2) If there is a **decision** to be made at your **place of work**, are you **involved** in that decision?

0) Never	1) Sometimes	2) Always
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3.10.3) If a decision is to be made within the **HH**, are you **involved** in that decision?

1) Never	2) Sometimes	3) Always
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Comments on basic needs

4. Cultural services

4.1 Place attachment

*[Awareness and attitudes are about how people **feel now** and not some time ago]*

I will read some statements which might describe how you feel about*[name of site]*. Please tell me whether you agree or disagree.

[[IF'yes']] Do you somehow agree [3] or strongly agree [4]]

[[IF 'no']] Do you somehow disagree [2] or strongly disagree[1]]

	Question	Code (1-4)
4.1.1	I miss <i>[name of site]</i> when i am far	
4.1.2	I feel a foreigner while in	
4.1.3	I feel safe while in ...	
4.1.4	I am proud of	
4.1.5 is a part of me	
4.1.6	I would like to move out of	
4.1.7	I want to be engaged in the affairs of	
4.1.8	I am rooted in	
4.1.9	I would like my family and friends to live at <i>[name of site]</i> in to the future.	
4.1.10	I feel..... <i>[name of site]</i> is a natural environment	
	1) Strongly disagree 2) somehow disagree 3) somehow agree 4) strongly agree	

4.2 Recreational services

*[Awareness and attitudes are about how people **feel now** and not some time ago]*

4.2.1) Is there any place along the coast where you go to relax?

1) Yes	0) No
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[IF 'yes' continue; IF 'no even 'after prompting, jump to 4.2.5]

4.2.2) Can you please mention those places?

4.2.3) What do you go to do there?

4.2.4) How often do you go there? *[enumerator listens to the response and code it: 1-5]*

4.2.2 Where <i>[e.g. beach]</i>	4.2.3 Do what <i>[Meet friends]</i>	4.2.4 Frequency <i>[1, 2, 3, 4 or 5]</i>
1) Daily 2) Once or twice per week 3) Once or twice per month 4) Once or twice per year 5) Less than yearly		

4.2.5) In general, how important to you are places along the coast for recreation? *[read out responses]*

1) Not important	2) Some what important	3)Very important
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4.2.6) In general, how important to you are places along the coast for relaxation? *[read out responses]*

1) Not important	2) Some what important	3)Very important
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4.3 Awareness of and values places in traditional practices

*[Awareness and attitudes are about how people **feel now** and not some time ago]*

4.3.1) Are there any places in the environment which have a special meaning for people here? I mean things like trees, birds, animals, rocks, caves, the sea.

1) Yes	0) No
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4.3.1a) *[IF 'yes']* What are those things/places?

4.3.2) What do people do/believe about those things/places?

4.3.1a What are they <i>[list up to 4]</i>	4.3.2 What people do or believe?
1	
2	
3	

4	
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4.3.3) Do you feel that coastal traditions are important for your community? I mean things like - offering sacrifices- -traditional herbalists - - beliefs about trees and animals
[read out responses]

1) NOT Important	2) Some what important	3) Very important
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4.3.4) Are you happy that traditions exist?

[IF 'yes'] Are you some how happy, happy of very happy that these traditions exist

No	Yes		
0) No	1) Some how happy	2) Happy	3) Very happy

4.3.5) Why do you say that [answer to previous Q]

Response:

Comments on Cultural Services

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5. Household composition

5.1) I would like to know about you and other HH members.

[Give a few seconds to think]

5.2) Please tell me the names of all HH members starting from the oldest to the youngest.

[Once finished] So..... [name all people listed] live and eat with you in this HH?

5.3) Do they lives here now?

5.3a) Do they live and eat together with you in this house?

5.4) Who is the HH head?

5.5) Is *[name of person]* male or female?

5.6) How old is *[name of person]*?

5.7) Has *[name of person]* had formal education?

5.8) Is *[name of person]* still in education?

[IF 'yes'] [name of person] is in which level of education?

[IF 'no'] What is [name of person] highest level of education?

5.9) Which school did*[name of person]* - - last attend?

5.10) Does *[name of person]* have any chronic illness or disability?

5.11) What is *[name of person]* **religion**?

5.12) Where was *[name of person]* - -**born**?

5.13) What is *[name of person]* - -**ethnicity**?

5.14) How long has *[name of person]* - -lived here? *['here' means in this village]*

5.15) What is *[name of person]* - -**main** occupation?

5.16) What is *[name of person]* - -relationship to the household head?

Name	Lives here now?	Sex	Age	Educ. level	Still in educ.	School name	Chronic illness / disabled	Religion	Place of birth	Ethnicity	Yrs lived in village	Occupation	Relationship to household head
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						
	Yes No	M F			Yes No		Yes No						

- Years school finished: starts with P1. KG is not formal education. For people in polytechnic, college or university check details of school years completed.
- Religion: Islam, Christian, Hindu, Traditional, Atheist
- Relationship to household head: spouse (wife or partner), child, parent, other family, not family

6. Livelihoods

[Write down all job and activities mentioned by respondent]

[IF 'yes'] Please tell me these activities? [record all activities in table]

[IF 'no' continue with next question]

[Start with first activity/job and ask the same question for every other activity]

6.3) Who does..... [activity] in this HH? [Check names of household members for teenagers and adults. If any of them are not mentioned as doing any job or activity ask about them. If this question results in an activity being mentioned that is not yet listed in the above table, add the job/activity to the table]

6.4) What activities does [name of person] do to bring food or income?

In brief, did you or any other members of this HH get income or food from *[repeat all the activities listed in table]*?

Did you or any other members of this HH get income or food from any other activities? *[IF new activities are mentioned, add them to the table]*

6.5) Did you or any other members of this HH get income or food from [items in table below] in the last 12 months (Unless already mentioned prompt)

<ul style="list-style-type: none"> - fishing - boat owner - fish trading - handicrafts - mats - palm leaves - cutting poles - collecting honey 	<ul style="list-style-type: none"> - farming - animal husbandry - medicinal plants - government job - other job: factory, driver, watchman, carpenter - work for community - remittances - rent from property
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6.6) When did you start the activity? *[ask for each activity and for each person]*

6.7) Please rank each activity for its importance for food or income. *[ensure that it is the combined importance for food and income]*

[illegible]

6.8) Have you stopped any activity in the last 5 years?

☐ 1) Yes

☐ 0) No

6.9) *[IF 'yes']* Which activity have you stopped in the last 5 years?

6.10) Why did you stop?

6.9) Name of activity stopped	6.10) Reason for stopping

6.11) During the last 12 months, was there a time when the household experienced a shortage of income or food?

☐ 1) Yes

☐ 0) No

6.12) *[IF 'yes']* When was this? *[record during which months]*

Response:

6.13) Why did you experience food or income shortages last *[time from above]*?

Response:

6.14) How did you cope with food or income shortages?

Response:

Comments on Livelihoods:

7. Household income

7.1 Fishing

We would like to know more about fishing activities that you do.

7.1.1. Fishing calendar

7.1.1.1) Are there any months in the last twelve months that you are **not** fishing?

1) Yes	0) No
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7.1.1.1a) *[IF 'yes']* In the last twelve months, which months did you not fish?

Months NOT fishing <i>[0 = no fishing; 1 = yes fishing]</i>											
Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Kazkazi		Kusi						Kazkazi			

7.1.1.2) What else do you do in those months when not fishing?

Response:

7.1.1.3) During months when you are fishing, how many days do you go to fish in a normal week?

[If respondent answer, record in 'typical' column. IF respondent does not give general figure, ask for high, low and typical weeks]

	High fishing week	Low fishing week	Typical fishing week
Days			

7.1.1.4) Are there days when you would have liked to go fishing but could not due to rough sea --or any other reason? *[If 'no', this is probably not true, so mention that sometimes the weather is really bad or one has other things to do]*

1) Yes	0) No
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7.1.1.4a) *[IF 'yes']* In normal fishing months, how many days do you normally do not fish because of rough sea or any other reason?

Days per month missed:

7.1.1.4b) What else do you normally do during this period when not fishing?

Response:

7.1.1.5) Do you normally fish with other people?

1) Yes	0) No
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7.1.1.5a) *[IF 'yes']* Are you the captain?

1) Yes	0) No
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7.1.2. Fishing gears

7.1.2.1) Please tell me the fishing gear that you use?

[Prompt for net details if just say 'net': Does that kind of net have a name? Is it on the bottom or floating? what is the size of the mesh? Is it left out and then collected or pulled through the water?]

7.1.2.2) Do you own that gear?

7.1.2.3) Where do you fish? *[What is bottom like where you fish this gear]*

1) Reef	2) Seagrass	3) Mangrove creek
4) Deep sea	5) Sand	6) Lagoon <i>[inside lagoon]</i>
7) Other <i>[describe]:</i>		

[IF more than one gear]

7.1.2.4) Which gear do you use often *[i.e. on what proportion of fishing trips is each gear used?]*

7.1.2.5) Which times do you use each of these gears? *[e.g. during a certain season; when I can borrow it; when I want to catch a special fish type; when it is rough weather] [IF no detailed response, ask: Why do you use gear A on some days and gear B on others? How do you decide whether to use gear A or B]*

Gear	Details <i>[net type, mesh size etc]</i>	Owned	Habitat	How often used <i>[1-Rarely 2-Some trips 3-Half of the trips 4-Most trips 5-Nearly all trips]</i>	Which times used
		Yes No			
		Yes No			
		Yes No			
		Yes No			

7.1.3. Fishing boat

7.1.3.1) Do you use a vessel for fishing?

0) Never	1) Rarely	2) Some trips	3) Half of the trips	4) Most trips	5) Nearly always
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[IF answer is 2 or 3 or 4 or 5] What type of vessel?

Response:

7.1.3.2) What is the length of the vessel?

Boat 1: <i>(length)</i>	_____ metres
Boat 2: <i>(length)</i>	_____ metres

7.1.3.3) What is the vessel's mode of propulsion?

	<i>[encircle]</i>			<i>[If 'engine']</i>	<i>[describe]</i>
<i>Boat 1</i>	Paddles	Sail	Engine	HP _____	Other:
<i>Boat 2</i>	Paddles	Sail	Engine	HP _____	Other:

7.1.3.4) Do you own the vessel?

1) Yes	2) Some what	0) No
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7.1.4. Benefits from fishing

[IF two gears have 'use frequency 3 (half)' or more, repeat these questions for each gear]

I realize that some days you catch large amounts of fish and sometimes small amounts. I also realise that the price of fish differs.

Benefits on a **good day**

Please think about a good fishing day when using *[name of gear]* in the last twelve months.

7.1.4.1) How much money did you receive from fish sale after deducting expenses and sharing with others on that day?

7.1.4.2) How much fish did you take home on that good day?

7.1.4.3) How much fish did you give away on that good day?

7.1.4.3a What was its value?

	Benefits from Good day during last 12 months			
Gear	Money received from fish sale (KSh/day)	Amount of fish taken home (kg)	Value fish taken home (KSh/day)	Value Fish given away (KSh/day)

Benefits on the **worst day**

Please think about a worst day when using *[name of gear]* in the last twelve months.

7.1.4.4) How much money did you receive from fish sale after deducting expenses are sharing with others on that day?

7.1.4.5) How much fish did you take home during that worst day?

7.1.4.6) How much fish did you give away on that worst day?

7.1.4.7) What was its value?

	Benefits from Worst day during last 12 months			
Gear	Money received from fish sale (KSh/day)	Amount of fish taken home (kg)	Value fish taken home (KSh/day)	Value Fish given away (KSh/day)

Benefits on a **typical day**

Please think about a typical day in the last twelve months using *[name of gear]*.

7.1.4.8) How much money did you receive from fish sale after deducting expenses and sharing with others on that typical day?

7.1.4.9) How much fish did you take home during a typical day?

7.1.4.10) How much fish did you give away on a typical day?

7.1.4.10a) What was its value?

Benefits from Typical day during last 12 months				
Gear	Money received from fish sale (KSh/day)	Amount of fish taken home (kg)	Value fish taken home (KSh/day)	Value Fish given away (KSh/day)

7.1.5. Selling fish

To whom do you normally sell your fish - - explain explicitly the type of buyer, if many mention them also mention the type of fish that you sell to them? *[e.g. hotel, residents, middlemen, mama karanga, associations]*

Type of buyer	Proportion	Type of fish
	1) None 2) Few 3) Half 4) Many 5) All	
	1) None 2) Few 3) Half 4) Many 5) All	
	1) None 2) Few 3) Half 4) Many 5) All	

7.1.6. Expenses

7.1.6.1) How much money did you use as fishing expenses in the last twelve months? *[use experience from previous interviews to prompt for expenses]*

Expense	Amount (KSh)	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

7.1.7. Exiting fisheries

7.1.7.1) So you get[typical day's benefits]. If fish were to reduce such that you get half of what you normally get, what will you do? ? *[Do not prompt!]*

Response <i>[Encircle]</i>	Question <i>[record response]</i>
1) Continue fishing	Why?:
2) Increase effort	How?:
3) Reduce effort	What will you do instead?:
4) Change fishing area	Where will you go?:
5) Change gear	Which one?:
6) Stop fishing	What will you do instead?:
7) Other	Describe:

7.1.7.2) Are you or any member of your household a member of any organisation about fishing?

1) Yes	0) No
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7.1.7.2a) *[IF 'yes']* What is his/her name? *[name of the person who is a member]*

Name:

7.1.7.2b) What is the name of the organisation

7.1.7.3) What is the position of *[name of person]* in the organisation?

1) Member	2) Chairman	3) Secretary	4) Other: _____ <i>[describe]</i>
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Comments on fishing

8. FARMING

[Record harvest of farm products here. Record income from farm labour in general income section]

8.1) What crops have you had in your farm in the last twelve months?
8.2) In terms of importance of the crops for food and income for your household. Please rank the crops in order of importance.
[Ignore all crops except the 3 most important]

8.3) How often did you harvest [name of crop] in the last 12 months?
8.4) Which months did you **NOT** harvest [name of crop] in the last 12 months?

		Month NO harvest [0 = no harvest; 1 = yes harvest]													Frequency		
Crop	Rank (1 = main crop)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		Number harvests per	Time

Time: week || month || season || long rains || short rains || year
IF 'season' ask which months that is
IF 'long or short rains' ask if just at end of rains or throughout rain season

8.5) How much did you get per harvest? *[only for 3 most important crops]*

	Value of harvest for sale and consumption											
	High				Low				Typical			
Crop	Quantity	Unit	KSh per unit	Time unit / activity unit	Quantity	Unit	KSh per unit	Time unit	Quantity	Unit	KSh per unit	Time unit

Quantity: How many? (eg 5); Unit: Of what? (eg item, bunch, bag); KSh per unit: Local cost in Ksh per unit

8.6) How much of *[name of crop]* do you normally sell?

8.7) How much of *[name of crop]* do you normally keep for your own consumption?

8.8) How much of *[name of crop]* do you normally give away as a gift?

Crop	Sell	Eat	Gift
	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All
	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All
	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All

8.1.1. Expenditure

[IF respondent states total expenditure for last 12 months record this and do not go into details, unless you doubt the response]

8.1.1.1) How much have you spent on farming during the last 12 months for *[name of crop]*?
[Typical expenditures: a) Seeds; b) chemicals: fertiliser, pesticides; c) tools (hire/buy): tractor, machete; d) transport; e) labour: clearing, weeding, ploughing, harvesting; f) land rent]

CROP 1

Item	Quantity	Unit	KSh per unit	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

CROP 2

Item	Quantity	Unit	KSh per unit	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

CROP 3

Item	Quantity	Unit	KSh per unit	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

8.1.1.2) Are you a member of any organisation related to farming?

1) Yes	0) No
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8.1.1.1) *[IF 'yes']* Which organisation?

Name:

Comments on farming

9. NATURAL RESOURCES

[This is only for harvesting and NOT buying natural products]

9.1) Have you harvested any natural products in the last 12 months?

1) Yes

0) No

9.2) *[IF 'yes']* What are they?

[Record responses and prompt for anything related to]

- handicrafts	- bushmeat	- dye, glue, tannin, fodder
- mats	- palm wine	- fishing bait
- cutting poles	- traditional medicine	- fertiliser
- collecting honey	- collecting crabs, eggs, firewood	- wood for construction
- palm leaves	- charcoal	

9.3) Where do they come from? *[record in 'habitat' column: e.g. mangroves, beach, village, forest, farm]*

9.4) Please rank the crops in terms of their importance for food and income for your household.
Please rank the crops in order of importance.

9.5) How often did you harvest *[name of crop]* in the last 12 months?

9.6) Which months did you **NOT** harvest *[name of crop]* in the last 12 months?

[illegible]

9.7) How much did you get per harvest?

[illegible]

9.8) How much of *[name of crop]* do you normally sell?

9.9) How much of *[name of crop]* do you normally keep for your own consumption?

9.10) How much of *[name of crop]* do you normally give away as a gift?

Product	Sell	Eat	Gift
	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All
	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All
	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All	0) None 1) Few 2) Some 3) Most 4) All

9.11) How much have you spent on harvesting *[name of product]* during the last 12 months?
[Costs for ALL farming activities. Not just harvesting of crops]

Product 1

Item	Quantity	Unit	KSh per unit	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

Product 2

Item	Quantity	Unit	KSh per unit	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

9.12) Are you a member of any organisation related to natural resource harvest?

1) Yes 0) No

9.13) *[IF 'yes']* Which organisation?

Name:

Comments on Natural Resources

9.1 General income

[Use this section for income types not covered by other sections, eg employment, farm labour, self-employed work, trading, remittances, rent]

9.1.1) Can you tell me more about *[name of activity]*. You said that *[names of people listed]* does *[name of activity]*. Is there any member of this household who does *[name of activity]*?

9.1.2) *Ok lets start with* *[name of first person listed]*

9.1.3) Is *[name of first person listed]* employed?

9.1.4) What is the type of work of *[name of person]*?

9.1.5) What is the position/title of *[name of person]*?

9.1.6) Who is *[name of person]* employer?

9.1.7) Where does *[name of person]* work?

ID	Name of person	Name of activity	Employed Yes No	Type of work	Position/T itle	Employer	Place of work	
1			Yes No					
2			Yes No					
3			Yes No					
4			Yes No					
5			Yes No					
6			Yes No					
7			Yes No					
8			Yes No					

9.1.8) During the year, are there months which you do not work at all? [not working for a full month]

9.1.9) During the working months, is there any day you are not working?

9.1.9a) *[IF 'yes']* How many days in a month that you do not work?

	Month NO income or benefit [0 = no income; 1 = yes income]													Income frequency		
Income or benefit	Jan	Feb	Mar	Apr	Ma y	Jun e	July	Aug	Sep t	Oct	Nov	Dec	No. days not working per month	Num ber incom es per	Time

9.1.1. Cash income

9.1.1.1) [Best] Please think about your best income for [name of activity] during the last twelve months. How much did you get as your best income in the last twelve months?

9.1.1.2) [Lowest] Now think about your worst income for [name of activity] during the last twelve months. How much did you get as your worst income in the last twelve months?

9.1.1.3) [Typical] Now think about your typical income for [name of activity] during the last twelve months. How much did you get as your typical income in the last twelve months?

9.1.2. Tips, allowance, bonus

9.1.2.1) Do you get tips, allowance, or bonus from [name of activity]?

1) Yes	0) No
--------	-------

[IF 'yes' continue below. IF 'no' continue with 'non-cash income']

9.1.2.2) [Best] How much did you get as tip/present/allowances or bonus in a good day during the last twelve months?

9.1.2.3) [Lowest] How much did you get as tip----present---allowances or bonus in a bad day during the last twelve months?

9.1.2.4) [Typical] How much did you get as tip----present---allowances or bonus in a typical day during the last twelve months?

9.1.3. Non-cash income

9.1.3.1) Do you get any other benefits like accommodation, food or insurance from [name of activity]?

1) Yes	0) No
--------	-------

[IF 'yes' continue below. IF 'no' continue with expenditure]

9.1.3.2) What are the benefits?

Response:

9.1.3.3) How much would *[name of first benefit]* cost during a day?

[repeat for all benefits: free accommodation - ask for rent in KSh for room in village || free food - ask for KSh for meal in village]

9.1.3.4) Do you get more benefits on some days than on others?

1) Yes	0) No
--------	-------

[IF 'yes' ask for high, low and typical benefit. IF 'no' ask for typical benefit only]

9.1.3.5) *[Best]* How much can all these other benefits like*[list benefits stated]* generated from *[name of activity]* cost on a good day?9.1.3.6) *[Worst]* How much can all these other benefits like*[list benefits stated]* generated from *[name of activity]* cost on a bad day?9.1.3.7) *[Typical]* How much can all these other benefits like *[list benefits stated]* generated from *[name of activity]* cost on a typical day?

		Cash income				Tips/Presents/Allowance/Bonus				Non-cash income			
I D	Activity	Best	Worst	Typical	Time unit	Best	Worst	Typical	Time unit	Best	Worst	Typical	Time unit
1													
2													
3													
4													
5													
6													

9.1.4. Expenditure

9.1.4.1) Do you have any expenditures related to *[name of activity]*?

1) Yes 0) No

[IF 'yes' continue]

9.1.4.2) *In the last twelve months, how much money did you use for [name of activity]?*

Item	Quantity	Unit	KSh per unit	Per . . . [month, year]	How often [for how many months or for whole year?]	Total last 12 month

9.1.4.3) Are you a member of any organisation related to these other activities?

1) Yes 0) No

9.1.4.4) *[IF 'yes']* Which organisation?

Name:

Comments and calculations

10. Food

Now I would like to talk about the food you eat in this household.

10.1 Food origin

10.1.1) Of all the rice, cassava and ugali that your HH consumes, how much of it is

a) bought with money?	1) None	2) Some	3) Half	4) Most	5) All
b) harvested or grown by your HH?	1) None	2) Some	3) Half	4) Most	5) All
c) received as gifts from others?	1) None	2) Some	3) Half	4) Most	5) All

10.1.2) Of all the fish, meat and chicken that your HH consumes, how much of it is

a) bought with money?	1) None	2) Some	3) Half	4) Most	5) All
b) fished or reared by your HH?	1) None	2) Some	3) Half	4) Most	5) All
c) received as gifts from others?	1) None	2) Some	3) Half	4) Most	5) All

10.1.3) Typically how much do you spend on food for your household ? *[ensure to include daily expenses and larger expenses such as end of week or end of month shopping]*

KSh	Unit of time <i>[encircle one]</i>		
	per day	per week	per month

10.2 Fish consumption

10.2.1) Did you or other household members eat fish yesterday?

1) Yes	0) No
--------	-------

10.2.2) *[IF 'no'] When was the last time your household ate fish?*

Number of days	<i>[OR]</i>	Frequency	
		1) more than 1 week	2) more than 1 month
		3) more than 6 months	4) more than a year

10.2.3) What type of fish did you most recently eat?

10.2.4) How much fish did you eat?

Fish type	Value (KSh)	Weight (KG)	Number	Average size (cm)

10.2.5) How many people was this shared with?

Number:

10.2.6) Did you buy or catch the fish or did you get the fish as a gift?

1) Bought	2) Fished	3) Gift
-----------	-----------	---------

10.2.7) *[IF 'buy'] Who did you buy it from?*

Name: Location:

10.2.8) [IF 'catch'] How did you catch it [i.e. with which gear or method]?

Response:

10.2.9) [IF 'gift'] Who gave it to you?

Response:

10.2.10) Of all the fish that you consume, how much of it do you

a) . . . Buy?	1) None	2) Kiasi	3) Half	4) Most	5) All
b) . . . fish yourself?	1) None	2) Some	3) Half	4) Most	5) All
c) . . . Get as a gift by other people?	1) None	2) Some	3) Half	4) Most	5) All

10.3 Meat/chicken consumption

10.3.1) Have you or other household members eaten meat or chicken yesterday?

1) Yes 0) No

10.3.2) [IF 'yes'] What type of meat or chicken did you eat?

Response:

10.3.3) [IF 'no'] When was the last time your household ate meat or chicken?

Number of days	[OR]	Frequency	
		1) more than 1 week	2) more than 1 month
		3) more than 6 months	4) more than a year

10.3.4) [IF 'no'] What type of meat or chicken did you eat most recently?

10.3.5) How much did you eat?

Meat/chicken type	Value (KSh)	Weight (KG)	Number	Average size (cm)

10.3.6) Did you buy or get it as a gift or was from your own animals?

a) Bought	1) None	2) Some	3) Half	4) Most	5) All
b) . . . Own animals?	1) None	2) Some	3) Half	4) Most	5) All
c) . . . Got as a gift from other people?	1) None	2) Some	3) Half	4) Most	5) All

10.3.7) [IF 'buy'] Who did you buy it from?

Name:	Location:
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10.3.8) [IF 'gift'] Who gave it to you?

Response:

11. Household characteristics

Dwelling type	Wall material
1) House 2) Room 3) Other:	1) Palm leaf 2) Mud 3) Mud with cement 4) Block 5) Other:
Roof material	Floor
1) Palm leaf 2) Tiles 3) Iron 4) Other:	1) Soil 2) Cement 3) Tiles 4) Galana 5) Wood 6) Other:

11.1) Do you own or rent this house / room?

11.2) Do you have electricity in your house / room?

11.2) [IF 'yes'] What is your main source of the electricit?

11.3) What is your main source of lighting?

11.4) What do you normally use for cooking?

Ownership	Electricity
1) Own 2) Rent 3) Other:	1) None 2) Car battery 3) Electricity 4) Solar 5) generator 6) Other:
Lighting	Cooking
1) None 2) Candle 3) Kerosene wick 4) Lantern 5) firewood 6) bulb 7) Other:	1) Firewood 2) Charcoal 3) Kerosene 4) Gas 5) Electricity 6) Other:

11.5) Which of the following items do you or any household member own?

5.1) Fridge: Yes No	5.10) Motorcycle: Yes No	5.19) Land: _____ acres
5.2) Generator/solar panel: Yes No	5.11) Tricycle: Yes No	5.20) Cattle: _____ [number]
5.3) TV: Yes No	5.12) Car/tractor: Yes No	5.21) Sheep: _____ [number]
5.4) Video/DVD: Yes No	5.13) Dugout canoe (dau): Yes No	5.22) Goats: _____ [number]
5.5) Satellite dish: Yes No	5.14) Outrigger canoe: Yes No	5.23) Chicken: _____ [number]
5.6) Electric fan: Yes No	5.15) Dhow (Jahazi): Yes No	5.24) Ducks: _____ [number]
5.7) Mobile phone: Yes No	5.16) Hoe: Yes No	
5.8) Radio: Yes No	5.17) Cutlass: Yes No	
5.9) Bicycle: Yes No	5.18) Oxen plough: Yes No	

Comments

Informed consent for future research – at end of survey

We are very grateful for your time in answering these questions. This information will be anonymously combined with that from other households in the area. We will return later in the year to present the information back to the community.

In addition to this survey, this research project will have some more detailed discussions and meetings with people from the community to talk in more depth. We are also looking for volunteers to join in meetings when we discuss the findings of the work, and how this area might change in the future. Would you be willing for us to contact you again to invite you to be part of future work?

Tick here

☐

[IF 'yes'] How would you like us to contact you?

We will keep your contact information safe and not share it with anyone from outside the project. It will only be used for contacting you about further activities in this project.