







## Langalanga Household Socioeconomic Survey - EAFM Project

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3d. Who controls the household spending and budget?

- male head of the household
- female head of the household
- jointly by the male and female head of the household
- Other arrangements (*provide details below*)

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### 4. Nutrition

#### Part A: Food Security

4a How many meals does your household normally eat in a day?

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No	Question	Response Options	Code
1	In the past four weeks, did you worry that your household would not have enough food?	0 = No (skip to Q2) 1=Yes	.... __
1.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __
2	In the past four weeks, were you or any household member not able to eat the kinds of foods you preferred because of difficulties with money, no place to farm or inability to go fishing?	0 = No (skip to Q3) 1=Yes	.... __
2.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks)	

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		weeks) 3 = Often (more than ten times in the past four weeks)	.... __
3	In the past four weeks, did you or any household member have to eat a limited variety of foods because of difficulties with money, no place to farm or inability to go fishing?	0 = No (skip to Q4) 1=Yes	.... __
3.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __
4	In the past four weeks, did you or any household member have to eat some foods that you really did not want to eat because of difficulties with money, no place to farm or inability to go fishing to obtain other types of food?	0 = No (skip to Q5) 1=Yes	.... __
4.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __
5	In the past four weeks, did you or any household member have to eat a smaller meal than you felt you needed because of difficulties with money, no place to farm or inability to go fishing?	0 = No (skip to Q6) 1=Yes	.... __
5.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks)	.... __

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		3 = Often (more than ten times in the past four weeks)	
6	In the past four weeks, did you or any other household member have to eat fewer meals in a day because there was not enough food?	0 = No (skip to Q7) 1=Yes	.... __
6.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __
7	In the past four weeks, was there ever no food to eat of any kind in your household because of difficulties with money, no place to farm or inability to go fishing?	0 = No (skip to Q8) 1=Yes	.... __
7.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __
8	In the past four weeks, did you or any household member go to sleep at night hungry because there was not enough food?	0 = No (skip to Q9) 1=Yes	.... __
8.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __
9	In the past four weeks, did you or any household member go a whole day and night without	0 = No (questionnaire is finished) 1 = Yes	.... __

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	eating anything because there was not enough food?		
9.a	How often did this happen?	1 = Rarely (once or twice in the past four weeks) 2 = Sometimes (three to ten times in the past four weeks) 3 = Often (more than ten times in the past four weeks)	.... __

### **Part B: Household Dietary Diversity**

	Questions and Filters	Coding Categories
1	Now I would like to ask you about the types of foods that you or anyone else in your household ate yesterday during the day and at night.  <i>Read the list of foods. Place a one in the box if anyone in the household ate the food in question, place a zero in the box if no one in the household ate the food</i>	
A	Any, bread, ring cake rice noodles, biscuits, cookies, or any other foods made from millet, sorghum, maize, rice, Wheat?	A .....  __
B	Mangrove fruit (koa)	B.....  __
C	Any pumpkin or sweet potatoes that are yellow or orange inside?	C .....  __
D	Any white potatoes, white yams, pana, cassava or any other foods made from roots or tubers?	D.....  __
E	Any dark, green, leafy vegetables such as slippery cabbage, Chinese cabbage, taro leaves, kangkung, water cress, kasume etc.?	E.....  __
F	Any other vegetables?	F.....  __
G	Any ripe mangoes, ripe pawpaw	G.....  __
H	Any other fruits?	H.....  __
I	Any beef, pork, lamb, goat, chicken, duck, or other birds, liver, kidney, heart, or other organ meats	I.....  __
J	Any eggs?	J.....  __
K	Any fresh or dried fish or shellfish?	K.....  __

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L	Beans or any foods made from beans,	L.....  __
M	Any milk or milk products like cheese or yogurt?	M.....  __
N	Any foods made with coconut, ngali nut, peanuts, oil, fat, or butter?	N.....  __
O	Any sugar or honey?	O.....  __
P	Any other foods, such as, coffee, tea, Juice?	P.....  __

### 5. Access to Natural Resources & Resource Management

5a. Can you fish, collect mangrove seeds (koa), firewood, shells etc. anywhere you like? Yes / No

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5b. What determines where you can fish within the reefs, collect mangrove seeds, firewood, shells etc.

Tribal membership

Family Membership

Village where they live

Where they originally came from

Any other factors (please specify)

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5c. Does everyone (men, women, boys girls etc.) have a place where they can fish, collect mangrove seeds (koa) firewood, shells etc. Yes / No

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5d. If answer is No, what category of people (e.g. elderly, youths, parent not from here etc.) don't normally have a place to fish, collect mangrove seeds (koa) firewood, shells etc.?

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5e. For those who do not have a place where they can fish, collect mangrove seeds (koa) firewood, shells etc., where do they go to obtain these things?

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5f. Do people from the bush fish in the lagoon?

Yes / No

5g. Do people from the bush need to get permission to fish in the lagoon?

Yes they need to get permission

No they do not need to get permission

5e. Are there conflicts over fishing areas, mangrove areas etc. between just any group of people or individuals? Yes / No

*(Try and obtain details of such conflicts and note them down)*

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5h. If there are conflicts over fishing areas, mangroves areas etc., How are they resolved?

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5i. Are there any rules about where or how people fish?

Management type	Yes/No	Description	Do people follow the rules?			
			No	Just a few	Most	All
People are not allowed to fish in certain places						
Certain fishing gears are not allowed to be used		Dynamite				
		Poison				
		Net				
		Other (specify)				
Certain organisms are not allowed to be harvested						
Certain sizes of some organisms are not allowed to be harvested						
There are certain seasons when certain areas or organisms are not allowed to be harvested						

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5j. Who makes the rules?

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5k. Do people support the rules? (Ask this if the respondent stated there are rules)

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5l. People will respect rules about natural resources if they are made by village head and community members

- Strongly agree
- Agree
- Not sure
- Disagree
- Strongly disagree

5m. People will respect rules about natural resources if they are made by the government

- Strongly agree
- Agree
- Not sure
- Disagree
- Strongly disagree

5n. If people do not follow the rules, why is that so?

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## 6. Governance

6.1 Is there a village head and/or committee's in this village? Yes / No

6.2. If there is a village head, how is s/he chosen?

Elected by the village people

Traditionally inherited and recognised

Government appointed

Church appointed

6.3 Our village head is respected by our community members

Strongly agree

Agree

Not sure

Disagree

Strongly disagree

6.4 What is your relationship with the village head like?

Relations are always good

Relationships are good most of the time

Relationships are sometimes good and sometimes not good

Relationships are difficult most of the time

Relationships are always difficult

Relationships are very difficult

6.5 Beside the village head, what other community groups/committees exist in the village?

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6.6 Which community groups/committees are the best to deal with village issues, starting from the best to the not so good?

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## 7. Fisher Survey

7.1. Do you or anyone in your household go fishing? Yes / No

*(If the answer is no then surveyor does not need to do the fisher survey, if yes then continue, if the fisher in the household is different from the respondent then the fisher should be interviewed. If fisher is not available then interview the fisher later)*

7.2 How did you get into fishing?

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7.4 Look at this map of Langalanga lagoon, Can you show me you main fishing grounds and the seasons in the year you fish within the different fishing grounds?

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7.5 What kinds of fish (or shells and crustaceans) do you catch (or collect)

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7.6 Ever since you started fishing has the type of fish (species) you catch within Langalanga lagoon

- Increased
- Remain the same
- Decreased

7.7 Ever since you started fishing, have the sizes of fish you catch within Langalanga lagoon

- Increased
- Remain the same
- Decreased

7.8 Ever since you started fishing, has your catch (in total weight per fishing trip for the same number of hours) in Langalanga lagoon

- Increased
- Remain the same
- Decreased

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7.9 If you don't fish within the areas in Langalanga lagoon, where do you fish?

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7.10 Why do you fish in those areas?

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7.11 Since when did you start fishing there?

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7.12 Would it be possible for you to give me an estimate of your normal catch now either in weight (Kg) or typical sizes (length in cm) and quantity (number of fish)?

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7.13 What species of fish do you catch mostly?

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7.14 How much (either Kg or pieces) do you sell and how much do you take for home consumption (or give to relatives and friends)?

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