

# Empowering Women in Small-Scale Fisheries for Sustainable Food Systems 2020-2021

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## Identification

### SURVEY ID NUMBER

TZA\_2020-2021\_EWSFSFS\_v01\_M\_v01\_A\_OCS

### TITLE

Empowering Women in Small-Scale Fisheries for Sustainable Food Systems 2020-2021

### COUNTRY/ECONOMY

Name	Country code
Tanzania	TZA

### STUDY TYPE

Agricultural Survey [ag/oth]

### ABSTRACT

To support sustainable fish food systems and nutrition in sub-Saharan Africa, the Norwegian Agency for Development Cooperation (NORAD) provided funding to the FAO to support initial project activities in five countries (Sierra Leone, Malawi, Ghana, Uganda, Tanzania) with a focus on strengthening women's roles in the small-scale fisheries post-harvest sector. Three surveys were developed to capture information from various stakeholders:

- Individual/Household level: The baseline study conducted for this project included individual intercept surveys targeting women as actors in small-scale fisheries value chains. The purpose of the survey was to understand both the individual respondent (i.e., the woman) and her household's involvement in fisheries, how they acquire and consume fish, their experiences of food security and dietary practices, and participation in fisheries governance and organizations. Approximately 300 women were surveyed per country. This study was conducted for baseline monitoring and evaluation of the project "Empowering women in small-scale fisheries for sustainable food systems".

- Focus group discussions: Focus group discussions were held in each landing site alongside data collection using other survey instruments. The purpose of the focus group discussions was to elicit qualitative data reflecting the opinions of women from the same fish landing sites on key issues affecting their work, status, and roles in the sector. This included their opinions of discrimination or harassment against women, their voice in decision-making and ability to influence fisheries governance, changes in gender relations over time, and their access to training, facilities, and assets needed to conduct their fisheries activities. This study was conducted for baseline monitoring and evaluation of the project "Empowering women in small-scale fisheries for sustainable food systems".

- Individuals (with policy-level influence in the small-scale fishing sector): The baseline study conducted for this project included key informant interviews with those in policy, programme, or other similar levels of sector influence (e.g., Policy Makers, Government, Projects, Programmes working on social and health interventions in fishing communities). The purpose of the key informant interviews was to understand the opinion of respondents on local the diet and eating patterns of the community, women's empowerment, facilities they believe exist at or are in place and serve fish workers. In addition, the questions sought to gain an understanding of what is already known at decision-making levels of the FAO SSF Guidelines and knowledge of fishing community's capacity building needs and how learning and technological change occurs. This study was conducted for baseline monitoring and evaluation of the project "Empowering women in small-scale fisheries for sustainable food systems".

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Individuals, Households, Focus Groups

## Scope

### NOTES

The individual-level survey uses a semi-structured survey instrument that includes:

- Profile of their household's characteristics
- Participation in fisheries activities (individual and household)

- Fisheries assets owned
- Roles in household decision-making around fish-related activities
- Experience with food insecurity
- Types of foods consumed
- Post-harvest processing procedures
- Participation in fisheries governance and organizations
- Gender attitudes about work and decision-making in fisheries and the household.

The focus group discussion survey instrument covered the following topics:

- Diet, foods eaten
- Activities in SSF
- Gender-based discrimination
- Empowerment and voice in decision-making
- Changes in gender relations over time
- Access to assets through facilities at landing and marketing sites
- Female-led organizations
- Capacity building received or areas felt to be important.

The key informant interview uses a semi-structured survey instrument that includes:

- Profile of the respondent's position and knowledge of gender issues and policy in fisheries
- Assessment of local diet and food access issues
- Roles in household decision-making around fish-related activities
- Access to productive assets in fishing
- Access to fisheries extensions services
- Post-harvest processing procedures
- Women's fisheries organizations
- The respondent's personal gender attitudes about work and decision-making in fisheries and the household.

## Coverage

### GEOGRAPHIC COVERAGE

National coverage of coastal areas of high importance to fisheries, including both inland and marine fisheries (where relevant) and both major and minor water bodies. A sample of coastal regions or districts that met these criteria and represented the diversity of fisheries in the country was chosen (non-random sample).

### UNIVERSE

- Individual/Household level: Women who work in small-scale fishing value chains (harvest, post-harvest processing or trade).
- Focus groups: Women who work in small-scale fisheries.
- Individuals (with policy-level influence in the small-scale fishing sector): Policy-level actors in the fishing sector. This includes government and non-governmental personnel working in fisheries, environment, or gender and development themes that impact fishing communities.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Nicole Franz	Food and Agriculture Organization
Lena Westlund	Food and Agriculture Organization
Molly Ahern	Food and Agriculture Organization

### PRODUCERS

Name	Affiliation	Role
Paul Schoen	FAO consultant	Designed original questionnaire
Richard Kandongola	FAO consultant	Revised survey design

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
The Norwegian Agency for Development Cooperation	NORAD	funder

## Sampling

## SAMPLING PROCEDURE

Individual/household level:

- Sample size: 300 individuals per country
- Selection process: Surveys were conducted as intercept surveys at fish landing sites, markets and within fishing communities.
- Stratification: By district and landing site. The target number of surveys per country (300) was divided by the number of landing sites chosen for the study.

Focus groups:

- Non-random sample of women chosen opportunistically (based on availability) to participate in a small group, focus group discussions. Typically 2 focus group discussions were held in each district or region where data collection occurred for the larger, baseline assessment of the project.

Individuals (with policy-level influence in the small-scale fishing sector):

- Survey sampling for key informant interviews was purposive, selecting individuals who were known to be knowledgeable about relevant policy issues impacting fishing communities that were of interest to the project (e.g., nutrition, gender issues, leadership, decision-making). These individuals were identified based on the expert knowledge of the National Project Coordinator with input from the government and influential local leaders. Approximately 10 key informants were surveyed per country, with 1-3 individuals interviewed per district/region.

## WEIGHTING

None

## data\_collection

## DATES OF DATA COLLECTION

Start	End	Cycle
2020-09-01	2021-02-01	Baseline - Key Informants Interview
2020-09-20	2021-01-21	Baseline - Individual/Household level

## DATA COLLECTION MODE

Face-to-face [f2f], Focus Group [foc]

## DATA COLLECTION NOTES

Individual/Household level: All enumerators were trained at either an in-person training (led by the National Project Coordinator) or trained remotely over Zoom by an FAO consultant with in-person checks on training (i.e., ability to navigate survey software on mobile devices) before heading to the field for data collection. Enumerator teams collected data in each district or region. Interviews averaged 1-hour.

Focus Groups: All enumerators were trained at either an in-person training (led by the National Project Coordinator) or trained remotely over Zoom by an FAO consultant with in-person checks on training (i.e., ability to navigate survey software on mobile devices) before heading to the field for data collection. Enumerator teams collected data in each district or region. Interviews averaged 1-hour. Focus group questionnaires were in English, and responses were recorded in English although discussions typically took place in local languages. Focus groups were facilitated with approximately 10 participants by two trained enumerators, one asking questions and the other recording responses using a mobile device and the survey software application KoboCollect. Focus groups took between 1-2 hours.

## questionnaires

### QUESTIONNAIRES

Individual/Household level:

- Questionnaire used: Empowering Women in Small Scale Fisheries for Sustainable Food Systems Individual Questionnaire.
- Language: English.

Focus Groups level:

- Questionnaire used: Empowering Women in Small Scale Fisheries for Sustainable Food Systems Focus Groups Discussions Questionnaire.
- Language: English.

Key Informants Interview:

- Questionnaire used: Baseline KII survey
- Language: English

## data\_processing

### DATA EDITING

Individual/household level:

- Data editing took place at two stages: 1. Enumerators visually checked surveys entered before finalizing the survey entry.
- 2. The consultant analyzing the data for internal reports made visual checks of the data and needed corrections

## Access policy

### CONTACTS

Name	Affiliation	Email
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Nicole Franz	Food and Agriculture Organization	nicole.franz@fao.org

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### CITATION REQUIREMENTS

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## Metadata production

### DDI DOCUMENT ID

DDI\_TZA\_2020-2021\_EWSFSFS\_v01\_M\_v01\_A\_OCS

### PRODUCERS

Name	Abbreviation	Affiliation	Role
Hillary Smith		Food and Agriculture Organization	Metadata producer
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

### DATE OF METADATA PRODUCTION

2023-03-16

### DDI DOCUMENT VERSION

Version 01 (March 2023): This metadata was downloaded from the FAO website (<https://microdata.fao.org/index.php/catalog>) and it is identical to FAO version (TZA\_2020-2021\_EWSFSFS\_v01\_EN\_M\_v01\_A\_OCS). The following two metadata fields were edited - Document ID and Survey ID.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>data_anon_ind</b>	282	372
<b>data_anon_focus_groups_discussions</b>	11	67
<b>data_anon_kii</b>	18	47





**Data file: data\_anon\_ind**

Cases: 282

variables: 372

**variables**

ID	Name	Label	Question
V483	x1_1_1_country	1.1.1 Country	
V484	x1_1_2_region	1.1.2 Region	
V485	x1_1_3_district	1.1.3 District	
V486	x1_2_1_gender_of_respondent	1.2.1 Gender of respondent	
V487	x1_2_2_when_is_your_birthdat	1.2.2 When is your birthdate?	
V488	x1_2_3_marital_status	1.2.3 Marital Status	
V489	x1_2_4_education_how_many_ye	1.2.4 Education - How many years of schooling have you had?	
V490	x1_2_5_household_size	1.2.5 Household size	
V491	x1_3_1_what_is_your_primary_	1.3.1 What is your primary source of income?	
V492	x1_3_2_do_you_or_anyone_in_y	1.3.2 Do you or anyone in your household fish?	
V493	x1_3_3_if_yes_who	1.3.3 If Yes, who?	
V494	x1_3_4_do_you_or_anyone_in_y	1.3.4 Do you or anyone in your household farm fish?	
V495	x1_3_5_if_yes_who	1.3.5 If Yes, who?	
V496	x1_3_6_do_you_or_anyone_in_y	1.3.6 Do you or anyone in your household process farm fish?	
V497	x1_3_7_if_yes_who	1.3.7 If Yes, who?	
V498	x1_3_8_do_you_or_anyone_in_y	1.3.8 Do you or anyone in your household market (retail) fish ?	
V499	x1_3_9_if_yes_who	1.3.9 If Yes, who?	
V500	x1_3_10_do_you_or_anyone_in_	1.3.10 Do you or anyone in your household trade (wholesale) fish?	
V501	x1_3_11_if_yes_who	1.3.11 If Yes, who?	
V502	x1_3_11_if_yes_who_husband	1.3.11 If Yes, who?/Husband	
V503	x1_3_11_if_yes_who_wife	1.3.11 If Yes, who?/Wife	
V504	x1_3_11_if_yes_who_dependent	1.3.11 If Yes, who?/Dependent child	
V505	x1_3_11_if_yes_who_relative	1.3.11 If Yes, who?/Relative	
V506	x1_3_11_if_yes_who_self	1.3.11 If Yes, who?/Self	
V507	x1_3_12_do_you_or_anyone_in_	1.3.12 Do you or anyone in your household do anything else with fish?	
V508	x1_3_13_if_yes_who	1.3.13 If Yes, who?	
V509	x1_3_13_if_yes_who_husband	1.3.13 If Yes, who?/Husband	
V510	x1_3_13_if_yes_who_wife	1.3.13 If Yes, who?/Wife	
V511	x1_3_13_if_yes_who_dependent	1.3.13 If Yes, who?/Dependent child	
V512	x1_3_13_if_yes_who_relative	1.3.13 If Yes, who?/Relative	
V513	x1_3_13_if_yes_who_self	1.3.13 If Yes, who?/Self	
V514	x1_3_14_if_you_work_with_fis	1.3.14 If you work with fish, what are the five to eight main fish species you do deal with in your activities?	
V515	x1_3_15_what_do_you_do_with_	1.3.15 What do you do with the fish? Do you do any of the following or all of them?	
V516	x1_3_15_what_do_you_do_with_.1	1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Buy	
V517	x1_3_15_what_do_you_do_with_.2	1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Store/Refrigeration/Dry/Other	

ID	Name	Label	Question
V518	x1_3_15_what_do_you_do_with_3	1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Process	
V519	x1_3_15_what_do_you_do_with_4	1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Sell/Market	
V520	x1_3_15_what_do_you_do_with_5	1.3.15 What do you do with the fish? Do you do any of the following or all of them?/All aspects of the business	
V521	x1_3_16_what_is_your_estimat	1.3.16 What is your estimated income per month from all income sources?	
V522	x1_3_17_what_is_your_estimat	1.3.17 What is your estimated income per month from fishery activities?	
V523	x1_you_were_worried_you_woul	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:? 1.You were worried you would not have enough food to eat?	
V524	x2_you_were_unable_to_eat_he	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?2.You were unable to eat healthy and nutritious food?	
V525	x3_you_ate_only_a_few_kinds_	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?3.You ate only a few kinds of foods?	
V526	x4_you_had_to_skip_a_meal	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?4. You had to skip a meal?	
V527	x5_you_ate_less_than_you_tho	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?5. You ate less than you thought you should?	
V528	x6_your_household_ran_out_of	6. Your household ran out of food?	
V529	x7_you_were_hungry_but_did_n	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?7. You were hungry but did not eat?	
V530	x8_you_went_without_eating_f	1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?8. You went without eating for a whole day?	
V531	x01_grains_and_staple_foods_	1.4.2.1 Yesterday, did you eat any of the following foods? 01 grains and staple foods made from grains: Bread, rice, waakye, jollof, fried rice, rice balls, or rice porridge, kenkey, banku, touzaafi, hausa koko, akple, roasted maize, boiled maize, or tom	
V532	x02_white_roots_tubers_and_p	1.4.2.1 Yesterday, did you eat any of the following foods? 02 white roots, tubers and plantains: Fufu, gari, kokonte, or cassava, yam, cocoyam, plantain, or sweet potato	
V533	x03_legumes_pulses_beans_or_	1.4.2.1 Yesterday, did you eat any of the following foods? 03 legumes/pulses: Beans or bambara beans	
V534	x04_nuts_seeds_groundnuts_gr	1.4.2.1 Yesterday, did you eat any of the following foods? 04 nuts & seeds: Groundnuts, groundnut paste, groundnut soup, kulikuli, agushi stew, neri soup, or cashew	
V535	x05_vitamin_a_rich_orange_ve	1.4.2.2 Yesterday, did you eat any of the following vegetables? 05 vitamin A-rich orange vegetables: Carrot, or yellow or orange-colored sweet potato	
V536	x06_dark_green_leafy_vegetab	1.4.2.2 Yesterday, did you eat any of the following vegetables? 06 dark green leafy vegetables: Cocoyam leaves, alefu, ademe, ayoyo, potato leaves, cassava leaves, or bokoboko	
V537	x07_other_vegetables_tomato_	1.4.2.2 Yesterday, did you eat any of the following vegetables? 07 other vegetables: Tomato, okro, garden eggs, cabbage, sweet green pepper or lettuce	
V538	x08_vitamin_a_rich_fruits_ma	1.4.2.3 Yesterday, did you eat any of the following fruits? 08 vitamin A-rich fruits: Mango, papaya, or alasa	

ID	Name	Label	Question
V539	x09_other_fruits_banana_pine	1.4.2.3 Yesterday, did you eat any of the following fruits? 09 Other fruits: Banana, pineapple, avocado pear, watermelon, apple, or guava, orange, tangerine, soursop, coconut, yoyi, baobab, D-ball, ebony fruit, or shea fruit	
V540	x10_eggs	1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 10 eggs	
V541	x11_cheese_cheese_curds_or_w	1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 11 cheese -Cheese curds or wagashi	
V542	x12_yogurt_brukina_or_drink_	1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 12 yogurt - Brukina or drink yogurt	
V543	x13_red_meat_beef_goat_sheep	1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 13 Red meat: Beef, goat, sheep, liver, or intestines, pork, grasscutter, rabbit, or bushmeat	
V544	x14_poultry_chicken_gizzard_	1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 14 poultry - Chicken, gizzard, or guinea fowl	
V545	x15_fish_seafood_fish_dried_	1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 15 Fish seafood: Fish, dried fish, koobi, anchovies, amane, crab, or shrimp	
V546	x16_savory_and_salty_snacks_	1.4.2.5 Yesterday, did you eat any of the following snacks? 16 Savory and Salty snacks: Packaged yellow plantain chips or potato chips, or Pringles, or indomie	
V547	x17_sweets_cakes_biscuits_to	1.4.2.5 Yesterday, did you eat any of the following snacks? 17 Sweets: Cakes, biscuits, toogbee, bofrot, or rock bun, Toffees, chocolate, or ice cream	
V548	x18_fruid_milk_did_you_use_t	1.4.2.6 Yesterday, did you have any of the following beverages? 18 Fruid milk: Did you use tin milk or powdered milk?	
V549	x19_sweetened_tea_coffee_mil	1.4.2.6 Yesterday, did you have any of the following beverages? 19 sweetened tea/ coffee/ milk drinks: Milo, tea with sugar, or coffee with sugar	
V550	x20_sugar_sweetened_beverage	1.4.2.6 Yesterday, did you have any of the following beverages? 20 Sugar sweetened beverages: Soft drinks or malts, such as Coke, Fanta, Sprite, or Alvaro	
V551	x21_insects_add_foods_common	1.4.2.7 Yesterday, did you eat any of the following other foods? 21 insects - - Add foods commonly consumed insects, if applicable	
V552	x22_condiments_and_seasoning	1.4.2.7 Yesterday, did you eat any of the following other foods? 22 condiments and seasonings - - Add foods commonly consumed in small quantities smaller than 15g-	
V553	x1_5_1_which_species_of_fish	1.5.1 Which species of fish do you consume in the household? For each species, which parts do you consume?	
V554	x1_5_3_are_there_times_when_	1.5.3 Are there times when you cannot buy fish?	
V555	x1_5_4_which_months_can_you_	1.5.4 Which months can you not buy fish?	
V556	x1_5_4_which_months_can_you_.1	1.5.4 Which months can you not buy fish?/January	
V557	x1_5_4_which_months_can_you_.2	1.5.4 Which months can you not buy fish?/February	
V558	x1_5_4_which_months_can_you_.3	1.5.4 Which months can you not buy fish?/March	
V559	x1_5_4_which_months_can_you_.4	1.5.4 Which months can you not buy fish?/April	
V560	x1_5_4_which_months_can_you_.5	1.5.4 Which months can you not buy fish?/May	
V561	x1_5_4_which_months_can_you_.6	1.5.4 Which months can you not buy fish?/June	
V562	x1_5_4_which_months_can_you_.7	1.5.4 Which months can you not buy fish?/July	
V563	x1_5_4_which_months_can_you_.8	1.5.4 Which months can you not buy fish?/August	
V564	x1_5_4_which_months_can_you_.9	1.5.4 Which months can you not buy fish?/September	
V565	x1_5_4_which_months_can_you_.10	1.5.4 Which months can you not buy fish?/October	
V566	x1_5_4_which_months_can_you_.11	1.5.4 Which months can you not buy fish?/November	
V567	x1_5_4_which_months_can_you_.12	1.5.4 Which months can you not buy fish?/December	

ID	Name	Label	Question
V568	x1_5_5_if_there_are_times_wh	1.5.5 If there are times when you cannot buy fish. Why would this be the case?	
V569	x1_5_6_how_many_days_per_wee	1.5.6 How many days per week do you (yourself) eat fish?	
V570	x1_5_6_how_many_days_per_wee.1	1.5.6 How many days per week do you (yourself) eat fish?/1	
V571	x1_5_6_how_many_days_per_wee.2	1.5.6 How many days per week do you (yourself) eat fish?/2	
V572	x1_5_6_how_many_days_per_wee.3	1.5.6 How many days per week do you (yourself) eat fish?/3	
V573	x1_5_6_how_many_days_per_wee.4	1.5.6 How many days per week do you (yourself) eat fish?/4	
V574	x1_5_6_how_many_days_per_wee.5	1.5.6 How many days per week do you (yourself) eat fish?/5	
V575	x1_5_6_how_many_days_per_wee.6	1.5.6 How many days per week do you (yourself) eat fish?/6	
V576	x1_5_6_how_many_days_per_wee.7	1.5.6 How many days per week do you (yourself) eat fish?/7	
V577	x1_5_6_how_many_days_per_wee.8	1.5.6 How many days per week do you (yourself) eat fish?/Don't eat	
V578	x1_5_7_how_many_days_per_wee	1.5.7 How many days per week does your family eat fish?	
V579	x1_5_8_how_much_fish_does_yo	1.5.8 How much fish does your household consume each day? Number of small fish? Number of large fish? Cup of small fish, etc...)	
V580	x1_5_9_do_you_catch_your_own	1.5.9 Do you catch your own fish for household consumption?	
V581	x1_5_9_specify	1.5.9 specify	
V582	x1_5_10_if_you_did_not_catch	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?	
V583	x1_5_10_if_you_did_not_catch.1	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Locally caught, small-scale fisherfolk	
V584	x1_5_10_if_you_did_not_catch.2	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Locally caught, commercial fisheries	
V585	x1_5_10_if_you_did_not_catch.3	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Other parts of the Country/bought from market	
V586	x1_5_10_if_you_did_not_catch.4	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Imported species bought from the market	
V587	x1_5_10_if_you_did_not_catch.5	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Purchased at market, do not know source	
V588	x1_5_10_if_you_did_not_catch.6	1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Gift/Barter	
V589	x1_5_11_fish_processing_if_y	1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?	
V590	x1_5_11_fish_processing_if_y.1	1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Fresh	
V591	x1_5_11_fish_processing_if_y.2	1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Dried	
V592	x1_5_11_fish_processing_if_y.3	1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Smoked	
V593	x1_5_11_fish_processing_if_y.4	1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Tinned	
V594	x1_5_11_fish_processing_if_y.5	1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Other	
V595	x1_5_12_fish_processing_if_y	1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?	
V596	x1_5_12_fish_processing_if_y.1	1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Dry	

ID	Name	Label	Question
V597	x1_5_12_fish_processing_if_y.2	1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Smoke	
V598	x1_5_12_fish_processing_if_y.3	1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Salt	
V599	x1_5_12_fish_processing_if_y.4	1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Boil and Dry	
V600	x1_5_12_fish_processing_if_y.5	1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Other	
V601	x1_5_12_please_specify	1.5.12 Please specify	
V602	x1_5_13_do_you_buy_fish_prod	1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?	
V603	x1_5_13_do_you_buy_fish_prod.1	1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Do not buy	
V604	x1_5_13_do_you_buy_fish_prod.2	1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Fish powder	
V605	x1_5_13_do_you_buy_fish_prod.3	1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Fish paste	
V606	x1_5_13_do_you_buy_fish_prod.4	1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Other	
V607	x1_5_13_if_others_to_questio	1.5.13 If Others to question above, please specify	
V608	x1_5_14_if_you_buy_fish_prod	1.5.14 If you buy fish products, are there certain family members who consume these products?	
V609	x1_5_14_if_you_buy_fish_prod.1	1.5.14 If you buy fish products, are there certain family members who consume these products?/Husband	
V610	x1_5_14_if_you_buy_fish_prod.2	1.5.14 If you buy fish products, are there certain family members who consume these products?/Wife	
V611	x1_5_14_if_you_buy_fish_prod.3	1.5.14 If you buy fish products, are there certain family members who consume these products?/Dependent child	
V612	x1_5_14_if_you_buy_fish_prod.4	1.5.14 If you buy fish products, are there certain family members who consume these products?/Relative	
V613	x1_5_14_if_you_buy_fish_prod.5	1.5.14 If you buy fish products, are there certain family members who consume these products?/Self	
V614	x1_5_15_what_are_the_main_ba	1.5.15 What are the main barriers you face in consuming fish in the household?	
V615	x1_5_15_if_others_please_spe	1.5.15 IF Others, please specify	
V616	x1_6_1_do_you_always_catch_a	1.6.1 Do you always catch all your own fish for processing and marketing?	
V617	x1_6_2_do_you_know_the_sourc	1.6.2 Do you know the source of the fish you purchased?	
V618	x1_6_2_do_you_know_the_sourc.1	1.6.2 Do you know the source of the fish you purchased?/Locally caught, small-scale fisherfolk	
V619	x1_6_2_do_you_know_the_sourc.2	1.6.2 Do you know the source of the fish you purchased?/Locally caught, commercial fisheries	
V620	x1_6_2_do_you_know_the_sourc.3	1.6.2 Do you know the source of the fish you purchased?/Other parts of the Country/bought from market	
V621	x1_6_2_do_you_know_the_sourc.4	1.6.2 Do you know the source of the fish you purchased?/Imported species bought from the market	
V622	x1_6_2_do_you_know_the_sourc.5	1.6.2 Do you know the source of the fish you purchased?/Purchased at market, do not know source	
V623	x1_6_3_why_do_you_source_fis	1.6.3 Why do you source fish from this source? Example answer: "imported fish is only fish available"	
V624	x1_6_4_who_do_you_buy_your_f	1.6.4 Who do you buy your fish from?	

ID	Name	Label	Question
V625	x1_6_4_who_do_you_buy_your_f.1	1.6.4 Who do you buy your fish from?/Close Family Member who fishes (Husband/Spouse/Sibling/Parent)	
V626	x1_6_4_who_do_you_buy_your_f.2	1.6.4 Who do you buy your fish from?/Distant Family Member or Friend who fishes	
V627	x1_6_4_who_do_you_buy_your_f.3	1.6.4 Who do you buy your fish from?/Any fisher who sells fish or fish auction at landing site	
V628	x1_6_4_who_do_you_buy_your_f.4	1.6.4 Who do you buy your fish from?/Retailer/Wholesaler	
V629	x1_6_5_why_do_you_source_fis	1.6.5 Why do you source fish from this person/group of people? Example answers - fisher is husband or family member, we work together OR fisher is friend and gives good prices	
V630	x1_6_6_are_there_times_when_	1.6.6 Are there times when you decide not to buy fish?	
V631	x1_6_7_why_would_this_be_the	1.6.7 Why would this be the case?	
V632	x1_6_8_what_are_the_main_bar	1.6.8 What are the main barriers you face in buying fish?	
V633	x1_6_8_what_are_the_main_bar.1	1.6.8 What are the main barriers you face in buying fish?/Fish is not available in the market	
V634	x1_6_8_what_are_the_main_bar.2	1.6.8 What are the main barriers you face in buying fish?/Fish is of poor quality/unsafe to consume	
V635	x1_6_8_what_are_the_main_bar.3	1.6.8 What are the main barriers you face in buying fish?/Too time consuming to prepare	
V636	x1_6_8_what_are_the_main_bar.4	1.6.8 What are the main barriers you face in buying fish?/Price is too high	
V637	x1_6_9_do_you_feel_that_your	1.6.9 Do you feel that your access to fish is there when you need it when in season?	
V638	fishing_184	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fishing	
V639	fishing_yes	Fishing/Yes	
V640	fishing_no	Fishing/No	
V641	fishing_no_input	Fishing/No Input	
V642	fishing_little	Fishing/Little	
V643	fishing_moderate	Fishing/Moderate	
V644	fishing_all	Fishing/All	
V645	fish_buying_191	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish buying	
V646	fish_buying_yes	Fish buying/Yes	
V647	fish_buying_no	Fish buying/No	
V648	fish_buying_no_input	Fish buying/No Input	
V649	fish_buying_little	Fish buying/Little	
V650	fish_buying_moderate	Fish buying/Moderate	
V651	fish_buying_all	Fish buying/All	
V652	fish_processing_198	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish processing	
V653	fish_processing_yes	Fish processing/Yes	
V654	fish_processing_no	Fish processing/No	
V655	fish_processing_no_input	Fish processing/No Input	
V656	fish_processing_little	Fish processing/Little	

ID	Name	Label	Question
V657	fish_processing_moderate	Fish processing/Moderate	
V658	fish_processing_all	Fish processing/All	
V659	fish_storage_205	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish storage	
V660	fish_storage_yes	Fish storage/Yes	
V661	fish_storage_no	Fish storage/No	
V662	fish_storage_no_input	Fish storage/No Input	
V663	fish_storage_little	Fish storage/Little	
V664	fish_storage_moderate	Fish storage/Moderate	
V665	fish_storage_all	Fish storage/All	
V666	fish_transportation_212	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish transportation	
V667	fish_transportation_yes	Fish transportation/Yes	
V668	fish_transportation_no	Fish transportation/No	
V669	fish_transportation_no_input	Fish transportation/No Input	
V670	fish_transportation_little	Fish transportation/Little	
V671	fish_transportation_moderate	Fish transportation/Moderate	
V672	fish_transportation_all	Fish transportation/All	
V673	fish_marketing_selling_tradi	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish marketing (selling/trading of fish)	
V674	fish_marketing_selling_tradi.1	Fish marketing (selling/trading of fish)/Yes	
V675	fish_marketing_selling_tradi.2	Fish marketing (selling/trading of fish)/No	
V676	fish_marketing_selling_tradi.3	Fish marketing (selling/trading of fish)/No Input	
V677	fish_marketing_selling_tradi.4	Fish marketing (selling/trading of fish)/Little	
V678	fish_marketing_selling_tradi.5	Fish marketing (selling/trading of fish)/Moderate	
V679	fish_marketing_selling_tradi.6	Fish marketing (selling/trading of fish)/All	
V680	other_income_generating_e_g_	1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Other income generating (e.g. small busi	
V681	other_income_generating_e_g_.1	Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/Yes	
V682	other_income_generating_e_g_.2	Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/No	
V683	other_income_generating_e_g_.3	Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/No Input	
V684	other_income_generating_e_g_.4	Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/Little	
V685	other_income_generating_e_g_.5	Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/Moderate	

ID	Name	Label	Question
V686	other_income_generating_e_g_.6	Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/All	
V687	fishing_234	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fishing	
V688	fish_buying_235	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish buying	
V689	fish_processing_236	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish processing	
V690	fish_storage_237	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish storage	
V691	fish_transportation_238	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish transportation	
V692	fish_marketing_selling_tradi.7	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish marketing (selling/trading of fish)	
V693	other_income_generating_e_g_.7	1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)	
V694	locally_produced_fishing_equ	1.7.2.1 Do you or anyone in your household currently have any of the following? / Locally-produced fishing equipment (e.g., baskets)	
V695	imported_produced_fishing_eq	1.7.2.1 Do you or anyone in your household currently have any of the following? / Imported produced fishing equipment (e.g. synthetic nets, hooks, line)	
V696	transportation_equipment_to_	1.7.2.1 Do you or anyone in your household currently have any of the following? / Transportation equipment to collect fish	
V697	fish_processing_equipment_e_	1.7.2.1 Do you or anyone in your household currently have any of the following? / Fish processing equipment (e.g., drying mats, knives, etc.)	
V698	fish_storage_equipment_e_g_s	1.7.2.1 Do you or anyone in your household currently have any of the following? / Fish storage equipment (e.g., sacks, bundles)	
V699	means_of_communicating_e_g_c	1.7.2.1 Do you or anyone in your household currently have any of the following? / Means of communicating (e.g., cell phone)	
V700	x1_7_2_2_how_was_each_item_a	1.7.2.2 How was each item acquired? Indicate below how the item was obtained	
V701	locally_produced_fishing_equ.1	1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Locally-produced fishing equipment (e.g., baskets)	
V702	imported_produced_fishing_eq.1	1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Imported produced fishing equipment (e.g. synthetic nets, hooks, line)	
V703	transportation_equipment_to_.1	1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Transportation equipment to collect fish	
V704	fish_processing_equipment_e_.1	1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Fish processing equipment (e.g., drying mats, knives, etc.)	
V705	fish_storage_equipment_e_g_s.1	1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Fish storage equipment (e.g., sacks, bundles)	
V706	means_of_communication_e_g_c	1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Means of communication (e.g. cell phone)	
V707	locally_produced_fishing_equ.2	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Locally-produced fishing equipment (e.g., baskets)	
V708	imported_produced_fishing_eq.2	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Imported produced fishing equipment (e.g. synthetic nets, hooks, line)	



ID	Name	Label	Question
V709	transportation_equipment_to_.2	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Transportation equipment to collect fish	
V710	tools_e_g_drying_mats_knives	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Tools (e.g., drying mats, knives, etc.)	
V711	fish_processing_equipment_26	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Fish processing equipment	
V712	fish_storage_equipment_e_g_s.2	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Fish storage equipment (e.g., sacks, bundles)	
V713	means_of_communication_e_g_c.1	1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Means of communication (e.g. cell phone)	
V714	locally_produced_fishing_equ.3	1.7.3.2 Who would you say owns most of the items below? Locally-produced fishing equipment (e.g., baskets)	
V715	imported_fishing_equipment_e	1.7.3.2 Who would you say owns most of the items below? Imported fishing equipment (e.g. synthetic nets, hooks, line)	
V716	transportation_equipment_to_.3	1.7.3.2 Who would you say owns most of the items below? Transportation equipment to collect fish	
V717	tools_e_g_drying_mats_knives.1	1.7.3.2 Who would you say owns most of the items below? Tools (e.g., drying mats, knives, etc.)	
V718	fish_processing_equipment_26.1	1.7.3.2 Who would you say owns most of the items below? Fish processing equipment	
V719	fish_storage_equipment_e_g_s.3	1.7.3.2 Who would you say owns most of the items below? Fish storage equipment (e.g., sacks, bundles)	
V720	means_of_communicating_e_g_c.1	1.7.3.2 Who would you say owns most of the items below? Means of communicating (e.g., cell phone)	
V721	locally_produced_fishing_equ.4	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Locally-produced fishing equipment (e.g., baskets)	
V722	externally_produced_fishing_	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Externally produced fishing equipment (e.g. synthetic nets, hooks, line)	
V723	transportation_equipment_to_.4	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Transportation equipment to collect fish	
V724	tools_e_g_drying_mats_knives.2	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Tools (e.g., drying mats, knives, etc.)	
V725	fish_processing_equipment_27	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Fish processing equipment	
V726	fish_storage_equipment_e_g_s.4	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Fish storage equipment (e.g., sacks, bundles)	
V727	means_of_communicating_e_g_c.2	1.7.3.3 Who would you say can decide whether to sell the item most of the time? Means of communicating (e.g., cell phone)	
V728	locally_produced_fishing_equ.5	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Locally-produced fishing equipment (e.g., baskets)	
V729	externally_produced_fishing_.1	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Externally produced fishing equipment (e.g. synthetic nets, hooks, line)	
V730	transportation_equipment_to_.5	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Transportation equipment to collect fish	
V731	tools_e_g_drying_mats_knives.3	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Tools (e.g., drying mats, knives, etc.)	
V732	fish_processing_equipment_28	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Fish processing equipment	
V733	fish_storage_equipment_e_g_s.5	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Fish storage equipment (e.g., sacks, bundles)	

ID	Name	Label	Question
V734	means_of_communicating_e_g_c.3	1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Means of communicating (e.g., cell phone)	
V735	locally_produced_fishing_equ.6	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Locally-produced fishing equipment (e.g., baskets)	
V736	externally_produced_fishing_2	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Externally produced fishing equipment (e.g. synthetic nets, hooks, line)	
V737	transportation_equipment_to_6	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Transportation equipment to collect fish	
V738	tools_e_g_drying_mats_knives.4	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Tools (e.g., drying mats, knives, etc.)	
V739	fish_processing_equipment_29	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Fish processing equipment	
V740	fish_storage_equipment_e_g_s.6	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Fish storage equipment (e.g., sacks, bundles)	
V741	means_of_communicating_e_g_c.4	1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Means of communicating (e.g., cell phone)	
V742	x1_7_4_1_have_you_met_with_a	1.7.4.1 Have you met with a fisheries extension service officer in the past 12 months?	
V743	x1_7_4_2_if_you_did_how_many	1.7.4.2 If you did, how many times did you meet with a fisheries extension service officer in the past 12 months?	
V744	x1_7_4_3_the_last_time_you_m	1.7.4.3 The last time you met with a fisheries extension service officer, were they a woman or a man?	
V745	x1_7_4_4_have_you_received_a	1.7.4.4 Have you received any training on fishing practices, fish processing and storage methods, fish trading and marketing, or food safety and nutrition in the past 12 months?	
V746	x1_7_4_5_if_1_7_4_4_is_yes_w	1.7.4.5 If 1.7.4.4 is "Yes", who provided the training?	
V747	x1_7_4_6_was_this_training_u	1.7.4.6 Was this training useful? If useful did you put this into practice/did you use the knowledge?	
V748	x1_7_4_7_if_1_7_4_6_is_yes_i	1.7.4.7 If 1.7.4.6 is Yes, In what way was it useful or not useful?	
V749	x1_7_5_1_do_you_feel_comfort	1.7.5.1 Do you feel comfortable speaking up in public to help decide on projects and issues affecting any element to do with fish?	
V750	x1_7_5_2_do_you_feel_comfort	1.7.5.2 Do you feel comfortable speaking up in public to protest about activities that are related to fish processing, selling and/or marketing?	
V751	x1_7_5_3_do_you_feel_the_res	1.7.5.3 Do you feel the result was what you wanted from your engagement?	
V752	x1_7_6_1_women_should_not_ge	1.7.6.1 Do you agree with the following statements - Women should not get involved in fishing full time, this is a man's responsibility	
V753	x1_7_6_2_women_should_not_ow	1.7.6.2 Do you agree with the following statements - Women should not own canoes, fishing nets, and other means to fish	
V754	x1_7_6_3_women_should_primar	1.7.6.3 Do you agree with the following statements - Women should primarily be the ones who clean and process fish	
V755	x1_7_6_4_women_should_primar	1.7.6.4 Do you agree with the following statements - Women should primarily be the ones who trade or market fish, not men	
V756	x1_7_6_5_men_should_primaril	1.7.6.5 Do you agree with the following statements - Men should primarily be the ones who transport fish to a market for sale	
V757	x1_7_6_6_men_should_primaril	1.7.6.6 Do you agree with the following statements - Men should primarily be the ones who control the earnings/income obtained from the sale of fish	
V758	x1_7_6_7_women_should_primar	1.7.6.7 Do you agree with the following statements - Women should primarily be the ones who prepare meals (including fish) for the family	
V759	x1_7_6_8_men_should_mostly_b	1.7.6.8 Do you agree with the following statements - Men should mostly be the ones who belong to fisheries clubs, organizations, or associations, not women	

ID	Name	Label	Question
V760	x1_7_7_1_sleeping_and_restin	1.7.7.1 Time allocation (consider time often is used in multi-tasking activities) - Sleeping and Resting in a day?	
V761	x1_7_7_2_all_eating_in_a_day	1.7.7.2 Time allocation (consider time often is used in multi-tasking activities) - All eating in a day?	
V762	x1_7_7_3_cooking	1.7.7.3 Time allocation (consider time often is used in multi-tasking activities) - Cooking	
V763	x1_7_7_4_fishing_in_a_day	1.7.7.4 Time allocation (consider time often is used in multi-tasking activities) - Fishing in a day?	
V764	x1_7_7_5_fish_processing_dry	1.7.7.5 Time allocation (consider time often is used in multi-tasking activities) - Fish processing (drying, smoking fish) in a week?	
V765	x1_7_7_6_fish_trading_buying	1.7.7.6 Time allocation (consider time often is used in multi-tasking activities) - Fish trading (buying and selling of fish) in a week?	
V766	x1_7_7_7_transporting_fish_t	1.7.7.7 Time allocation (consider time often is used in multi-tasking activities) - Transporting fish to market in a week?	
V767	x1_7_7_8_gardening_farming_a	1.7.7.8 Time allocation (consider time often is used in multi-tasking activities) - Gardening, farming, and/or livestock rearing in a week?	
V768	x1_7_7_9_doing_other_types_o	1.7.7.9 Time allocation (consider time often is used in multi-tasking activities) - Doing other types of business (enterprise) other than fishing, processing fish, etc. such as selling groceries in a week?	
V769	x1_7_7_10_purchasing_househo	1.7.7.10 Time allocation (consider time often is used in multi-tasking activities) - Purchasing household items, etc. in a week?	
V770	x1_7_7_11_domestic_work_e_g_	1.7.7.11 Time allocation (consider time often is used in multi-tasking activities) - Domestic work (e.g. collecting firewood, water, sweeping) in a week?	
V771	x1_7_7_12_daily_traveling_to	1.7.7.12 Time allocation (consider time often is used in multi-tasking activities) - Daily traveling (to and from the home)) in a week?	
V772	x1_7_7_13_leisure_activities	1.7.7.13 Time allocation (consider time often is used in multi-tasking activities) - Leisure activities (e.g., reading, listening to radio, watching TV) in a week?	
V773	x1_7_7_14_sports_e_g_playing	1.7.7.14 Time allocation (consider time often is used in multi-tasking activities) - Sports (e.g., playing football, netball) in a week?	
V774	x1_7_7_15_religious_activiti	1.7.7.15 Time allocation (consider time often is used in multi-tasking activities) - Religious activities in a week?	
V775	x1_7_7_16_other_specify_in_a	1.7.7.16 Time allocation (consider time often is used in multi-tasking activities) - Other (specify) in a week?	
V776	x1_7_7_17_time_spent_doing_o	1.7.7.17 Time spent doing "Other" in a week?	
V777	x1_8_1_did_you_sell_any_fish	1.8.1 Did you sell any fish for a low price or lose any fish?	
V778	x1_8_2_what_was_the_highest_	1.8.2 What was the highest selling price you received for your products during the high season? (In local currency/Kg or unit)	
V779	x1_8_3_what_was_the_lowest_s	1.8.3 What was the lowest selling price you received for your products during the low season? (Please reference the top 3 fish species and use local currency/Kg or unit)	
V780	x1_8_4_you_sell_sell_at_a_lo	1.8.4 you sell sell at a low price do you sell more, less or no change?	
V781	x1_8_5_why_did_you_sell_for_	1.8.5 Why did you sell for a low price? (please reference with the top 3 fish species as appropriate)	
V782	x1_8_6_how_much_fish_did_you	1.8.6 How much fish did you lose (waste)?	
V783	x1_8_7_why_did_you_lose_thro	1.8.7 Why did you lose/throw away fish?	
V784	x1_8_8_what_is_the_facility_	1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?	
V785	x1_8_8_what_is_the_facility_.1	1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?/Landing site	
V786	x1_8_8_what_is_the_facility_.2	1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?/Other structure	

ID	Name	Label	Question
V787	x1_8_8_what_is_the_facility_.3	1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?/Other	
V788	x1_8_9_if_you_process_and_se	1.8.9 If you process and sell in a different place how do you transport the fish?	
V789	x1_8_10_of_the_fish_you_buy_	1.8.10 Of the fish you buy how much of this do you try to sell fresh?	
V790	x1_8_11_of_the_fish_you_buy_	1.8.11 Of the fish you buy how much of this do you try to process and sell?	
V791	x1_8_12_of_the_fish_you_buy_	1.8.12 Of the fish you buy how much do you take home for home consumption?	
V792	x1_8_13_where_do_you_sell_yo	1.8.13 Where do you sell your fish??	
V793	x1_8_13_where_do_you_sell_yo.1	1.8.13 Where do you sell your fish??/Regional market	
V794	x1_8_13_where_do_you_sell_yo.2	1.8.13 Where do you sell your fish??/Home	
V795	x1_8_13_where_do_you_sell_yo.3	1.8.13 Where do you sell your fish??/Community market	
V796	x1_8_13_where_do_you_sell_yo.4	1.8.13 Where do you sell your fish??/Wholesale market	
V797	x1_8_13_where_do_you_sell_yo.5	1.8.13 Where do you sell your fish??/Retail market	
V798	x1_8_13_where_do_you_sell_yo.6	1.8.13 Where do you sell your fish??/On foot	
V799	x1_8_14_do_you_own_this_plac	1.8.14 Do you own this place or rent?	
V800	x1_8_15_what_facilities_are_	1.8.15 What facilities are available in the place where you market fish?	
V801	x1_8_15_what_facilities_are_.1	1.8.15 What facilities are available in the place where you market fish?/Cold room	
V802	x1_8_15_what_facilities_are_.2	1.8.15 What facilities are available in the place where you market fish?/Dry room	
V803	x1_8_15_what_facilities_are_.3	1.8.15 What facilities are available in the place where you market fish?/Water	
V804	x1_8_15_what_facilities_are_.4	1.8.15 What facilities are available in the place where you market fish?/Electricity	
V805	x1_8_15_what_facilities_are_.5	1.8.15 What facilities are available in the place where you market fish?/Tables	
V806	x1_8_15_what_facilities_are_.6	1.8.15 What facilities are available in the place where you market fish?/Lock-up/cupboard/lockers	
V807	x1_8_15_what_facilities_are_.7	1.8.15 What facilities are available in the place where you market fish?/Bathrooms	
V808	x1_8_15_what_facilities_are_.8	1.8.15 What facilities are available in the place where you market fish?/Child care centres	
V809	x1_8_15_what_facilities_are_.9	1.8.15 What facilities are available in the place where you market fish?/Others	
V810	x1_8_16_how_often_do_you_sel	1.8.16 How often do you sell at this facility?	
V811	x1_8_17_what_technologies_do	1.8.17 What technologies do you use to do your business related to handling, smoking, drying, chilling, storing, packing material, new transportation methods etc	
V812	x1_818_what_training_have_yo	1.818 What training have you had in the use of the technology? (Enter name of technology)	
V813	x1_8_19_have_you_changed_wha	1.8.19 Have you changed what you do in your business due to changes in the environment (it is hotter, drier, less water in the rivers, less fish)? The result may be reduced catch, more competition to buy fish, non-local fishing people in your area etc	
V814	x1_8_20_how_have_these_chang	1.8.20 How have these changes impacted on your business?	
V815	x1_9_1_are_you_a_member_of_a	1.9.1 Are you a member of a local fisheries organisation?	
V816	x1_9_2_since_what_year_have_	1.9.2 Since what year have you been a member?	
V817	x1_9_3_can_you_tell_me_how_m	1.9.3 Can you tell me how many members there are in your local organisation now?	

ID	Name	Label	Question
V818	x1_9_4_how_many_members_were	1.9.4 How many members were there when you first joined?	
V819	x1_9_5_what_benefits_are_the	1.9.5 What benefits are there of the organisation?	
V820	x1_9_5_what_benefits_are_the.1	1.9.5 What benefits are there of the organisation?/Social benefit	
V821	x1_9_5_what_benefits_are_the.2	1.9.5 What benefits are there of the organisation?/Economic	
V822	x1_9_5_what_benefits_are_the.3	1.9.5 What benefits are there of the organisation?/Political	
V823	x1_9_5_what_benefits_are_the.4	1.9.5 What benefits are there of the organisation?/Representation for women involved in fisheries in the local area	
V824	x1_9_5_what_benefits_are_the.5	1.9.5 What benefits are there of the organisation?/Others	
V825	x1_9_5_1_describe_others	1.9.5.1 Describe others	
V826	x1_9_6_has_the_organisation_	1.9.6 Has the organisation attended local government meetings about any concerns you have with fisheries?	
V827	x1_9_7_what_are_these_concer	1.9.7 What are these concerns?	
V828	x1_9_8_was_the_problem_resol	1.9.8 Was the problem resolved?	
V829	x1_9_9_when_was_the_last_tim	1.9.9 When was the last time you attended a meeting? How long ago was this?	
V830	x1_9_10_do_you_think_an_organ	1.9.10 Do you think an organisation would help increase your voice in dealing with issues in post-harvest handling, processing and selling fish?	
V831	x1_9_11_if_there_was_an_organ	1.9.11 If there was an organisation available locally, would you pay to be a member of it?	
V832	x1_10_1_how_did_you_learn_to	1.10.1 How did you learn to source/buy fish?	
V833	x1_10_2_how_did_you_learn_to	1.10.2 How did you learn to process and store fish?	
V834	x1_10_3_how_did_you_learn_to	1.10.3 How did you learn to use the technologies you use?	
V835	x1_10_4_did_you_receive_any_	1.10.4 Did you receive any special training from projects?	
V836	x1_10_5_how_long_was_the_tra	1.10.5 How long was the training? (In days)	
V837	x1_10_6_what_were_these_new_	1.10.6 What were these new ideas mainly to do with?	
V838	x1_10_6_what_were_these_new_.1	1.10.6 What were these new ideas mainly to do with?/Technology	
V839	x1_10_6_what_were_these_new_.2	1.10.6 What were these new ideas mainly to do with?/Organisation	
V840	x1_10_6_what_were_these_new_.3	1.10.6 What were these new ideas mainly to do with?/Fish handling	
V841	x1_10_6_what_were_these_new_.4	1.10.6 What were these new ideas mainly to do with?/Fish processing	
V842	x1_10_6_what_were_these_new_.5	1.10.6 What were these new ideas mainly to do with?/Fish selling	
V843	x1_10_6_what_were_these_new_.6	1.10.6 What were these new ideas mainly to do with?/Other	
V844	x1_10_6_if_other_what_were_t	1.10.6 If other what were these ideas mainly to do with?	
V845	x1_10_7_what_specific_traini	1.10.7 What specific training would be helpful for you? E.g. fish handling, drying, packaging? Cooking and preparing?	
V846	x1_10_8_do_you_learn_new_ide	1.10.8 Do you learn new ideas from other women in other areas or regions?	
V847	x1_10_9_what_were_these_new_	1.10.9 What were these new ideas mainly to do with?	
V848	x1_10_9_what_were_these_new_.1	1.10.9 What were these new ideas mainly to do with?/Technology	
V849	x1_10_9_what_were_these_new_.2	1.10.9 What were these new ideas mainly to do with?/Organisation	
V850	x1_10_9_what_were_these_new_.3	1.10.9 What were these new ideas mainly to do with?/Fish handling	
V851	x1_10_9_what_were_these_new_.4	1.10.9 What were these new ideas mainly to do with?/Fish processing	
V852	x1_10_9_what_were_these_new_.5	1.10.9 What were these new ideas mainly to do with?/Fish selling	
V853	x1_10_9_what_were_these_new_.6	1.10.9 What were these new ideas mainly to do with?/Other	
V854	id	_id	

total: 372

**Data file: data\_anon\_focus\_groups\_discussions**

Cases: 11

variables: 67

**variables**

ID	Name	Label	Question
V855	x1_1_1_country	1.1.1 Country	
V856	x1_1_2_region	Region	
V857	x1_1_3_district	District	
V858	men	1.2.1 Number of attendees (count of women   count of men) / Men	
V859	women	1.2.1 Number of attendees (count of women   count of men) / Women	
V860	x1_3_1_which_fish_do_you_reg	1.3.1 Which fish do you regularly catch, process, sell?	
V861	x1_3_2_what_fish_do_you_deal	1.3.2 What fish do you deal with in your activities? [list the vernacular names of the fish]	
V862	catch	1.3.3 Which activities do you participate mostly when we talk about fish? Count number of responses per category but only once per person) / Catch	
V863	processing	1.3.3 Which activities do you participate mostly when we talk about fish? Count number of responses per category but only once per person) / Processing	
V864	marketing	1.3.3 Which activities do you participate mostly when we talk about fish? Count number of responses per category but only once per person) / Marketing	
V865	x1_3_4_which_activities_do_y	1.3.4 Which activities do you participate mostly when we talk about fish? (How many in each category from the question 1.3.3)?	
V866	x1_4_1_what_foods_do_you_reg	1.4.1 What foods do you regularly eat? Do you regularly eat fish? (please ask the group say what regular means e.g. every day, every week or ??)	
V867	x1_4_2_what_types_of_fish_do	1.4.2 What types of fish do you eat? What parts of the fish do you eat?	
V868	x1_4_3_from_where_do_you_sou	1.4.3 From where do you source your fish? Is it from local small-scale fishermen? Commercial fisheries? Or perhaps is it imported?)	
V869	x1_4_4_where_are_the_fish_ke	1.4.4 Where are the fish kept that you buy? (e.g. in a cold store, open at the place where the fish are caught? Or other place?)	
V870	x1_4_5_what_are_the_main_pro	1.4.5 What are the main problems with where you get your fish from? (e.g. access problems to the site, limited choices, distance to where you can select fresher fish?)	
V872	x1_5_1_role_in_household_dec	1.5.1 Role in household decision-making around fish-related and other activities	
V873	x1_5_1_1_do_you_think_the_ro	1.5.1.1 Do you think the role of women in household decision-making is very strong?	
V874	x1_5_2_1_who_controls_the_as	1.5.2.1 Who controls the assets that are important in small scale fishing? (Examples are items such as baskets, smoking units, other equipment)	
V875	x1_5_2_2_is_there_a_differen	1.5.2.2 Is there a difference between what men and women have access to or use in small scale fishing?	
V876	x1_5_3_1_have_you_met_with_a	1.5.3.1 Have you met with a fisheries extension service officer in the past 12 months?	
V877	x1_5_3_2_how_many_times_did_	1.5.3.2 How many times did you meet with a fisheries extension service officer in the past 12 months? (enter number)	
V878	x1_5_3_3_have_you_received_a	1.5.3.3 Have you received any training on fishing practices, fish processing and storage methods, fish trading and marketing, or food safety in the past 12 months?	

ID	Name	Label	Question
V879	x1_5_3_4_are_you_able_to_put	1.5.3.4 Are you able to put what you learn in trainings into practice?	
V880	x1_5_3_5_are_fisheries_offic	1.5.3.5 Are fisheries officers and extension agents accessible to women?	
V881	x1_5_3_6_are_fisheries_offic	1.5.3.6 Are fisheries officers or extension agents knowledgeable about gender issues and responsive to women's specific needs?	
V882	x1_5_3_7_are_there_any_issue	1.5.3.7 Are there any issues related to women's access to extension or support services from fisheries officers not already discussed (add the general responses)?	
V883	x1_5_3_8_what_prevented_you_	1.5.3.8 What prevented you from putting skills learned in training into practice?	
V884	x1_5_3_9_what_would_be_neede	1.5.3.9 What would be needed to ensure that information learned in training could be put into practice?	
V885	x1_5_3_10_any_other_general_	1.5.3.10 Any other general discussion on the access of women to training (add the general responses)?	
V886	x1_5_4_1_how_many_of_you_fee	1.5.4.1 How many of you feel comfortable speaking at fisheries governance meetings (e.g. BVCs or BMUs) to help decide on projects and issues affecting any element of to do with fish? (add total in each category)	
V887	x1_5_4_2_how_many_of_you_fee	1.5.4.2 How many of you feel comfortable speaking in public spaces on projects and issues affecting any element to do with fish?	
V888	x1_5_4_3_women_makeup_what_p	1.5.4.3 Women makeup what proportion of the leadership in fisheries governance bodies (e.g. BVCs or BMUs)?	
V889	x1_5_4_4_are_women_in_leader	1.5.4.4 Are women in leadership roles treated with equal respect as men in fisheries governance bodies (e.g. BVCs or BMUs)? (count each response for Yes or No)	
V890	x1_5_4_5_when_and_where_did_	1.5.4.5 When and where did any of you speak in public events (add the general responses)?	
V891	x1_5_4_6_is_your_voice_heard	1.5.4.6 Is your voice heard when speaking up in public fisheries governance bodies and has speaking up led to any changes (have your needs been addressed)?	
V892	x1_5_4_7_are_there_any_other	1.5.4.7 Are there any other issues related to your ability to influence fisheries governance bodies?	
V893	x1_5_5_1_do_women_face_any_g	1.5.5.1 Do women face any gender-based discrimination or hardships in their work in the fishing sector?	
V894	x1_5_5_2_describe_any_forms_	1.5.5.2 Describe any forms of discrimination or hardships women experience in the fishing sector.	
V895	x1_5_5_3_do_women_face_any_g	1.5.5.3 Do women face any gender-based violence when working in the fishing sector?	
V896	x1_5_5_4_are_there_any_syste	1.5.5.4 Are there any systematic efforts to address these issues [any described above] by local, district or central government?	
V897	x1_5_5_5_are_there_any_syste	1.5.5.5 Are there any systematic efforts to address these issues [any described above] by non-state actors?	
V898	x1_5_5_6_describe_any_system	1.5.5.6 Describe any systematic efforts to address these issues [any described above].	
V899	x1_5_5_7_have_gender_relatio	1.5.5.7 Have gender relations (roles, norms, and expectations for men and women) changed in ways that affect the fishing sector?	
V900	x1_5_5_7_describe_any_change	1.5.5.7 Describe any changes that have occurred in gender relations and how they impact women's work in the fishing sector.	
V901	x1_6_1_did_you_sell_any_fish	1.6.1 Did you sell any fish for a lower price than usual? Can you describe what these price differences might be? Do prices rise and fall quite often?	
V902	x1_6_2_on_average_what_was_t	1.6.2 On average what was the low price you received for your fish? Why was this?	
V903	x1_6_3_how_much_fish_did_you	1.6.3 How much fish did you sell for a reduced price? Could you sell more?	

ID	Name	Label	Question
V904	x1_6_4_how_much_fish_did_you	1.6.4 How much fish did you lose (waste)?	
V905	x1_6_5_why_did_you_lose_thro	1.6.5 Why did you lose/throw away fish?	
V906	x1_6_6_please_describe_the_f	1.6.6 Please describe the facility where you bought your fish? Did it have a landing site or other structure?	
V907	x1_6_7_is_the_place_you_boug	1.6.7 Is the place you bought your fish different to the place where you prepare and also sell fish?	
V908	x1_6_8_if_you_process_and_se	1.6.8 If you process and sell in a different place how do you transport the fish from one place to another?	
V909	how_much_of_this_do_you_try_	How much of this do you try to sell fresh?	
V910	how_much_of_this_do_you_try_.1	How much of this do you try to process and sell?	
V911	how_much_do_you_take_home_fo	How much do you take home for home consumption?	
V912	x1_6_10_if_you_process_your_	1.6.10 If you process your fish for sale in a different place to where you sell what are the facilities like there?	
V913	x1_6_11_at_the_places_where_	1.6.11 At the places where you sell what facilities do have access to?	
V914	x1_7_1_how_many_of_you_are_m	1.7.1 How many of you are members of local fisheries organizations? (enumerator counts and then ticks the number)	
V915	x1_7_2_are_organised_groups_	1.7.2 Are organised groups especially important or advantageous for women in the fishing sector? (Majority for "Yes" or "No")	
V916	x1_7_3_if_yes_was_selected_a	1.7.3 If yes was selected above: Why is it especially important for women to be organized into groups in the fishing sector?	
V917	x1_7_4_what_internal_factors	1.7.4 What internal factors (i.e. within the group) are critical to the success of women's organizations in the fishing sector?	
V918	x1_7_5_what_external_factors	1.7.5 What external factors (i.e. the environment that the group operates in) are critical to the success of women's organizations in the fishing sector?	
V919	x1_8_1_do_you_think_training	1.8.1 Do you think training from projects has been useful (for those of you whom have received such training in this and other projects)?	
V920	x1_8_2_what_in_particular_di	1.8.2 What in particular did you find most useful from the training? What do you learn?	
V921	x1_8_3_are_there_any_trainin	1.8.3 Are there any training styles you particularly liked? (styles can vary such as role play, demonstrations or class room based teaching)	
V922	id		

total: 67



**Data file: data\_anon\_kii**

Cases: 18

variables: 47

**variables**

ID	Name	Label	Question
V923	x1_1_1_country	1.1.1 Country	
V924	x1_1_2_region	Region	
V925	x1_1_3_district	District	
V926	x1_2_1_which_type_of_institu	1.2.1 Which type of institution do you work for?	
V927	x1_2_3_are_you_familiar_with	1.2.3. Are you familiar with the Voluntary Guidelines for Securing Sustainable SSF developed by the FAO? Yes/NO. If yes could you say how the SSF Guidelines are used in your work.	
V928	x1_2_4_can_you_please_tell_m	1.2.4 Can you please tell me what the current policies there are in relation to women in SSF that you implement? *	
V929	x1_3_1_can_you_please_tell_m	1.3.1 Can you please tell me what you know about the diet of the people in your area? (Common foods consumed in the community)	
V930	x1_3_2_do_you_feel_that_fish	1.3.2 Do you feel that fish is easily available for the people in this area? Are there some fish that are more available than others?	
V931	x1_3_3_of_the_fish_that_is_a	1.3.3 Of the fish that is available, where is it sourced from? (Local small-scale fishers, commercial fisheries, imported)?	
V932	x1_4_1_1_can_you_tell_me_abo	1.4.1.1 Can you tell me about the role of women in decision-making in small scale fisheries?	
V933	x1_4_2_1_can_you_tell_me_som	1.4.2.1 Can you tell me something from your experience about small scale fisheries women access to productive assets?	
V934	x1_4_2_2_are_there_some_asse	1.4.2.2 Are there some assets that women or men have more access to than others?	
V935	x1_4_3_1_what_extension_serv	1.4.3.1 What extension services are provided for small scale fisheries actors (in fishing and secondary activities) that you know about?	
V936	x1_4_3_2_how_much_of_this_is	1.4.3.2 How much of this is targeted for women?	
V937	x1_4_3_3_do_you_know_what_tr	1.4.3.3 Do you know what training has been provided for women SSF, if any?	
V938	x1_4_4_1_have_you_ever_invit	1.4.4.1 Have you ever invited SSF women to speak or discuss issues that affect their livelihoods in public events or if not then have you participated in such events where SSF women are asked to speak?	
V939	x1_5_5_1_women_should_not_ge	1.5.5.1 Women should not get involved in fishing full time, this is a man's responsibility	
V940	x1_5_5_2_women_should_not_ow	1.5.5.2 Women should not own canoes, fishing nets, and other means to fish	
V941	x1_5_5_3_women_should_primar	1.5.5.3 Women should primarily be the ones who clean and process fish	
V942	x1_5_5_6_women_should_primar	1.5.5.6 Women should primarily be the ones who trade or market fish, not men	
V943	x1_5_5_7_men_should_primaril	1.5.5.7 Men should primarily be the ones who transport fish to a market for sale	
V944	x1_5_5_8_men_should_primaril	1.5.5.8 Men should primarily be the ones who control the earnings/income obtained from the sale of fish	
V945	x1_5_5_9_women_should_primar	1.5.5.9 Women should primarily be the ones who prepare meals (including fish) for the family	
V946	x1_5_5_10_men_should_mostly_	1.5.5.10 Men should mostly be the ones who belong to fisheries clubs, organizations, or associations, not women	

ID	Name	Label	Question
V947	x1_5_5_11_describe_any_forms	1.5.5.11 Describe any forms of discrimination or hardships women experience in the fishing sector.	
V948	x1_5_5_12_would_you_like_to_	1.5.5.12 Would you like to add anything more in this regard?	
V949	x1_6_1_what_are_the_main_iss	1.6.1. What are the main issues you see in accessing fish?	
V950	x1_6_2_do_you_think_there_is	1.6.2 Do you think there is much fish loss and waste in small scale fishery value chains? And how much of a problem is this?	
V951	x1_6_3_what_facilities_exist	1.6.3 What facilities exist for those women involved in SSF post-harvest processing that might reduce waste and loss?	
V952	x1_6_4_and_as_a_following_qu	1.6.4 And as a following question: What are the benefits and challenges with these facilities?	
V953	x1_6_5_what_technologies_do_	1.6.5 What technologies do you know about that those women involved in SSF post-harvest processing might access that are available or could be promoted?	
V954	x1_6_7_does_your_office_inst	1.6.7 Does your office/institution provide training for women in SSF post-harvest handling? And what is this training?	
V955	x1_7_1_do_you_know_if_there_	1.7.1 Do you know if there are any local fisheries organisations for women in your area? How many?	
V956	x1_7_2_do_you_know_anything_	1.7.2 Do you know anything about this organisation or organisations? Such as numbers of members, fee rates etc	
V957	x1_7_3_what_are_the_benefits	1.7.3 What are the benefits that might be derived from these organisations?	
V958	x1_7_4_do_you_know_if_any_wo	1.7.4 Do you know if any women representatives from these organisations have attended local government meetings? Did the women representatives participate or speak in the meeting?	
V959	x1_7_5_can_you_recall_when_t	1.7.5 Can you recall when this was? How long ago?	
V960	x1_7_6_what_was_the_main_rea	1.7.6 What was the main reason for such as meeting? E.g. Environmental (reduction of fish?), Market access?, quality of facilities at market? Prices and fees of market stalls/facilities	
V961	x1_7_7_do_you_think_such_org	1.7.7 Do you think such organisations help increase their voice and your knowledge of what the problems are in dealing with issues in post-harvest handling, processing and selling fish?	
V962	x1_8_1_how_do_you_learn_more	1.8.1 How do you learn more about SSF in your area or region on issues such as sourcing/buying fish?	
V963	x1_8_2_what_in_particular_di	1.8.2 What in particular did you find most useful? What do you learn?	
V964	x1_8_3_how_does_one_learn_to	1.8.3 How does one learn to access and use new technologies? Can extension services help?	
V965	x1_8_4_do_you_know_of_any_sp	1.8.4 Do you know of any special training from projects or government institutions available? (please specify)	
V966	x1_8_5_did_you_have_any_trai	1.8.5 Did you have any training on the SSF Guidelines for example?	
V967	x1_8_6_what_other_specific_t	1.8.6 What other specific training would be helpful for you?	
V968	x1_8_7_have_you_participated	1.8.7 Have you participated in local, regional or international workshops/seminars/ subject meetings in SSF?	
V969	id		

total: 47



**X1\_1\_1\_COUNTRY: 1.1.1 Country****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Tanzania		282	100%

**X1\_1\_2\_REGION: 1.1.2 Region****Data file:** data\_anon\_ind**Overview**

Valid: 278 Invalid: 0

Type: Discrete Width: 11 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Kagera		49	17.6%
Kigoma		55	19.8%
Kilimanjaro		31	11.2%
Lindi		50	18%
Mwanza		50	18%
Tanga		43	15.5%

**X1\_1\_3\_DISTRICT: 1.1.3 District****Data file:** data\_anon\_ind**Overview**

Valid: 269 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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Ilemela		50	18.6%
Kigoma		55	20.4%
Kilwa		51	19%
Muleba		49	18.2%
Mwanga		29	10.8%
Pangani		31	11.5%
Tanga		4	1.5%

## X1\_2\_1\_GENDER\_OF\_RESPONDENT: 1.2.1 Gender of respondent

Data file: data\_anon\_ind

### Overview

Valid: 279 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Female		274	98.2%
Male		5	1.8%

## X1\_2\_2\_WHEN\_IS\_YOUR\_BIRTHDAT: 1.2.2 When is your birthdate?

Data file: data\_anon\_ind

### Overview

Valid: 224 Invalid: 0

Type: Discrete Width: 21 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Between 1950 and 1959		8	3.6%
Between 1960 and 1969		30	13.4%
Between 1970 and 1979		55	24.6%
Between 1980 and 1989		96	42.9%
Between 1990 and 1999		26	11.6%
NA		9	4%

**X1\_2\_3\_MARITAL\_STATUS: 1.2.3 Marital Status****Data file:** data\_anon\_ind**Overview**

Valid: 277 Invalid: 0

Type: Discrete Width: 18 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Married		157	56.7%
No longer married		92	33.2%
Not Married/Single		28	10.1%

**X1\_2\_4\_EDUCATION\_HOW\_MANY\_YE: 1.2.4 Education - How many years of schooling have you had?****Data file:** data\_anon\_ind**Overview**

Valid: 262 Invalid: 20

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	0 years	26	9.9%
2	1-2 years	3	1.1%
3	3-9 years	222	84.7%
4	10-12 years	11	4.2%
Sysmiss		20	

**X1\_2\_5\_HOUSEHOLD\_SIZE: 1.2.5 Household size****Data file:** data\_anon\_ind**Overview**

Valid: 271 Invalid: 11

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Between 1 and 5	126	46.5%
2	Between 6 and 10	139	51.3%
3	More than 10	6	2.2%
Sysmiss		11	

### X1\_3\_1\_WHAT\_IS\_YOUR\_PRIMARY\_: 1.3.1 What is your primary source of income?

Data file: data\_anon\_ind

#### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 72 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
15		1	0.4%
A) fishing and agriculture		2	0.7%
B		1	0.4%
B) Fish processing		1	0.4%
B) fish processing		1	0.4%
B) fish processing and trading		1	0.4%
Boat owner		1	0.4%
D		6	2.1%
D) Fish Processing and trading		1	0.4%
D) Fish processing and trading		3	1.1%
D) fish processing and trading		8	2.8%
Dagaa Processing, Dagaa Trading		1	0.4%
Dagaa Trading		9	3.2%
Dagaa Trading, Fishing(Owns Fishing gears, boats, engines, fishing nets)		1	0.4%
F		1	0.4%
Farming		1	0.4%
Fish Process and trading		1	0.4%
Fish Processing		12	4.3%
Fish Processing and Fish Trading		2	0.7%

Fish Processing and Processing	1	0.4%
Fish Processing and Trading	58	20.6%
Fish Processing, Fish Trading	4	1.4%
Fish Processing, agricultural inputs shop and farming	1	0.4%
Fish Trading	30	10.6%
Fish Trading, Food Vendor	1	0.4%
Fish Trading, Food vendor	1	0.4%
Fish Vending	1	0.4%
Fish Vending, Processing	1	0.4%
Fish buying , processing and marketing	1	0.4%
Fish buying processing and marketing	1	0.4%
Fish buying, processing and marketing	2	0.7%
Fish processing	28	9.9%
Fish processing and Trading	30	10.6%
Fish processing and marketing	1	0.4%
Fish processing and trading	1	0.4%
Fish processing and trading	20	7.1%
Fish processing, Fish trading	1	0.4%
Fish processing, and trading	1	0.4%
Fish processing, buying, fish transport	1	0.4%
Fish processing, /frying	1	0.4%
Fish vending	6	2.1%
Fish/Dagaa Processing, Fish Trading	1	0.4%
Fish/Dagaa Trading	3	1.1%
Fishi Processing and Trading	1	0.4%
Fishing	4	1.4%
Fishing and Marketing	1	0.4%
Fishing and Processing	3	1.1%
Fishing and Trading	2	0.7%
Fishing processing and Trading	3	1.1%
Fishing processing and trading	1	0.4%
Fishing udofi (dagaa)	1	0.4%
Food Vending	5	1.8%
Food Vending and Fish Vending	1	0.4%
Food vending	2	0.7%
Food vending and fish processing	1	0.4%
Kupaa samaki	5	1.8%
Napaa samaki	1	0.4%
Petty business	1	0.4%



**X1\_3\_2\_DO\_YOU\_OR\_ANYONE\_IN\_Y: 1.3.2 Do you or anyone in your household fish?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		177	62.8%
Yes		105	37.2%

**X1\_3\_3\_IF\_YES\_WHO: 1.3.3 If Yes, who?****Data file:** data\_anon\_ind**Overview**

Valid: 105 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Dependent child		18	17.1%
Husband		46	43.8%
Relative		22	21%
Self		19	18.1%

**X1\_3\_4\_DO\_YOU\_OR\_ANYONE\_IN\_Y: 1.3.4 Do you or anyone in your household farm fish?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		276	97.9%
Yes		6	2.1%

### X1\_3\_5\_IF\_YES\_WHO: 1.3.5 If Yes, who?

Data file: data\_anon\_ind

#### Overview

Valid: 6 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Husband		1	16.7%
Relative		3	50%
Self		1	16.7%
Wife		1	16.7%

### X1\_3\_6\_DO\_YOU\_OR\_ANYONE\_IN\_Y: 1.3.6 Do you or anyone in your household process farm fish?

Data file: data\_anon\_ind

#### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
No		247	87.6%
Yes		35	12.4%

### X1\_3\_7\_IF\_YES\_WHO: 1.3.7 If Yes, who?

Data file: data\_anon\_ind

#### Overview

Valid: 35 Invalid: 0

Type: Discrete    Width: 15    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Dependent child		1	2.9%
Relative		2	5.7%
Self		32	91.4%

**X1\_3\_8\_DO\_YOU\_OR\_ANYONE\_IN\_Y: 1.3.8 Do you or anyone in your household market (retail) fish ?**

Data file: data\_anon\_ind

### Overview

Valid: 282    Invalid: 0

Type: Discrete    Width: 3    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		78	27.7%
Yes		204	72.3%

**X1\_3\_9\_IF\_YES\_WHO: 1.3.9 If Yes, who?**

Data file: data\_anon\_ind

### Overview

Valid: 204    Invalid: 0

Type: Discrete    Width: 15    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Dependent child		14	6.9%
Husband		8	3.9%
Relative		10	4.9%
Self		171	83.8%
Wife		1	0.5%

**X1\_3\_10\_DO\_YOU\_OR\_ANYONE\_IN\_: 1.3.10 Do you or anyone in your household trade (wholesale) fish?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		183	64.9%
Yes		99	35.1%

**X1\_3\_11\_IF\_YES\_WHO: 1.3.11 If Yes, who?****Data file:** data\_anon\_ind**Overview**

Valid: 99 Invalid: 0

Type: Discrete Width: 24 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Dependent child		7	7.1%
Husband		11	11.1%
Husband Self		2	2%
Relative		7	7.1%
Relative Dependent child		1	1%
Relative Self		2	2%
Self		65	65.7%
Self Husband		2	2%
Self Relative		1	1%
Wife		1	1%

**X1\_3\_11\_IF\_YES\_WHO\_HUSBAND: 1.3.11 If Yes, who?/Husband****Data file:** data\_anon\_ind

**Overview**

Valid: 99 Invalid: 183

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	84	84.8%
2	Yes	15	15.2%
Sysmiss		183	

**X1\_3\_11\_IF\_YES\_WHO\_WIFE: 1.3.11 If Yes, who?/Wife****Data file:** data\_anon\_ind**Overview**

Valid: 99 Invalid: 183

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	98	99%
2	Yes	1	1%
Sysmiss		183	

**X1\_3\_11\_IF\_YES\_WHO\_DEPENDENT: 1.3.11 If Yes, who?/Dependent child****Data file:** data\_anon\_ind**Overview**

Valid: 99 Invalid: 183

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	91	91.9%
2	Yes	8	8.1%
Sysmiss		183	

**X1\_3\_11\_IF\_YES\_WHO\_RELATIVE: 1.3.11 If Yes, who?/Relative****Data file:** data\_anon\_ind**Overview**

Valid: 99 Invalid: 183

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	88	88.9%
2	Yes	11	11.1%
Sysmiss		183	

**X1\_3\_11\_IF\_YES\_WHO\_SELF: 1.3.11 If Yes, who?/Self****Data file:** data\_anon\_ind**Overview**

Valid: 99 Invalid: 183

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	27	27.3%
2	Yes	72	72.7%
Sysmiss		183	

**X1\_3\_12\_DO\_YOU\_OR\_ANYONE\_IN\_: 1.3.12 Do you or anyone in your household do anything else with fish?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		217	77%
Yes		65	23%

**X1\_3\_13\_IF\_YES\_WHO: 1.3.13 If Yes, who?****Data file:** data\_anon\_ind**Overview**

Valid: 65 Invalid: 0

Type: Discrete Width: 28 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Dependent child		5	7.7%
Dependent child Self		2	3.1%
Husband		5	7.7%
Husband Self		4	6.2%
Relative		11	16.9%
Self		33	50.8%
Self Dependent child		1	1.5%
Self Dependent child Husband		1	1.5%
Self Husband		3	4.6%

**X1\_3\_13\_IF\_YES\_WHO\_HUSBAND: 1.3.13 If Yes, who?/Husband****Data file:** data\_anon\_ind**Overview**

Valid: 65 Invalid: 217

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	52	80%
2	Yes	13	20%
Sysmiss		217	

**X1\_3\_13\_IF\_YES\_WHO\_WIFE: 1.3.13 If Yes, who?/Wife****Data file:** data\_anon\_ind**Overview**

Valid: 65 Invalid: 217

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	65	100%
2	Yes	0	0%
Sysmiss		217	

**X1\_3\_13\_IF\_YES\_WHO\_DEPENDENT: 1.3.13 If Yes, who?/Dependent child****Data file:** data\_anon\_ind**Overview**

Valid: 65 Invalid: 217

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	56	86.2%
2	Yes	9	13.8%
Sysmiss		217	

**X1\_3\_13\_IF\_YES\_WHO\_RELATIVE: 1.3.13 If Yes, who?/Relative****Data file:** data\_anon\_ind**Overview**

Valid: 65 Invalid: 217

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
1	No	54	83.1%
2	Yes	11	16.9%
Sysmiss		217	

### X1\_3\_13\_IF\_YES\_WHO\_SELF: 1.3.13 If Yes, who?/Self

Data file: data\_anon\_ind

#### Overview

Valid: 65 Invalid: 217

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	21	32.3%
2	Yes	44	67.7%
Sysmiss		217	

### X1\_3\_14\_IF\_YOU\_WORK\_WITH\_FIS: 1.3.14 If you work with fish, what are the five to eight main fish species you do deal with in your activities?

Data file: data\_anon\_ind

#### Overview

Valid: 254 Invalid: 0

Type: Discrete Width: 75 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Chafi, changu, kolekole, pono kibua		1	0.4%
Chafi,changu,pono, vibua, taa.		1	0.4%
Changu, chafu damudamu, kolekole. Tasi		1	0.4%
Changu, kolekole, nguru, papa, jodari,mzia		1	0.4%
Changu, nguru, karamamba, tasi, mkundaji, mkizi, chaa, mzia, dagaa		1	0.4%
Changu, tasi, kibua, pono, mkundaji		1	0.4%
Dagaa		41	16.1%
Dagaa (small pelagic), changu, tasi, taa, vibua		1	0.4%

Dagaa and Furu	1	0.4%
Dagaa mchele, dagaa sime	1	0.4%
Dagaa mchele, lumbunga (Dagaa)	1	0.4%
Dagaa mchele, saladini,	1	0.4%
Dagaa mchele, tasi, changu, kolekole,	1	0.4%
Dagaa sime, Dagaa mchele	1	0.4%
Dagaa wa karumba, Migebuga, nyamunyamu	1	0.4%
Dagaa,	1	0.4%
Dagaa, Furu	4	1.6%
Dagaa, Migebuga	3	1.2%
Dagaa, Migebuga, Kuhe,	1	0.4%
Dagaa, Mugebuga	1	0.4%
Dagaa, Mugebuga, Milombo, Kuhe, Sangara	1	0.4%
Dagaa, Saladini,	1	0.4%
Dagaa, Sangara	2	0.8%
Dagaa, Sangara, Furu, uduvi	1	0.4%
Dagaa, Sato, Sangara	1	0.4%
Dagaa, changu, kibua,kolekole	1	0.4%
Dagaa, changu, tasi, gege, taa	1	0.4%
Dagaa, changu, vibua, tasi, kolekole, pweza, ngisi	1	0.4%
Dagaa, fulu	1	0.4%
Dagaa, lumbunga	2	0.8%
Dagaa, lumbunga,sime,saladini,vibua	1	0.4%
Dagaa, migebuga	3	1.2%
Dagaa, msusa, pono, shendea, taa	1	0.4%
Dagaa, saladani, kibua, changu, jordari	1	0.4%
Dagaa, saladine, sime	1	0.4%
Dagaa, saladini, chuchunge, vibua, minendele	1	0.4%
Dagaa, saladini, sime, kolekole,jodari	1	0.4%
Dagaa, saladini, sime, palawe	1	0.4%
Dagaa, saladini, vibua,	1	0.4%
Dagaa, saladini, vibua, changu, sime	1	0.4%
Dagaa, sime, saladini, vibua	1	0.4%
Dagaa, tasi, changu, kolekole, sime	1	0.4%
Dagaa, uono, upapa, ngurwangurwa, vibua	1	0.4%
Dagaa, vibua, saladini, changu, kolekole	1	0.4%
Dagaa,lumbunga, dalidali ,saladini,sime	1	0.4%
Dagaa,migebuga	2	0.8%
Dagaa,migebuga, kuhe, ngege	1	0.4%

Dagaa/Uwono, dagaa/upapa		1	0.4%
Dagaa/uwona		1	0.4%
Dindila, asilia, kuka, shaba		1	0.4%
Fugu, Dagaa, Sangara		1	0.4%
Furu, Sangara, Dagaa		1	0.4%
I'm food vending		1	0.4%
Jodali, songolo,kolekole,tasi, na dagaa		1	0.4%
Kambale, Perege		1	0.4%
Kambare, pelege, ngorongoro, ningu, kuyu, dagaa		1	0.4%
Kangaja, Papa, tasi, sehewa, taa		1	0.4%
Kolekole, chafi, changu kibua, tasi		1	0.4%
Kolekole, jodali, puju, songolo,kibua		1	0.4%
Kuka, dindila, asilia		1	0.4%
Kuka, shaba, asilia		1	0.4%
Kuka, shaba, asilia, kambare		1	0.4%
Kuka/Perege,		1	0.4%
Mgebuka, Kungula, Ndugu, Milombo, Sangara		1	0.4%
Mgebuka, Kungura, Ngege, Nyika, Kambale, Ndubu		1	0.4%
Mgebuka, Ngege, Kambale, Nonzi, Kuhe, Dagaa		1	0.4%
Mgebuka, Sangara, Mgebuka, Nyika, Kuhe, Masembe		1	0.4%
Mgebuka		1	0.4%
Mgebuka, Dagaa		5	2%
Mgebuka, Dagaa, Kuhe, Sangara, Kavungwe, Nyika		1	0.4%
Mgebuka, Dagaa, Kungura, Kuhe, Nonzi, Singa		1	0.4%
Mgebuka, Dagaa, Sangara, Kuhe, Nonzi		1	0.4%
Mgebuka, Kuhe, Manje, Dagaa, Nonzi, Sangara		1	0.4%
Mgebuka, Kungula, Dagaa		1	0.4%
Mgebuka, Kungura, Nonzi, Milombo, Kuhe		1	0.4%
Mgebuka, Masembe		1	0.4%
Mgebuka, Nonzi, Sangara, Ngege		1	0.4%
Mgebuka, Nozi, Kuhe, Dagaa		1	0.4%
Mgebuka, Sangara,		1	0.4%
Mgebuka, Sangara, Nonzi, Kungura, Kuhe, Mlombo		1	0.4%
Mgebuka, Sangara, Nozi		1	0.4%
Mgebuka, Singa, Sangara, Mgebuka, Mlombo		1	0.4%
Mgebuka, dagaa		1	0.4%
Mgebuka, dagaa, Sangara, Nanzi, Kuhe		1	0.4%
Mgebuka,dagaa		2	0.8%
Mgebuka,dagaa wabichi		1	0.4%

Mikeke, dagaa, Migebuga	1	0.4%
Mugebuga, Dagaa, Nungi, Masembe	1	0.4%
Mugebuga, Kuhe,Sangara, Kambare, Milombo	1	0.4%
Mugebuga, Kungura, Nonzi, Sangara, Ndubu	1	0.4%
Mugebuga, Sangara, Dagaa	1	0.4%
Mugebuga, Sangara, Sato, Kungura, Dagaa	1	0.4%
Nile perch	5	2%
Nile perch, nile tilapia, dagaa	1	0.4%
No	2	0.8%
Nyanda,mbili kamili, mbili na nusu	1	0.4%
Only dagaa	1	0.4%
Only dagaaa	1	0.4%
Papa, uono,misusa, mahongwe,ngulangula,taa	1	0.4%
Pelege	1	0.4%
Perege	3	1.2%
Perege and Kambale	1	0.4%
Perege and asilia	3	1.2%
Perege na kambale	1	0.4%
Perege,	1	0.4%
Perege, Gogogo, Kambale	1	0.4%
Perege, asilia and kambale	3	1.2%
Pweza, changu, tasi, kolekole,	1	0.4%
Sangara	19	7.5%
Sangara, Dagaa	2	0.8%
Sangara, Dagaa, Sato,	1	0.4%
Sangara, Hongwe, Sato, Dagaa	1	0.4%
Sangara, Mugebuga, Kuhe, Sembe, Nonzi	1	0.4%
Sangara, Sato	3	1.2%
Sangara, Sato, Dagaa	4	1.6%
Sangara, Sato, Dagaa, Hongwe	2	0.8%
Sangara, Sato, Dagaa, Shonzi, Ningere	1	0.4%
Sangara, Sato, Dagaa, Ungwe	1	0.4%
Sangara,Furu, Dagaa	1	0.4%
Sardines	1	0.4%
Sardines only	1	0.4%
Sardines, Red snapper, Kolekole, Octopus, Kambamiti	1	0.4%
Sardines, kibua, changu, pono, msusa, tasi	1	0.4%
Sardines, msusa, kibua, kolekole, upapa, nguru	1	0.4%
Sardines, upapa, msusa, vibua, taa	1	0.4%

Sardines, vibua, sehewa, upapa, nguru, jodari	1	0.4%
Sato, Dagaa, Sangara,	1	0.4%
Sato, Sangara	2	0.8%
Sato, Sangara, Dagaa	1	0.4%
Sato, Sangara, Gogogo, Dagaa	1	0.4%
Sato, Sangara, Hongwa	1	0.4%
Sehewa, Chafi, Ngisi, Pweza, Sardines	1	0.4%
Shimba (uduvi)	1	0.4%
Shrimp/duvi	1	0.4%
Songolo, changu, chewa, kifimbo, tasi	1	0.4%
Tasi, changu	1	0.4%
Tasi, changu, vibua, ngwalala, dagaa lumbunga,	1	0.4%
Tasi, kibua, sehewa, dagaa	1	0.4%
Tasi, kolekole, changu, jodali na mkundaji	1	0.4%
Tasi, kolekole, dagaa, vibua, ngisi	1	0.4%
Tasi, kolekole, kibua, changu, mchone	1	0.4%
Tilapia	1	0.4%
Tilapia, Kambale	1	0.4%
Tilapia, Kuka	1	0.4%
Tilapia, Nile perch	1	0.4%
Udufi	1	0.4%
Udufi (dagaa)	2	0.8%
Uduvi, dagaa	1	0.4%
Uono	3	1.2%
Uono, Chewa, Changu, Msusa, Pono, Ngalengale	1	0.4%
Uono, Pono, Kibua, Msusa, Sehewa, Changu, Chafi, Sardines	1	0.4%
Uono, Sehewa, Chafi, Chewa	1	0.4%
Uono, Tasi, Kolekole, Ngisi, Pweza, Vibua, Nguru	1	0.4%
Upapa, dagaa, shendea, vibua, msusa	1	0.4%
Upapa, uono, vibua, changu, msusa	1	0.4%
Uwono, upapa, hongwe	1	0.4%
Uwono, upapa, vibua, msusa, ngurwangurwa, shendea, sehewa, nyunwa, mapooza	1	0.4%
Uwono/dagaa, vibua, upapa, ngurwangurwa	1	0.4%
fishing only dagaa	1	0.4%

### X1\_3\_15\_WHAT\_DO\_YOU\_DO\_WITH\_ : 1.3.15 What do you do with the fish? Do you do any of the following or all of them?

Data file: data\_anon\_ind

## Overview

Valid: 278 Invalid: 0

Type: Discrete Width: 81 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All aspects of the business		2	0.7%
All aspects of the business Buy Store/Refrigeration/Dry/Other Sell/Market Process		1	0.4%
Buy Process		1	0.4%
Buy Process Sell/Market		99	35.6%
Buy Process Sell/Market All aspects of the business Store/Refrigeration/Dry/Other		2	0.7%
Buy Process Sell/Market Store/Refrigeration/Dry/Other		15	5.4%
Buy Process Sell/Market Store/Refrigeration/Dry/Other All aspects of the business		2	0.7%
Buy Process Store/Refrigeration/Dry/Other		1	0.4%
Buy Process Store/Refrigeration/Dry/Other Sell/Market		3	1.1%
Buy Sell/Market		56	20.1%
Buy Sell/Market Process		10	3.6%
Buy Sell/Market Process Store/Refrigeration/Dry/Other		1	0.4%
Buy Sell/Market Store/Refrigeration/Dry/Other		5	1.8%
Buy Store/Refrigeration/Dry/Other Process Sell/Market		5	1.8%
Buy Store/Refrigeration/Dry/Other Process Sell/Market All aspects of the business		4	1.4%
Buy Store/Refrigeration/Dry/Other Sell/Market		11	4%
Process		16	5.8%
Process Buy		1	0.4%
Process Buy Sell/Market		4	1.4%
Process Sell/Market		15	5.4%
Process Sell/Market Buy		6	2.2%
Process Sell/Market Buy Store/Refrigeration/Dry/Other		1	0.4%
Process Sell/Market Store/Refrigeration/Dry/Other		1	0.4%
Sell/Market		6	2.2%
Sell/Market Buy		5	1.8%
Sell/Market Buy Process		1	0.4%
Sell/Market Process		1	0.4%
Sell/Market Process Store/Refrigeration/Dry/Other		1	0.4%
Store/Refrigeration/Dry/Other Process		1	0.4%
Store/Refrigeration/Dry/Other Process Sell/Market		1	0.4%

**X1\_3\_15\_WHAT\_DO\_YOU\_DO\_WITH\_.1: 1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Buy****Data file:** data\_anon\_ind**Overview**

Valid: 278 Invalid: 4

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	44	15.8%
2	Yes	234	84.2%
Sysmiss		4	

**X1\_3\_15\_WHAT\_DO\_YOU\_DO\_WITH\_.2: 1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Store/Refrigeration/Dry/Other****Data file:** data\_anon\_ind**Overview**

Valid: 278 Invalid: 4

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	223	80.2%
2	Yes	55	19.8%
Sysmiss		4	

**X1\_3\_15\_WHAT\_DO\_YOU\_DO\_WITH\_.3: 1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Process****Data file:** data\_anon\_ind**Overview**

Valid: 278 Invalid: 4

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	85	30.6%
2	Yes	193	69.4%
Sysmiss		4	

### X1\_3\_15\_WHAT\_DO\_YOU\_DO\_WITH\_4: 1.3.15 What do you do with the fish? Do you do any of the following or all of them?/Sell/Market

Data file: data\_anon\_ind

#### Overview

Valid: 278 Invalid: 4

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	22	7.9%
2	Yes	256	92.1%
Sysmiss		4	

### X1\_3\_15\_WHAT\_DO\_YOU\_DO\_WITH\_5: 1.3.15 What do you do with the fish? Do you do any of the following or all of them?/All aspects of the business

Data file: data\_anon\_ind

#### Overview

Valid: 278 Invalid: 4

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	267	96%
2	Yes	11	4%
Sysmiss		4	

### X1\_3\_16\_WHAT\_IS\_YOUR\_ESTIMAT: 1.3.16 What is your estimated income per month from all income sources?

Data file: data\_anon\_ind



## Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 16 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
100003.330579464		1	0.4%
100003.412201717		1	0.4%
100003.700050917		1	0.4%
100004.302079923		1	0.4%
100005.010337589		1	0.4%
100005.089851047		1	0.4%
100012.370011842		1	0.4%
100014.184298004		1	0.4%
100016.832035172		1	0.4%
100020.980978515		1	0.4%
100021.629038216		1	0.4%
100023.40525645		1	0.4%
100027.281135181		1	0.4%
100036.187227025		1	0.4%
100036.747697376		1	0.4%
10004.5135546307		1	0.4%
100048.183518408		1	0.4%
100058.221870215		1	0.4%
10032.0296586672		1	0.4%
10035.4437181732		1	0.4%
110005.230624019		1	0.4%
110019.023996157		1	0.4%
11977.37039015		1	0.4%
11987.3130716064		1	0.4%
119979.204111439		1	0.4%
119979.583319752		1	0.4%
119983.302719728		1	0.4%
119986.840971295		1	0.4%
119991.734452861		1	0.4%
120001.179443238		1	0.4%
120002.428487336		1	0.4%
120007.69019904		1	0.4%

120012.458226496		1	0.4%
120013.510964045		1	0.4%
120014.968653866		1	0.4%
120017.13309018		1	0.4%
120034.016861518		1	0.4%
120065.728210261		1	0.4%
12496.9404886158		1	0.4%
129996.092109515		1	0.4%
140040.875076303		1	0.4%
14977.290616789		1	0.4%
14985.8503107285		1	0.4%
149949.432112711		1	0.4%
149975.946680828		1	0.4%
149976.890472572		1	0.4%
149977.064015755		1	0.4%
149980.104743869		1	0.4%
149980.683107905		1	0.4%
149980.696020849		1	0.4%
149981.381397293		1	0.4%
149986.351319746		1	0.4%
149990.090392227		1	0.4%
149992.218967137		1	0.4%
149993.600889674		1	0.4%
149993.702082107		1	0.4%
149995.320512938		1	0.4%
149996.182708092		1	0.4%
149999.336661347		1	0.4%
149999.633952297		1	0.4%
150003.371209837		1	0.4%
150005.01914784		1	0.4%
150008.558836102		1	0.4%
150010.969625629		1	0.4%
150012.698388316		1	0.4%
150013.374219426		1	0.4%
150013.85514597		1	0.4%
150014.338142211		1	0.4%
150014.366480034		1	0.4%
150022.403774259		1	0.4%
150023.317717246		1	0.4%

150027.167518858		1	0.4%
150029.339017693		1	0.4%
150039.565280719		1	0.4%
150054.917182189		1	0.4%
15011.463428095		1	0.4%
15011.8527131276		1	0.4%
15029.127222894		1	0.4%
160019.136984205		1	0.4%
169986.415800037		1	0.4%
179959.607702922		1	0.4%
180026.806604255		1	0.4%
18019.4622703309		1	0.4%
189991.821739601		1	0.4%
190008.245187185		1	0.4%
19964.8321070441		1	0.4%
19967.5079426551		1	0.4%
19969.817665279		1	0.4%
19986.7054471854		1	0.4%
19988.3905713926		1	0.4%
19993.041698868		1	0.4%
199937.421381218		1	0.4%
199978.105076765		1	0.4%
199983.294527297		1	0.4%
199989.978145987		1	0.4%
199994.521060098		1	0.4%
199999.876924275		1	0.4%
200003.659298278		1	0.4%
2000059.46805707		1	0.4%
200006.753254118		1	0.4%
200008.416902113		1	0.4%
200010.24693179		1	0.4%
200013.127120241		1	0.4%
200013.913715016		1	0.4%
200013.976038823		1	0.4%
200017.019718377		1	0.4%
200045.344333104		1	0.4%
20005.1509972544		1	0.4%
20005.5026580491		1	0.4%
20009.1664516222		1	0.4%

20034.02523023		1	0.4%
20036.3835973165		1	0.4%
210005.533290149		1	0.4%
24963.9789414932		1	0.4%
24996.7627576642		1	0.4%
250006.216437576		1	0.4%
250015.167322896		1	0.4%
25005.8230180326		1	0.4%
275983.099713006		1	0.4%
279984.054271074		1	0.4%
280012.448026634		1	0.4%
29972.2626505062		1	0.4%
29975.0293043565		1	0.4%
29977.8833406739		1	0.4%
29978.5085625173		1	0.4%
29978.6860598745		1	0.4%
29979.8193437573		1	0.4%
29985.5682555717		1	0.4%
29990.1156526898		1	0.4%
29992.6897278325		1	0.4%
29992.7031244961		1	0.4%
299949.957352309		1	0.4%
299978.990416909		1	0.4%
299982.652279118		1	0.4%
299988.536886251		1	0.4%
299993.365193039		1	0.4%
299993.538866094		1	0.4%
299994.801581226		1	0.4%
299995.425402789		1	0.4%
299996.349075649		1	0.4%
299997.837343907		1	0.4%
299998.009689693		1	0.4%
299998.852713339		1	0.4%
300003.905785194		1	0.4%
300004.687469424		1	0.4%
300004.779723803		1	0.4%
300009.677785823		1	0.4%
300013.89696266		1	0.4%
300033.471595274		1	0.4%

300033.992628158		1	0.4%
30006.3656094467		1	0.4%
30011.2300750733		1	0.4%
30012.9299912663		1	0.4%
30013.2948417379		1	0.4%
30017.5156571118		1	0.4%
30020.2179221297		1	0.4%
30041.2912830495		1	0.4%
349981.657190893		1	0.4%
35000.1374767662		1	0.4%
350018.247128983		1	0.4%
360013.368259219		1	0.4%
39972.6296173812		1	0.4%
39989.552316301		1	0.4%
39992.4760441879		1	0.4%
39993.6950610489		1	0.4%
399971.138951273		1	0.4%
399979.88488005		1	0.4%
399996.61065434		1	0.4%
400009.264948605		1	0.4%
400024.22944755		1	0.4%
40013.3019955252		1	0.4%
40028.6578268621		1	0.4%
40033.1654555566		1	0.4%
4976.31017593379		1	0.4%
49967.0889514828		1	0.4%
49970.5726192426		1	0.4%
49976.6256433355		1	0.4%
49976.7119856895		1	0.4%
49977.9146826764		1	0.4%
49982.9398636372		1	0.4%
49984.5755665494		1	0.4%
49986.6442453527		1	0.4%
49989.0974987367		1	0.4%
49990.9157352601		1	0.4%
49994.4714952622		1	0.4%
49994.9165582043		1	0.4%
499984.879634775		1	0.4%
49999.4573510015		1	0.4%

499996.367762761		1	0.4%
50000.5114403611		1	0.4%
500005.425403476		1	0.4%
50001.2856227264		1	0.4%
500014.052284826		1	0.4%
50002.2091282464		1	0.4%
50002.6743721101		1	0.4%
500026.62013244		1	0.4%
500028.570748032		1	0.4%
500041.765068841		1	0.4%
50005.0410685687		1	0.4%
50006.3634577799		1	0.4%
50006.9318789358		1	0.4%
50007.0914044273		1	0.4%
50009.0502562428		1	0.4%
50013.3374203029		1	0.4%
50016.9577717788		1	0.4%
50017.8540887117		1	0.4%
50018.3504276124		1	0.4%
50019.9750515518		1	0.4%
50021.9851811833		1	0.4%
50032.6845487958		1	0.4%
50042.3054047734		1	0.4%
580021.248529328		1	0.4%
59935.5152012443		1	0.4%
59976.1752968133		1	0.4%
59976.9076591122		1	0.4%
59977.865836917		1	0.4%
59983.5255656172		1	0.4%
59990.531801792		1	0.4%
59990.7077341558		1	0.4%
59993.3376824639		1	0.4%
59993.6762971919		1	0.4%
59994.4030107265		1	0.4%
59996.4540024195		1	0.4%
59996.5338374906		1	0.4%
599989.680047576		1	0.4%
60000.5887292864		1	0.4%
60000.8624967043		1	0.4%

600000.953235549		1	0.4%
600007.411419304		1	0.4%
600008.161414497		1	0.4%
60001.3162316482		1	0.4%
600022.691134655		1	0.4%
600035.479144534		1	0.4%
60005.7383331089		1	0.4%
60006.7109061753		1	0.4%
60008.0777282757		1	0.4%
60009.9862889566		1	0.4%
69979.7567147366		1	0.4%
69981.3326268884		1	0.4%
70032.865505164		1	0.4%
70041.0497731412		1	0.4%
70041.6668118097		1	0.4%
72008.2545616868		1	0.4%
79987.5769070569		1	0.4%
79987.7460019684		1	0.4%
79989.7121064711		1	0.4%
799959.592129594		1	0.4%
799993.940252238		1	0.4%
80000.1423740638		1	0.4%
80007.6774849242		1	0.4%
80007.9634242629		1	0.4%
80013.4262144335		1	0.4%
80027.0706620886		1	0.4%
80036.0210269105		1	0.4%
83999.4759210895		1	0.4%
89984.404973634		1	0.4%
89984.5177170386		1	0.4%
89990.2133336139		1	0.4%
89992.010584072		1	0.4%
89994.1303472657		1	0.4%
89996.1151495293		1	0.4%
90001.4504936579		1	0.4%
90003.1637637583		1	0.4%
90027.5339882813		1	0.4%
9986.16383990689		1	0.4%
9995.2402241185		1	0.4%

99956.519392759		1	0.4%
99961.1424859942		1	0.4%
99971.1157414301		1	0.4%
99975.1828406492		1	0.4%
99980.1680165119		1	0.4%
99981.8263259343		1	0.4%
99982.1241186065		1	0.4%
99985.9920771203		1	0.4%
99987.013623754		1	0.4%
99989.2682481025		1	0.4%
99991.7078846571		1	0.4%
99993.5300178156		1	0.4%
999954.591243709		1	0.4%
999957.373518579		1	0.4%
999988.226540754		1	0.4%
99999.6980685683		1	0.4%

### X1\_3\_17\_WHAT\_IS\_YOUR\_ESTIMAT: 1.3.17 What is your estimated income per month from fishery activities?

Data file: data\_anon\_ind

#### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 16 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
100000.249022661		1	0.4%
1000001.75542333		1	0.4%
100001.542581485		1	0.4%
100002.425570525		1	0.4%
100003.970907385		1	0.4%
100004.112784825		1	0.4%
100004.642233365		1	0.4%
100005.369920106		1	0.4%
100005.427608204		1	0.4%
100006.028730924		1	0.4%
100008.381651777		1	0.4%



100011.462610761		1	0.4%
100016.654958491		1	0.4%
100018.411009154		1	0.4%
100018.66342434		1	0.4%
100022.684407809		1	0.4%
100025.028220956		1	0.4%
100027.454531519		1	0.4%
100034.516971385		1	0.4%
100037.848592558		1	0.4%
10010.2302889247		1	0.4%
11976.0589564103		1	0.4%
119978.102577735		1	0.4%
119990.137183279		1	0.4%
119993.054741697		1	0.4%
119999.70024426		1	0.4%
120002.60949923		1	0.4%
120008.364193129		1	0.4%
120012.9786737		1	0.4%
120022.082677049		1	0.4%
120027.815196424		1	0.4%
12008.5172747216		1	0.4%
12485.0673174586		1	0.4%
129986.712231217		1	0.4%
139986.139458947		1	0.4%
14991.6282290001		1	0.4%
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14992.3989489163		1	0.4%
14997.5671717225		1	0.4%
149978.337013544		1	0.4%
149978.409703337		1	0.4%
149982.03218104		1	0.4%
149983.798519179		1	0.4%
149984.414078039		1	0.4%
149984.908111278		1	0.4%
149985.603936264		1	0.4%
149986.346843064		1	0.4%
149988.660542851		1	0.4%
149992.833739182		1	0.4%
149993.801989281		1	0.4%

149994.099878869		1	0.4%
149997.669694174		1	0.4%
1499976.5782319		1	0.4%
149999.212301579		1	0.4%
149999.848435631		1	0.4%
150002.8944041		1	0.4%
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150006.167556874		1	0.4%
150011.190617973		1	0.4%
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150015.28344416		1	0.4%
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20015.8805903017		1	0.4%
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24995.4069943915		1	0.4%
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60022.1670946816		1	0.4%
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70007.0990561092		1	0.4%
70007.5450174983		1	0.4%
70008.1763300634		1	0.4%
71982.0639842511		1	0.4%
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79972.5423417934		1	0.4%
79976.3616187733		1	0.4%
79979.1366383725		1	0.4%
799989.917509186		1	0.4%
79999.5340085096		1	0.4%
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89990.3457553815		1	0.4%
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99974.3707158203		1	0.4%
99978.7134929078		1	0.4%
99983.788430351		1	0.4%
99985.5754689805		1	0.4%
99986.2007127158		1	0.4%
9999.08127980348		1	0.4%
99990.4491512141		1	0.4%
99991.2273009143		1	0.4%
99991.4843556775		1	0.4%
99995.8599511654		1	0.4%
99996.7156464135		1	0.4%
99999.3257296148		1	0.4%
99999.7852855814		1	0.4%

**X1\_YOU\_WERE\_WORRIED\_YOU\_WOUL: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources?: 1.You were worried you would not have enough food to eat?**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Don't Know		1	0.4%
No		54	19.1%
Yes		227	80.5%

**X2\_YOU\_WERE\_UNABLE\_TO\_EAT\_HE: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources?: 2.You were unable to eat healthy and nutritious food?**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		76	27%
Yes		206	73%

**X3\_YOU\_ATE\_ONLY\_A\_FEW\_KINDS\_: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources?: 3.You ate only a few kinds of foods?**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		53	18.8%
Yes		229	81.2%

**X4\_YOU\_HAD\_TO\_SKIP\_A\_MEAL: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?4. You had to skip a meal?**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Don't Know		2	0.7%
No		71	25.2%
Yes		209	74.1%

**X5\_YOU\_ATE\_LESS\_THAN\_YOU\_THO: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources:?5. You ate less than you thought you should?**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		63	22.3%
Yes		219	77.7%

**X6\_YOUR\_HOUSEHOLD\_RAN\_OUT\_OF: 6. Your household ran out of food?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Don't Know		1	0.4%
No		104	36.9%
Yes		177	62.8%

**X7\_YOU\_WERE\_HUNGRY\_BUT\_DID\_N: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources?:?7. You were hungry but did not eat?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		95	33.7%
Yes		187	66.3%

**X8\_YOU\_WENT\_WITHOUT\_EATING\_F: 1.4.1.1 During the last 12 months, was there a time when, because of lack of money or other resources?:?8. You went without eating for a whole day?****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Don't Know		1	0.4%
No		190	67.4%
Yes		91	32.3%

**X01\_GRAINS\_AND\_STAPLE\_FOODS\_ : 1.4.2.1 Yesterday, did you eat any of the following foods? 01 grains and staple foods made from grains: Bread, rice, waakye, jollof, fried rice, rice balls, or rice porridge, kenkey, banku, touzaafi, hausa koko, akple, roasted maize, boiled maize, or tom**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		25	8.9%
Yes		257	91.1%

**X02\_WHITE\_ROOTS\_TUBERS\_AND\_P: 1.4.2.1 Yesterday, did you eat any of the following foods? 02 white roots, tubers and plantains: Fufu, gari, kokonte, or cassava, yam, cocoyam, plantain, or sweet potato**

Data file: data\_anon\_ind

### Overview

Valid: 277 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		165	59.6%
Yes		112	40.4%

**X03\_LEGUMES\_PULSES\_BEANS\_OR\_ : 1.4.2.1 Yesterday, did you eat any of the following foods? 03 legumes/pulses: Beans or bambara beans**

Data file: data\_anon\_ind

## Overview

Valid: 278 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		162	58.3%
Yes		116	41.7%

**X04\_NUTS\_SEEDS\_GROUNDNUTS\_GR: 1.4.2.1 Yesterday, did you eat any of the following foods? 04 nuts & seeds: Groundnuts, groundnut paste, groundnut soup, kulikuli, agushi stew, neri soup, or cashew**

Data file: data\_anon\_ind

## Overview

Valid: 275 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		237	86.2%
Yes		38	13.8%

**X05\_VITAMIN\_A\_RICH\_ORANGE\_VE: 1.4.2.2 Yesterday, did you eat any of the following vegetables? 05 vitamin A-rich orange vegetables: Carrot, or yellow or orange-colored sweet potato**

Data file: data\_anon\_ind

## Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		189	67%
Yes		93	33%

**X06\_DARK\_GREEN\_LEAFY\_VEGETAB: 1.4.2.2** Yesterday, did you eat any of the following vegetables? 06 dark green leafy vegetables: Cocoyam leaves, alefu, ademe, ayoyo, potato leaves, cassava leaves, or bokoboko

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		158	56%
Yes		124	44%

**X07\_OTHER\_VEGETABLES\_TOMATO : 1.4.2.2** Yesterday, did you eat any of the following vegetables? 07 other vegetables: Tomato, okro, garden eggs, cabbage, sweet green pepper or lettuce

Data file: data\_anon\_ind

### Overview

Valid: 274 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		101	36.9%
Yes		173	63.1%

**X08\_VITAMIN\_A\_RICH\_FRUITS\_MA: 1.4.2.3** Yesterday, did you eat any of the following fruits? 08 vitamin A-rich fruits: Mango, papaya, or alasa

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		139	49.3%
Yes		143	50.7%

**X09\_OTHER\_FRUITS\_BANANA\_PINE: 1.4.2.3** Yesterday, did you eat any of the following fruits?  
**09 Other fruits: Banana, pineapple, avocado pear, watermelon, apple, or guava, orange, tangerine, soursop, coconut, yoyi, baobab, D-ball, ebony fruit, or shea fruit**

Data file: data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		155	55%
Yes		127	45%

**X10\_EGGS: 1.4.2.4** Yesterday, did you eat any of the following foods of animal origin? **10 eggs**

Data file: data\_anon\_ind

### Overview

Valid: 281 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		269	95.7%
Yes		12	4.3%

**X11\_CHEESE\_CHEESE\_CURDS\_OR\_W: 1.4.2.4** Yesterday, did you eat any of the following foods

**of animal origin? 11 cheese -Cheese curds or wagashi****Data file:** data\_anon\_ind**Overview**

Valid: 275 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		273	99.3%
Yes		2	0.7%

**X12\_YOGURT\_BRUKINA\_OR\_DRINK\_ : 1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 12 yogurt - Brukina or drink yogurt****Data file:** data\_anon\_ind**Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		272	97.1%
Yes		8	2.9%

**X13\_RED\_MEAT\_BEEF\_GOAT\_SHEEP: 1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 13 Red meat: Beef, goat, sheep, liver, or intestines, pork, grasscutter, rabbit, or bushmeat****Data file:** data\_anon\_ind**Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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No		247	88.2%
Yes		33	11.8%

#### **X14\_POULTRY\_CHICKEN\_GIZZARD\_ : 1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 14 poultry - Chicken, gizzard, or guinea fowl**

Data file: data\_anon\_ind

##### **Overview**

Valid: 264 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

##### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		258	97.7%
Yes		6	2.3%

#### **X15\_FISH\_SEAFOOD\_FISH\_DRIED\_ : 1.4.2.4 Yesterday, did you eat any of the following foods of animal origin? 15 Fish seafood: Fish, dried fish, koobi, anchovies, amane, crab, or shrimp**

Data file: data\_anon\_ind

##### **Overview**

Valid: 264 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

##### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		45	17%
Yes		219	83%

#### **X16\_SAVORY\_AND\_SALTY\_SNACKS\_ : 1.4.2.5 Yesterday, did you eat any of the following snacks? 16 Savory and Salty snacks: Packaged yellow plantain chips or potato chips, or Pringles, or indomie**

Data file: data\_anon\_ind

##### **Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		260	92.9%
Yes		20	7.1%

**X17\_SWEETS\_CAKES\_BISCUITS\_TO: 1.4.2.5** Yesterday, did you eat any of the following snacks? 17 Sweets: Cakes, biscuits, toogbee, bofrot, or rock bun, Toffees, chocolate, or ice cream

Data file: data\_anon\_ind

### Overview

Valid: 281 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		258	91.8%
Yes		23	8.2%

**X18\_FRUID\_MILK\_DID\_YOU\_USE\_T: 1.4.2.6** Yesterday, did you have any of the following beverages? 18 Fruid milk: Did you use tin milk or powdered milk?

Data file: data\_anon\_ind

### Overview

Valid: 279 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		263	94.3%
Yes		16	5.7%

**X19\_SWEETENED\_TEA\_COFFEE\_MIL: 1.4.2.6** Yesterday, did you have any of the following

**beverages? 19 sweetened tea/ coffee/ milk drinks: Milo, tea with sugar, or coffee with sugar****Data file:** data\_anon\_ind**Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		96	34.3%
Yes		184	65.7%

**X20\_SUGAR\_SWEETENED\_BEVERAGE: 1.4.2.6 Yesterday, did you have any of the following beverages? 20 Sugar sweetened beverages: Soft drinks or malts, such as Coke, Fanta, Sprite, or Alvaro****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		224	79.4%
Yes		58	20.6%

**X21\_INSECTS\_ADD\_FOODS\_COMMON: 1.4.2.7 Yesterday, did you eat any of the following other foods? 21 insects - - Add foods commonly consumed insects, if applicable****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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No		271	96.1%
Yes		11	3.9%

**X22\_CONDIMENTS\_AND\_SEASONING: 1.4.2.7 Yesterday, did you eat any of the following other foods? 22 condiments and seasonings - - Add foods commonly consumed in small quantities smaller than 15g-**

**Data file:** data\_anon\_ind

### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		260	92.2%
Yes		22	7.8%

**X1\_5\_1\_WHICH\_SPECIES\_OF\_FISH: 1.5.1 Which species of fish do you consume in the household? For each species, which parts do you consume?**

**Data file:** data\_anon\_ind

### Overview

Valid: 282

Type: Discrete Width: 118 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
All fish but I like it heard of fish		1	0.4%
All fish species and eaten whole fish		1	0.4%
All fish species are whole eaten		1	0.4%
All fish species eat as whole		1	0.4%
All fish species eaten whole		1	0.4%
All four fish species are whole eaten		1	0.4%
All parts are eaten as whole		1	0.4%
All species of fish are eaten as whole		1	0.4%
Asilia, kuka,shaba, dindila		1	0.4%
Bangra/kibua whole		1	0.4%

Blue fish, whole fish		1	0.4%
Chafi, Ngisi, Chewa, Pweza		1	0.4%
Chafi, mchone, nguru, sehewa, jodari, pono, chewa		1	0.4%
Chafi, vibua, dagaa whole part		1	0.4%
Changu , I like to eat stomach		1	0.4%
Changu, Pono, Msusa		1	0.4%
Changu, chafi, pono, head		1	0.4%
Changu, chafi, pono, ngisi		1	0.4%
Changu, jodari, nguru, vibua, dagaa Prefers middle part		1	0.4%
Changu, kolekole, pono		1	0.4%
Changu, kolekole, tasi, vibua, jodari, the whole part of fish		1	0.4%
Changu, mchone, sehewa, duvi Whole fish or middle part		1	0.4%
Changu, ngisi, head		1	0.4%
Changu, nguru, msusa, kolekole, parts head		1	0.4%
Changu, saladini, ngisi, dagaa mchele, lumbunga. No specific chooce I eat any part		1	0.4%
Changu, tasi, dagaa, koleke jodari		1	0.4%
Changu, tasi, kolekole, dagaa. Whole fish		1	0.4%
Changu,kolekole,jodali, kibua na tasi and the part she like to eat is stomach		1	0.4%
Chewa and Mkizi		1	0.4%
Chewa, kibua, msusa		1	0.4%
Dagaa		11	3.9%
Dagaa , changu, tasi, kolekole, pweza, ngisi		1	0.4%
Dagaa,		1	0.4%
Dagaa, Furu		1	0.4%
Dagaa, Furu, Sangara		1	0.4%
Dagaa, Furu, sangara, Sato		1	0.4%
Dagaa, Migebuga, whole fish		1	0.4%
Dagaa, Mugebuga, they eat all parts of the fish		1	0.4%
Dagaa, Nileperch, dagaa		1	0.4%
Dagaa, Sangara		1	0.4%
Dagaa, Sangara whole		1	0.4%
Dagaa, Sangara whole fish		1	0.4%
Dagaa, Sangara, Sato		1	0.4%
Dagaa, Sangara, Whole Fish		3	1.1%
Dagaa, Sangara, consume whole		1	0.4%
Dagaa, Sangara, consumed whole		1	0.4%
Dagaa, Sangara, eaten whole		1	0.4%
Dagaa, Sangara, whole fish		4	1.4%
Dagaa, changu, kolekole		1	0.4%

Dagaa, kolekole, jordari		1	0.4%
Dagaa, mgebuka		1	0.4%
Dagaa, migebuga		7	2.5%
Dagaa, puju		1	0.4%
Dagaa, sangara		1	0.4%
Dagaa, sangara, furu		1	0.4%
Dagaa, taa, chendea, msusa		1	0.4%
Dagaa, tasi ( whole fish)		1	0.4%
Dagaa, tasi, changu , kolekole		1	0.4%
Dagaa, tasi, chewa, changu, kolekole, whole fish		1	0.4%
Dagaa, tasi, middle piece		1	0.4%
Dagaa, tasi,changu,vibua		1	0.4%
Dagaa, vibua, chewa,		1	0.4%
Dagaa, whole		3	1.1%
Dagaa,migebuga		2	0.7%
Eating all fish parts		1	0.4%
Fish heard is very delicious		1	0.4%
Flesh and Tail		1	0.4%
Furu		1	0.4%
Furu, Dagaa, Sangara the whole fish		1	0.4%
Furu, Dagaa, all parts of fish		1	0.4%
Furu, Dagaa, whole fish		1	0.4%
Gogogo		1	0.4%
Gogogo, Kambale,Perege		1	0.4%
Head		8	2.8%
Head fish		1	0.4%
Heard		2	0.7%
Hongwe, Fume, Tasi		1	0.4%
Hongwe, vibua, mususa		1	0.4%
In all fish species are eaten whole		1	0.4%
Jodari, changu, mishe, tasi pweza, ngisi		1	0.4%
Jodari, changu,tasi, dagaa, ngisi, pweza		1	0.4%
Jordari, tasi, kalambisi, ngisi (whole fish)		1	0.4%
Kakambisi, chewa, kolekole, tasi, Dagaa / Kichwa		1	0.4%
Kambale		1	0.4%
Kambale, Perege		1	0.4%
Kambare, pelege, ngorongoro, ningu, kuyu		1	0.4%
Kibua, Msusa, Hongwe, Shendea		1	0.4%
Kibua, dagaa, sehewa, hongwe		1	0.4%

Kibua, msusa ( eat all parts of the fish)	1	0.4%
Kibua, saladini (whole fish)	1	0.4%
Kikambe, kibua, dagaa	1	0.4%
Kolekole, vibua, mishe, Dagaa head	1	0.4%
Kolekole,tasi, changu Whole fish	1	0.4%
Kolekole. They eat the whole fish	1	0.4%
Kolelekole, jodari, ngisi, pweza, tasi	1	0.4%
Kuka	1	0.4%
Kuka, asilia,dindila	1	0.4%
Kuka, shaba	2	0.7%
Kuka/perege	1	0.4%
Mbojo	1	0.4%
Mgebuka Eaten as Whole, Dagaa Eaten Whole, Kuhe Eaten Whole, Ngege Eaten Whole, Masembe Eaten Whole, Nonzi Eaten Whole	1	0.4%
Mgebuka, dagaa	1	0.4%
Mgebuka	2	0.7%
Mgebuka they eat the whole fish	1	0.4%
Mgebuka, Dagaa	1	0.4%
Mgebuka, Dagaa , Whole Fish	1	0.4%
Mgebuka, Dagaa, Sangara, Kambale Kuhe: head	1	0.4%
Mgebuka, Dagaa, Whole Fish	3	1.1%
Mgebuka, Whole Fish	5	1.8%
Mgebuka, Whole fish	1	0.4%
Mgebuka, dagaa they eat everything	1	0.4%
Mgebuka, kungura, kuhe, they eat the whole fish	1	0.4%
Mgebuka, the whole fish	2	0.7%
Mgebuka, whole fish	2	0.7%
Mkeke, dagaa they eat the whole fish	1	0.4%
Mugebuka, Dagaa they eat the whole fish	1	0.4%
Mugebuka, Dagaa, Kungura, they eat all parts of the fish	1	0.4%
Mugebuka, Kungura, they eat all parts of fish	1	0.4%
Mugebuka, dagaa they eat the whole fish	1	0.4%
Mugebuka, the whole fish	2	0.7%
Nile perch	1	0.4%
Nile perch, dagaa	4	1.4%
Nile perch, tilapia and dagaa	1	0.4%
Nile perch, tilapia,dagaa whole fish	1	0.4%
Nyanda, mbili kamili	1	0.4%
Part of stomach	2	0.7%

Pelege, kambale (they eat the whole fish)		1	0.4%
Perege		1	0.4%
Perege and Kambale		1	0.4%
Perege and asilia		3	1.1%
Perege and asilia (head		2	0.7%
Perege, Kambale, whole fish		1	0.4%
Perege, asilia and kambale		3	1.1%
Perege, asilia and kambale (Tail)		1	0.4%
Perege, kambale ana asilia (head)		1	0.4%
Perege, ngogogo, kambale		1	0.4%
Perege, whole fish		1	0.4%
Sanga, furu, dagaa		1	0.4%
Sangara		5	1.8%
Sangara and Dagaa		1	0.4%
Sangara and dagaa		1	0.4%
Sangara na dagaa whole		1	0.4%
Sangara, Dagaa they consume all parts of the fish		1	0.4%
Sangara, Dagaa, Furu, Kamongo		1	0.4%
Sangara, Dagaa, Furu, all parts of fish		2	0.7%
Sangara, Dagaa, Sato they eat all parts of the fish except bones		1	0.4%
Sangara, Dagaa, Sato, all parts of fish		1	0.4%
Sangara, Dagaa, all parts of fish		1	0.4%
Sangara, Dagaa, they eat the whole fish		1	0.4%
Sangara, Dagaa, whole fish		1	0.4%
Sangara, Furu, Dagaa		1	0.4%
Sangara, Furu, Dagaa whole fish		1	0.4%
Sangara, Sato , They consume all parts of the fish except bones		1	0.4%
Sangara, Sato they eat all parts of fish		1	0.4%
Sangara, Sato, Dagaa they eat all parts of the fish except bones		1	0.4%
Sangara, Sato, Dagaa they eat everything		1	0.4%
Sangara, Sato, Dagaa they eat the whole fish		1	0.4%
Sangara, Sato, They eat all parts except bones		1	0.4%
Sangara, Sato, They eat all parts of fish		1	0.4%
Sangara, Sato, Whole Fish		1	0.4%
Sangara, Sato, dagaa		1	0.4%
Sangara, Sato, furu, dagaa		1	0.4%
Sangara, Sato, they eat the whole fish		1	0.4%
Sangara, Sato, whole fish		1	0.4%
Sangara, Sato,Dagaa		1	0.4%

Sangara, Whole Fish	8	2.8%
Sangara, all parts of fish	1	0.4%
Sangara, dagaa	2	0.7%
Sangara, middle piece	1	0.4%
Sangara, they consume all parts of the fish	1	0.4%
Sangara, they eat all parts of the fish except bones	1	0.4%
Sangara, they eat the whole fish	1	0.4%
Sangara, whole fish	5	1.8%
Sardines, whole	1	0.4%
Sato, Dagaa, Sangara, all parts of fish	1	0.4%
Sato, Sangara	1	0.4%
Sato, Sangara, Mumi, Furu, Dagaa	1	0.4%
Sehewa, msusa, ngarengare, chuchungi, mapooza uwono/dagaa	1	0.4%
Songolo, jodari, kolekole, sehewa, changu, head preferred	1	0.4%
Stomach	1	0.4%
Tail	2	0.7%
Tasi, Kolekole, changu, jodari, dagaa	1	0.4%
Tasi, any part	1	0.4%
Tasi, changu, dagaa	1	0.4%
Tasi, changu, dagaa, puju, chewa,sime	1	0.4%
Tasi, changu, jodari, dagaa Head and middle piece	1	0.4%
Tasi, changu, jodari, kolelekole na songolo	1	0.4%
Tasi, changu, kibua, pono, Jodari Prefers head	1	0.4%
Tasi, changu, kolekole	1	0.4%
Tasi, changu, kolekole, dagaa/ head	1	0.4%
Tasi, kolekole, changu, sehewa, jodari	1	0.4%
Tasi, kolekole, mzia, changu na king fish	1	0.4%
Tasi, kolekole, puju, dagaa, sime,	1	0.4%
Tasi, kolekole, songolo,kibua, ngisi	1	0.4%
Tasi, puju, dagaa, whole fish	1	0.4%
Tasi, vibua, lumbunga, ngwalala, dagaa Whole fish but prefer head	1	0.4%
Tasi, whole fish	1	0.4%
Tasi,changu, vibua, dagaa, jodari	1	0.4%
Tasi,changu,kolekole songolo na jodali the part she like to eat head	1	0.4%
Tilapia	2	0.7%
Uono	1	0.4%
Vibua	1	0.4%
Vibua upapa, whole fish	1	0.4%
Vibua, Tasi, Chewa	1	0.4%



Vibua, kolekole, mkizi, hongwe, changu		1	0.4%
Vibua, sehewa, changu, nguru/king fish, dagaa		1	0.4%
Vibua, tasi/chafi, pona, dagaa		1	0.4%
Vibua, upapa, dagaa/Uwono		1	0.4%
Vibua, upapa, pono, tasi		1	0.4%
Whole Mgebuka Fish and Whole Dagaa, And Whole other fishes		1	0.4%
Whole fish eaten - Mgebuka, Kuhe, Dagaa		1	0.4%

### X1\_5\_3\_ARE\_THERE\_TIMES\_WHEN\_: 1.5.3 Are there times when you cannot buy fish?

Data file: data\_anon\_ind

#### Overview

Valid: 281 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
No		31	11%
Yes		250	89%

### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_: 1.5.4 Which months can you not buy fish?

Data file: data\_anon\_ind

#### Overview

Valid: 238 Invalid: 0

Type: Discrete Width: 60 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
April February March May June July		1	0.4%
April January March December		1	0.4%
April June May		1	0.4%
April March		2	0.8%
April March June July August September		1	0.4%
April May		4	1.7%
April May February		1	0.4%

April May June	5	2.1%
April May June July	2	0.8%
April May June July August	1	0.4%
April May March December January	1	0.4%
April November January March	1	0.4%
August November December January June July	1	0.4%
August September	1	0.4%
August September July	1	0.4%
August September July June	1	0.4%
August September November	1	0.4%
August September October November December	1	0.4%
December	6	2.5%
December August March	1	0.4%
December February	2	0.8%
December February January	1	0.4%
December January	3	1.3%
December January April	2	0.8%
December January February March April May	1	0.4%
December January July August	1	0.4%
December June July August	1	0.4%
December March	2	0.8%
December March April	1	0.4%
December May June July August	1	0.4%
December November	1	0.4%
December November January	1	0.4%
December November January February March	1	0.4%
December November October	1	0.4%
December September August	1	0.4%
February June May April	1	0.4%
February March	1	0.4%
February March April	3	1.3%
February March April May June July	1	0.4%
February March April May June July August September	1	0.4%
February March September October	1	0.4%
January	2	0.8%
January April July	1	0.4%
January April May June	1	0.4%
January August July June May April March February	1	0.4%
January December	3	1.3%

January February	4	1.7%
January February March	5	2.1%
January February March April	5	2.1%
January February March April August	1	0.4%
January February March April May	1	0.4%
January February March April May June July August	1	0.4%
January February March December	1	0.4%
January July August September	1	0.4%
January June July August September	1	0.4%
January May	1	0.4%
January May June July August September	1	0.4%
January November September	1	0.4%
January October	1	0.4%
January September October November December	2	0.8%
July	1	0.4%
July August February March June	1	0.4%
July August June	4	1.7%
July August June September October November December	1	0.4%
July August September	7	2.9%
July August September June May	1	0.4%
July August September October	2	0.8%
July August September October November December	1	0.4%
July December June	1	0.4%
July June	3	1.3%
July June August	1	0.4%
July June August September	1	0.4%
July June August September May	1	0.4%
July June May April March February	1	0.4%
July June May August September	1	0.4%
July March February April	1	0.4%
July May June	1	0.4%
June	2	0.8%
June August September December	1	0.4%
June December	1	0.4%
June January July	1	0.4%
June July	3	1.3%
June July August	7	2.9%
June July August September	10	4.2%
June July August September November October December January	1	0.4%

June July August September October	1	0.4%
June July May	3	1.3%
June May	4	1.7%
June May April March	3	1.3%
June May July August September	1	0.4%
June November	1	0.4%
June November January	1	0.4%
March April	5	2.1%
March April May June	1	0.4%
March April May June July	2	0.8%
March April May June September	1	0.4%
March June	1	0.4%
March June May April	1	0.4%
May April	2	0.8%
May April June	1	0.4%
May June	5	2.1%
May June April	1	0.4%
May June July	6	2.5%
May June July April	2	0.8%
May June July August	3	1.3%
May June July August September	2	0.8%
May June July March April	1	0.4%
November	2	0.8%
November December	3	1.3%
November December January	2	0.8%
November December January February	1	0.4%
November December January February April	1	0.4%
November December June	1	0.4%
November October December January	2	0.8%
November October September December	2	0.8%
October	1	0.4%
October March May	1	0.4%
October November	4	1.7%
October November December	1	0.4%
October November December January	1	0.4%
October November December June July August September	1	0.4%
October November December September	2	0.8%
October November September	1	0.4%
September August	2	0.8%

September August October November		1	0.4%
September October		3	1.3%
September October December August July		1	0.4%
September October November		4	1.7%
September October November December		2	0.8%

### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_1: 1.5.4 Which months can you not buy fish?/January

Data file: data\_anon\_ind

#### Overview

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	180	75.6%
2	Yes	58	24.4%
Sysmiss		44	

### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_2: 1.5.4 Which months can you not buy fish?/February

Data file: data\_anon\_ind

#### Overview

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	199	83.6%
2	Yes	39	16.4%
Sysmiss		44	

### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_3: 1.5.4 Which months can you not buy fish?/March

Data file: data\_anon\_ind

**Overview**

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	184	77.3%
2	Yes	54	22.7%
Sysmiss		44	

**X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_.4: 1.5.4 Which months can you not buy fish?/April****Data file:** data\_anon\_ind**Overview**

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	173	72.7%
2	Yes	65	27.3%
Sysmiss		44	

**X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_.5: 1.5.4 Which months can you not buy fish?/May****Data file:** data\_anon\_ind**Overview**

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	166	69.7%
2	Yes	72	30.3%
Sysmiss		44	

**X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_.6: 1.5.4 Which months can you not buy fish?/June****Data file:** data\_anon\_ind**Overview**

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	129	54.2%
2	Yes	109	45.8%
Sysmiss		44	

**X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_.7: 1.5.4 Which months can you not buy fish?/July****Data file:** data\_anon\_ind**Overview**

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	145	60.9%
2	Yes	93	39.1%
Sysmiss		44	

**X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_.8: 1.5.4 Which months can you not buy fish?/August****Data file:** data\_anon\_ind**Overview**

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	166	69.7%
2	Yes	72	30.3%
Sysmiss		44	

#### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_9: 1.5.4 Which months can you not buy fish?/September

Data file: data\_anon\_ind

##### Overview

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	172	72.3%
2	Yes	66	27.7%
Sysmiss		44	

#### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_10: 1.5.4 Which months can you not buy fish?/October

Data file: data\_anon\_ind

##### Overview

Valid: 238 Invalid: 44

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	199	83.6%
2	Yes	39	16.4%
Sysmiss		44	

#### X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_11: 1.5.4 Which months can you not buy fish?/November

Data file: data\_anon\_ind

##### Overview

Valid: 238 Invalid: 44



Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	191	80.3%
2	Yes	47	19.7%
Sysmiss		44	

## X1\_5\_4\_WHICH\_MONTHS\_CAN\_YOU\_.12: 1.5.4 Which months can you not buy fish?/December

Data file: data\_anon\_ind

### Overview

Valid: 238    Invalid: 44

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	175	73.5%
2	Yes	63	26.5%
Sysmiss		44	

## X1\_5\_5\_IF\_THERE\_ARE\_TIMES\_WH: 1.5.5 If there are times when you cannot buy fish. Why would this be the case?

Data file: data\_anon\_ind

### Overview

Valid: 250

Type: Discrete    Width: 126    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Availability and price		1	0.4%
Availability of fish due to season		1	0.4%
Avoid spoilage, high prices		1	0.4%
Bad weather		1	0.4%

Bad weather at the sea		1	0.4%
Bad weather condition ( strong wind)		1	0.4%
Bad weather condition (strong wind)		2	0.8%
Because of rain		1	0.4%
Because changing of weather		1	0.4%
Because of climate change		1	0.4%
Because of lack of huge capital ,and that time fish was very expensive		1	0.4%
Because of winter		1	0.4%
Because of high price		1	0.4%
Because of high price		2	0.8%
Because of huge rain		2	0.8%
Because of increase of inflation		1	0.4%
Because of rain		1	0.4%
Because of weather change		1	0.4%
Because of weather conditions		1	0.4%
Because of wind		2	0.8%
Being given for free		1	0.4%
Big rain		1	0.4%
Capital		1	0.4%
Capital decrease		1	0.4%
Change of weather		1	0.4%
Changing of weather		1	0.4%
Climate change		3	1.2%
Competition among buyers		1	0.4%
Competition, few catch		1	0.4%
Decrease of capital and fish scarcity		1	0.4%
During rainy season fish drying became an issue, we don't buy more fish		1	0.4%
During rainy season fish is not available		1	0.4%
During rainy season fish is not available in high amount		1	0.4%
During rainy season wastage of fish is very high due to drying problem		1	0.4%
During summer season, fish availability is very poor		1	0.4%
Economic fluctuations, seasonal changes		1	0.4%
Expensive		4	1.6%
Expensive to get fish		1	0.4%
Few fish landed		1	0.4%
Few fishers and high price		1	0.4%
Fish		1	0.4%
Fish are very expensive and not available		1	0.4%
Fish availability		1	0.4%

Fish availability is very low and the price is very high	1	0.4%
Fish availability is very low due to strong wind	1	0.4%
Fish is not available	1	0.4%
Fish is not available and sometime the price is too high	1	0.4%
Fish is not available and the price is very high	1	0.4%
Fish is not available at the landing site due to climate change	1	0.4%
Fish is not available due to climate change	1	0.4%
Fish is not available due to high temperature	3	1.2%
Fish is not available due to strong wind	1	0.4%
Fish is not available due to weather changes	1	0.4%
Fish is not available in the market	1	0.4%
Fish is very expensive	1	0.4%
Fish is very expensive and not available due to changes in weather (High rainfall)	1	0.4%
Fish not available	2	0.8%
Fish scarcity	1	0.4%
Fish shortage due to strong wind	1	0.4%
Fish spoilage (Fishes don't dry due to rainfall)	1	0.4%
Fish unavailability and high fish price	1	0.4%
Fish unavailability and high price	1	0.4%
Fish unavailability and high prices	2	0.8%
Fish unavailability due to high temperature	1	0.4%
Fish unavailability due to weather changes i.e temperature rise	1	0.4%
Fish unavailability in the market, high prices	1	0.4%
Fisherfolk move go to another liver	1	0.4%
High Price	1	0.4%
High cost of fish, insufficient capital	1	0.4%
High price	14	5.6%
High price due to fish unavailability	1	0.4%
High price due to shortage of fish	1	0.4%
High price of fish	1	0.4%
High price, availability of fish	1	0.4%
High price, competition	1	0.4%
High prices	9	3.6%
High prices and competition	1	0.4%
High prices and poor availability	1	0.4%
High prices of dagaa, insufficient capital	1	0.4%
High prices of fish, scarcity of fish due to seasons	1	0.4%
High prices, Low availability of fish, insufficient capital	1	0.4%
High prices, insufficient capital	2	0.8%

High prices, low availability of fish		1	0.4%
High prices, poor availability of fish due to seasonal changes		1	0.4%
High rainfall lead to shortage of fish		1	0.4%
High temperature		2	0.8%
High temperature which leads to fish unavailability		1	0.4%
High temperature which leads to fish unavailability and high fish price		1	0.4%
Higher price		1	0.4%
Highest price		1	0.4%
Insufficient capital		14	5.6%
Insufficient capital due to high prices of dagaa		1	0.4%
Insufficient capital, seasonal changes leading to low fish catches		1	0.4%
Insufficient capital, seasonal changes/heavy rains		1	0.4%
Lack of capital		3	1.2%
Lack of capital (fish is sold at high price due to fish shortage)		1	0.4%
Lack of capital and fish unavailability		1	0.4%
Lack of many		1	0.4%
Lack of money		4	1.6%
Less fish bad weather		1	0.4%
Low capital		3	1.2%
Low capital and high rainfall		1	0.4%
Low catches		2	0.8%
Low catches and high prices		1	0.4%
Low fish availability due to high temperature in October and November		1	0.4%
Low fish availability due to rough sea		1	0.4%
Low fish catch which makes them expensive		1	0.4%
Low fish catch, poor business flow		1	0.4%
Low fish catches		1	0.4%
Low fish catches and high prices		1	0.4%
Low fish catches which lead to high prices.		1	0.4%
Low fish/dagaa catches, insufficient capital		1	0.4%
Low or no income		1	0.4%
No enough fish to river because of winter ( I'm not buy a fish but something I do swahili called kupaa samaki na kutoa utumbo)		1	0.4%
No fish		3	1.2%
No fish because of weather conditions		2	0.8%
No fish in the liver because of weather		1	0.4%
No fish landed		4	1.6%
Not affordable, high prices		1	0.4%
Not available		2	0.8%

Not fish		1	0.4%
Poor Fish catch, which leads to poor income		1	0.4%
Poor availability of fish		1	0.4%
Poor availability of fish due to seasonal changes leading to low fish catch		1	0.4%
Poor catch		2	0.8%
Poor catch and expensive		1	0.4%
Poor catch and high price		4	1.6%
Poor catch, seasonal change		1	0.4%
Poor catch, seasonality in fishing		1	0.4%
Price		1	0.4%
Price and poverty		1	0.4%
Price is high		1	0.4%
Rain season and high price		1	0.4%
Rain season, lack of funds		1	0.4%
Rain seasons		1	0.4%
Rainfall		2	0.8%
Rainfall, high post harvest and loss of capital due to spoilage of fish		1	0.4%
Raining season		1	0.4%
Rough sea no fish		1	0.4%
Rough sea, no fishing		1	0.4%
Rough weather, fisher unable to fish		1	0.4%
Scarcity		1	0.4%
Scarcity , high prices		1	0.4%
Scarcity and Availability		1	0.4%
Scarcity and high prices		1	0.4%
Scarcity of fish		1	0.4%
Scarcity, strong waves		1	0.4%
Seasonal Changes leading to scarcity of fish		1	0.4%
Seasonal and climatic changes		1	0.4%
Seasonal changes especially when it's raining, leads to low fish catches and high prices		1	0.4%
Seasonal changes leading to low fish catch		1	0.4%
Seasonal changes, leading to low fish catch		1	0.4%
Seasonal changes, leading to low fish catches		1	0.4%
Seasonal changes, scarcity of fish, high prices		1	0.4%
She doesn't know		1	0.4%
Strong waves and winds (no fish to buy)		1	0.4%
Strong wind		5	2%
Strong wind affect fisheries activities		1	0.4%
Strong wind hinder fishers to fish		1	0.4%

Strong wind leads to fish unavailability		1	0.4%
Strong wind which affect fishing activities		1	0.4%
Strong winds which prevent fishers to do fishing		1	0.4%
Strong winds, strong waves and high price		1	0.4%
Strong winter fish go in deep		1	0.4%
They are sold at high prices		1	0.4%
Too expensive		5	2%
Too expensive and lack of capital		1	0.4%
Unavailability and high prices		1	0.4%
Unavailability of fish due to high temperature		1	0.4%
Weather especially rainfall season		1	0.4%
Weather rain season		1	0.4%
Weather too windy? Fish becomes scarce and pricy		1	0.4%
When the prices are high and when they are scarce in the market		1	0.4%

## X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE: 1.5.6 How many days per week do you (yourself) eat fish?

Data file: data\_anon\_ind

### Overview

Valid: 31 Invalid: 0

Type: Discrete Width: 13 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		2	6.5%
2		1	3.2%
2 7		1	3.2%
3		2	6.5%
4		3	9.7%
5		2	6.5%
5 4		1	3.2%
6		1	3.2%
7		16	51.6%
7 1 2 3 4 5 6		1	3.2%
Don't eat		1	3.2%

**X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.1: 1.5.6 How many days per week do you (yourself) eat fish?/1****Data file:** data\_anon\_ind**Overview**

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	28	90.3%
2	Yes	3	9.7%
Sysmiss		251	

**X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.2: 1.5.6 How many days per week do you (yourself) eat fish?/2****Data file:** data\_anon\_ind**Overview**

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	28	90.3%
2	Yes	3	9.7%
Sysmiss		251	

**X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.3: 1.5.6 How many days per week do you (yourself) eat fish?/3****Data file:** data\_anon\_ind**Overview**

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	28	90.3%
2	Yes	3	9.7%
Sysmiss		251	

#### X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.4: 1.5.6 How many days per week do you (yourself) eat fish?/4

Data file: data\_anon\_ind

##### Overview

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	26	83.9%
2	Yes	5	16.1%
Sysmiss		251	

#### X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.5: 1.5.6 How many days per week do you (yourself) eat fish?/5

Data file: data\_anon\_ind

##### Overview

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	27	87.1%
2	Yes	4	12.9%
Sysmiss		251	

#### X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.6: 1.5.6 How many days per week do you (yourself) eat fish?/6

Data file: data\_anon\_ind



**Overview**

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	29	93.5%
2	Yes	2	6.5%
Sysmiss		251	

**X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.7: 1.5.6 How many days per week do you (yourself) eat fish?/7**

Data file: data\_anon\_ind

**Overview**

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	13	41.9%
2	Yes	18	58.1%
Sysmiss		251	

**X1\_5\_6\_HOW\_MANY\_DAYS\_PER\_WEE.8: 1.5.6 How many days per week do you (yourself) eat fish?/Don't eat**

Data file: data\_anon\_ind

**Overview**

Valid: 31 Invalid: 251

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	30	96.8%

2	Yes	1	3.2%
Sysmiss		251	

### X1\_5\_7\_HOW\_MANY\_DAYS\_PER\_WEE: 1.5.7 How many days per week does your family eat fish?

Data file: data\_anon\_ind

#### Overview

Valid: 282 Invalid: 0  
Type: Discrete Width: 10 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Five		19	6.7%
Four		29	10.3%
Not at all		1	0.4%
Once		34	12.1%
Seven		104	36.9%
Six		13	4.6%
Three		45	16%
Twice		37	13.1%

### X1\_5\_8\_HOW\_MUCH\_FISH\_DOES\_YO: 1.5.8 How much fish does your household consume each day? Number of small fish? Number of large fish? Cup of small fish, etc...)

Data file: data\_anon\_ind

#### Overview

Valid: 282 Invalid: 0  
Type: Discrete Width: 70 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		4	1.4%
0.25		1	0.4%
0.45		1	0.4%
0.5		4	1.4%
0.5 kg dagaa, 1.5 kgs whole fish		1	0.4%

0.5kg		1	0.4%
1		9	3.2%
1 Kg		1	0.4%
1 Large Fish		1	0.4%
1 Large fish which is divided into portions and eaten within four days		1	0.4%
1 cup of dagaa		1	0.4%
1 depends on size, 1 cup		1	0.4%
1 kg		10	3.5%
1 kg kg		1	0.4%
1 large fish		37	13.1%
1 large fish, divided into portions and eaten within 3 days		1	0.4%
1 large fish, divided into portions and eaten within two days		1	0.4%
1 medium sized fish		1	0.4%
1 small cup of dagaa		2	0.7%
1 small fish		1	0.4%
1 small fish, 2 small cups of Dagaa		1	0.4%
1 small fish, 3 small cups of dagaa		1	0.4%
1.5 kg		2	0.7%
1.5 kg big fish, half kg dagaa		1	0.4%
1.5 kg fish, 2 cups of dagaa		1	0.4%
1.5 kgs, 0.25 kg		1	0.4%
1/2 kg		1	0.4%
1/2 kg		5	1.8%
1/4 kg		1	0.4%
10		2	0.7%
10 - 15		1	0.4%
10 buckets of juvenus		1	0.4%
10 large fish		1	0.4%
10 pieces		1	0.4%
10 small cups of Dagaa		1	0.4%
10 small fish		2	0.7%
15 small fish		1	0.4%
15-20		1	0.4%
1Kg		1	0.4%
1kg		4	1.4%
1kg large fish, less than quarter dagaa		1	0.4%
1kg large fish, less than quarter kg for dagaa		1	0.4%
2		4	1.4%
2 Kg of dagaa		1	0.4%

2 Large fish		1	0.4%
2 big fish		1	0.4%
2 big fish - 5 small fish		1	0.4%
2 big fish, 3 small fish		1	0.4%
2 cups of dagaa		1	0.4%
2 fishes (0.5 kg)		1	0.4%
2 kg of dagaa		1	0.4%
2 kgs		1	0.4%
2 large fish		11	3.9%
2 medium sized fish		1	0.4%
2 one cup		1	0.4%
2-3		1	0.4%
2-3 pieces		2	0.7%
2-4		1	0.4%
2-4 pieces		1	0.4%
20 small fish		1	0.4%
2Kg of dagaa		1	0.4%
2kg sangara, 1kg dagaa		1	0.4%
3		7	2.5%
3 big fish		1	0.4%
3 cups of Dagaa		1	0.4%
3 fish ( 1 kg)		2	0.7%
3 fishes (1 kg)		1	0.4%
3 fishes (approximately 0.5 kg)		1	0.4%
3 fishes average 1kg		1	0.4%
3 kg		1	0.4%
3 large fish		11	3.9%
3 small cups of dagaa		1	0.4%
3-5		1	0.4%
3-5 pieces		1	0.4%
30 small fish		1	0.4%
4		4	1.4%
4 Large Fish		1	0.4%
4 large fish		4	1.4%
4 large fish, 1 small cup of Dagaa		1	0.4%
4 pieces		1	0.4%
4 small cups of Dagaa		1	0.4%
4 small fish		1	0.4%
4 small fish, 3 cups of small fish		1	0.4%

4big and 10 small fish		1	0.4%
5		5	1.8%
5 - 7 pieces		1	0.4%
5 Large fish/Migebuka, 3 cups of small fish/Dagaa		1	0.4%
5 fish per day		1	0.4%
5 kg		1	0.4%
5 large fish		3	1.1%
5 pieces		1	0.4%
5 small fish		3	1.1%
5 small fish (0.5 kg)		1	0.4%
6		1	0.4%
6 large fish		4	1.4%
6 pieces		1	0.4%
6 small fish		1	0.4%
7 Large Fish		1	0.4%
7 large fish		1	0.4%
7small fish, 1-2 big fish		1	0.4%
8 large fish, 1 cup of small fish		1	0.4%
8 small fish		1	0.4%
A cup of small fish		1	0.4%
Big fish		2	0.7%
Changu, tasi,kolekole		1	0.4%
Cup of small fish , or 1kg		1	0.4%
Dagaaa		1	0.4%
Don't measure		1	0.4%
Four large fish		1	0.4%
I fishing only dagaa.		1	0.4%
I kg		4	1.4%
I kg per day		1	0.4%
I'm food vending		1	0.4%
It depends on the size of fish, cup of small fish		1	0.4%
Jodari and changu		1	0.4%
Juvinus		1	0.4%
Kg 1		1	0.4%
Kg 1.5		1	0.4%
Less than a quarter dagaa, about quarter kg for big fish		1	0.4%
Less than quarter kg dagaa, Half Kg big fish		1	0.4%
Less than quarter kg for dagaa, Half kg Sangara, quarter kg Furu		1	0.4%
NA		7	2.5%

No		1	0.4%
One fish (300 gram)		1	0.4%
One piece		1	0.4%
Only dagaa		1	0.4%
Only dagaaa		2	0.7%
Only perege and asilia		1	0.4%
Perege and asilia		4	1.4%
Perege kambale and asilia		1	0.4%
Perege, asilia and kambale		4	1.4%
Red snapper		1	0.4%
Sangara		1	0.4%
Small fish 50, 1 large, 1 piece head		1	0.4%
Small pallagic		4	1.4%
Small pellagic		1	0.4%
Three pieces of fish		1	0.4%
Two		1	0.4%
Two or three pieces ora cup for small fish		1	0.4%
Udufi		1	0.4%
Udufi (dagaa)		2	0.7%
Udufi(dagaa)		1	0.4%
fish; one cup for small fish		1	0.4%

## X1\_5\_9\_DO\_YOU\_CATCH\_YOUR\_OWN: 1.5.9 Do you catch your own fish for household consumption?

Data file: data\_anon\_ind

### Overview

Valid: 280 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		246	87.9%
Sometimes		4	1.4%
Yes		27	9.6%
other		3	1.1%

**X1\_5\_9\_SPECIFY: 1.5.9 specify****Data file:** data\_anon\_ind**Overview**

Valid: 3 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Kupaa samaki		3	100%

**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?****Data file:** data\_anon\_ind**Overview**

Valid: 246 Invalid: 0

Type: Discrete Width: 96 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Locally caught, small-scale fisherfolk		224	91.1%
Locally caught, small-scale fisherfolk Imported species bought from the market		1	0.4%
Locally caught, small-scale fisherfolk Locally caught, commercial fisheries		5	2%
Locally caught, small-scale fisherfolk Other parts of the Country/bought from market		5	2%
Locally caught, small-scale fisherfolk Other parts of the Country/bought from market Gift/Barter		1	0.4%
Locally caught, small-scale fisherfolk Purchased at market, do not know source		7	2.8%
Locally caught, small-scale fisherfolk Purchased at market, do not know source Gift/Barter		1	0.4%
Purchased at market, do not know source		1	0.4%
Purchased at market, do not know source Locally caught, small-scale fisherfolk		1	0.4%

**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH.1: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Locally caught, small-scale fisherfolk****Data file:** data\_anon\_ind**Overview**

Valid: 246 Invalid: 36

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	1	0.4%
2	Yes	245	99.6%
Sysmiss		36	

**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH.2: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Locally caught, commercial fisheries**

Data file: data\_anon\_ind

### Overview

Valid: 246    Invalid: 36

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	241	98%
2	Yes	5	2%
Sysmiss		36	

**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH.3: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Other parts of the Country/bought from market**

Data file: data\_anon\_ind

### Overview

Valid: 246    Invalid: 36

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	240	97.6%
2	Yes	6	2.4%
Sysmiss		36	



**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH.4: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Imported species bought from the market****Data file:** data\_anon\_ind**Overview**

Valid: 246 Invalid: 36

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	245	99.6%
2	Yes	1	0.4%
Sysmiss		36	

**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH.5: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Purchased at market, do not know source****Data file:** data\_anon\_ind**Overview**

Valid: 246 Invalid: 36

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	236	95.9%
2	Yes	10	4.1%
Sysmiss		36	

**X1\_5\_10\_IF\_YOU\_DID\_NOT\_CATCH.6: 1.5.10 If you did not catch your own fish, do you know the source of the fish you/your family consumed?/Gift/Barter****Data file:** data\_anon\_ind**Overview**

Valid: 246 Invalid: 36

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	244	99.2%
2	Yes	2	0.8%
Sysmiss		36	

**X1\_5\_11\_FISH\_PROCESSING\_IF\_Y: 1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?**

Data file: data\_anon\_ind

### Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fresh		1	100%

**X1\_5\_11\_FISH\_PROCESSING\_IF\_Y.1: 1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Fresh**

Data file: data\_anon\_ind

### Overview

Valid: 1 Invalid: 281

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	0	0%
2	Yes	1	100%
Sysmiss		281	

**X1\_5\_11\_FISH\_PROCESSING\_IF\_Y.2: 1.5.11 Fish processing: If you buy fish, is it purchased**

**fresh, dried, smoked, tinned?/Dried****Data file:** data\_anon\_ind**Overview**

Valid: 1    Invalid: 281

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	1	100%
2	Yes	0	0%
Sysmiss		281	

**X1\_5\_11\_FISH\_PROCESSING\_IF\_Y.3: 1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Smoked****Data file:** data\_anon\_ind**Overview**

Valid: 1    Invalid: 281

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	1	100%
2	Yes	0	0%
Sysmiss		281	

**X1\_5\_11\_FISH\_PROCESSING\_IF\_Y.4: 1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Tinned****Data file:** data\_anon\_ind**Overview**

Valid: 1    Invalid: 281

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	1	100%
2	Yes	0	0%
Sysmiss		281	

### X1\_5\_11\_FISH\_PROCESSING\_IF\_Y.5: 1.5.11 Fish processing: If you buy fish, is it purchased fresh, dried, smoked, tinned?/Other

Data file: data\_anon\_ind

#### Overview

Valid: 1 Invalid: 281

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	1	100%
2	Yes	0	0%
Sysmiss		281	

### X1\_5\_12\_FISH\_PROCESSING\_IF\_Y: 1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?

Data file: data\_anon\_ind

#### Overview

Valid: 167 Invalid: 0

Type: Discrete Width: 27 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Boil and Dry		24	14.4%
Boil and Dry Dry		1	0.6%
Boil and Dry Dry Smoke Salt		1	0.6%
Boil and Dry Other		1	0.6%
Boil and Dry Other Smoke		2	1.2%
Boil and Dry Salt		1	0.6%
Boil and Dry Smoke		1	0.6%

Dry	21	12.6%
Dry Boil and Dry	8	4.8%
Dry Other	1	0.6%
Dry Other Smoke	1	0.6%
Dry Salt Boil and Dry	1	0.6%
Dry Salt Other	1	0.6%
Dry Smoke	2	1.2%
Dry Smoke Other	1	0.6%
Other	77	46.1%
Other Dry	1	0.6%
Other Dry Boil and Dry	1	0.6%
Other Smoke	5	3%
Salt	1	0.6%
Salt Dry	1	0.6%
Salt Other	1	0.6%
Smoke	3	1.8%
Smoke Boil and Dry	2	1.2%
Smoke Other	7	4.2%
Smoke Salt Other	1	0.6%

### X1\_5\_12\_FISH\_PROCESSING\_IF\_Y.1: 1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Dry

Data file: data\_anon\_ind

#### Overview

Valid: 167 Invalid: 115

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	126	75.4%
2	Yes	41	24.6%
Sysmiss		115	

### X1\_5\_12\_FISH\_PROCESSING\_IF\_Y.2: 1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Smoke

Data file: data\_anon\_ind

**Overview**

Valid: 167 Invalid: 115

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	141	84.4%
2	Yes	26	15.6%
Sysmiss		115	

**X1\_5\_12\_FISH\_PROCESSING\_IF\_Y.3: 1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Salt**

Data file: data\_anon\_ind

**Overview**

Valid: 167 Invalid: 115

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	159	95.2%
2	Yes	8	4.8%
Sysmiss		115	

**X1\_5\_12\_FISH\_PROCESSING\_IF\_Y.4: 1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Boil and Dry**

Data file: data\_anon\_ind

**Overview**

Valid: 167 Invalid: 115

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	124	74.3%

2	Yes	43	25.7%
Sysmiss		115	

### X1\_5\_12\_FISH\_PROCESSING\_IF\_Y.5: 1.5.12 Fish processing: If you catch your own fish, do you process it in any way for storage / before preparing it for consumption?/Other

Data file: data\_anon\_ind

#### Overview

Valid: 167 Invalid: 115

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	67	40.1%
2	Yes	100	59.9%
Sysmiss		115	

### X1\_5\_12\_PLEASE\_SPECIFY: 1.5.12 Please specify

Data file: data\_anon\_ind

#### Overview

Valid: 99 Invalid: 0

Type: Discrete Width: 27 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Boil		15	15.2%
Boil and cook with tomatoes		1	1%
Boil, Fry		6	6.1%
Boil, fry		9	9.1%
Boil, fry for storage		1	1%
Boiling and frying		1	1%
Buying and procesing		1	1%
Buying fish and processing		1	1%
Deep dry		1	1%
Deep fry		4	4%

Deep fry or boil		1	1%
Deep fry, boil		2	2%
Deep frying		1	1%
Deep frying or boiling		1	1%
Don't catch my own fish		1	1%
Don't fish		3	3%
Fraying		1	1%
Fresh		1	1%
Fry		6	6.1%
Fry, Boil		2	2%
Frying		1	1%
I don't catch		1	1%
I don't catch fish		5	5.1%
I don't catch my own fish		5	5.1%
I dont catch my own fish		1	1%
Kaanga		1	1%
Kupaa samaki		4	4%
Marinande		1	1%
N/A		1	1%
No applicable		1	1%
No fishing		1	1%
No pre- processing		1	1%
None		1	1%
Not applicable		7	7.1%
Not fishing		1	1%
Not for consumption		1	1%
Only boils		1	1%
Red snapper and Sardines		1	1%
Sell fresh		1	1%
She doesn't catch		2	2%
She doesn't catch fish		1	1%
They don't fish		1	1%

### **X1\_5\_13\_DO\_YOU\_BUY\_FISH\_PROD: 1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 251    Invalid: 0



Type: Discrete    Width: 16    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Do not buy		231	92%
Do not buy Other		3	1.2%
Fish powder		1	0.4%
Other		16	6.4%

**X1\_5\_13\_DO\_YOU\_BUY\_FISH\_PROD.1: 1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Do not buy**

Data file: data\_anon\_ind

### Overview

Valid: 251    Invalid: 31

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	17	6.8%
2	Yes	234	93.2%
Sysmiss		31	

**X1\_5\_13\_DO\_YOU\_BUY\_FISH\_PROD.2: 1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Fish powder**

Data file: data\_anon\_ind

### Overview

Valid: 251    Invalid: 31

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	250	99.6%
2	Yes	1	0.4%

Sysmiss		31	
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### **X1\_5\_13\_DO\_YOU\_BUY\_FISH\_PROD.3: 1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Fish paste**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 251 Invalid: 31

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1	No	251	100%
2	Yes	0	0%
Sysmiss		31	

### **X1\_5\_13\_DO\_YOU\_BUY\_FISH\_PROD.4: 1.5.13 Do you buy fish products such as fish powder, fish paste, or other products?/Other**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 251 Invalid: 31

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1	No	232	92.4%
2	Yes	19	7.6%
Sysmiss		31	

### **X1\_5\_13\_IF\_OTHERS\_TO\_QUESTION: 1.5.13 If Others to question above, please specify**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 114 Invalid: 0

Type: Discrete Width: 34 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Buy whole fishes		1	0.9%
Food vending		1	0.9%
I don't buy		2	1.8%
I don't buy fish product		1	0.9%
Kupaa samaki		2	1.8%
Locally sold		1	0.9%
N/A		16	14%
NA		5	4.4%
Na		19	16.7%
Nil		8	7%
No		7	6.1%
No other		1	0.9%
No others		3	2.6%
None		26	22.8%
Not answered		1	0.9%
Not aplicable		1	0.9%
Not applicable		11	9.6%
Not applied		1	0.9%
Not availabe here		1	0.9%
Not available		2	1.8%
She doesn't buy		1	0.9%
She sells fish product but not buy		1	0.9%
She sells fish products		1	0.9%
She sells not buy		1	0.9%

**X1\_5\_14\_IF\_YOU\_BUY\_FISH\_PROD: 1.5.14** If you buy fish products, are there certain family members who consume these products?

**Data file:** data\_anon\_ind

### Overview

Valid: 41 Invalid: 0

Type: Discrete Width: 42 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Dependent child		3	7.3%
Husband		4	9.8%
Husband Wife		2	4.9%
Relative		11	26.8%
Relative Dependent child Husband		1	2.4%
Relative Husband Dependent child		1	2.4%
Relative Husband Wife Dependent child Self		1	2.4%
Self		18	43.9%

### X1\_5\_14\_IF\_YOU\_BUY\_FISH\_PROD.1: 1.5.14 If you buy fish products, are there certain family members who consume these products?/Husband

Data file: data\_anon\_ind

#### Overview

Valid: 41 Invalid: 241

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	32	78%
2	Yes	9	22%
Sysmiss		241	

### X1\_5\_14\_IF\_YOU\_BUY\_FISH\_PROD.2: 1.5.14 If you buy fish products, are there certain family members who consume these products?/Wife

Data file: data\_anon\_ind

#### Overview

Valid: 41 Invalid: 241

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	38	92.7%
2	Yes	3	7.3%

Sysmiss		241	
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### **X1\_5\_14\_IF\_YOU\_BUY\_FISH\_PROD.3: 1.5.14 If you buy fish products, are there certain family members who consume these products?/Dependent child**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 41 Invalid: 241

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1	No	35	85.4%
2	Yes	6	14.6%
Sysmiss		241	

### **X1\_5\_14\_IF\_YOU\_BUY\_FISH\_PROD.4: 1.5.14 If you buy fish products, are there certain family members who consume these products?/Relative**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 41 Invalid: 241

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1	No	27	65.9%
2	Yes	14	34.1%
Sysmiss		241	

### **X1\_5\_14\_IF\_YOU\_BUY\_FISH\_PROD.5: 1.5.14 If you buy fish products, are there certain family members who consume these products?/Self**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 41 Invalid: 241

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	22	53.7%
2	Yes	19	46.3%
Sysmiss		241	

**X1\_5\_15\_WHAT\_ARE\_THE\_MAIN\_BA: 1.5.15 What are the main barriers you face in consuming fish in the household?**

Data file: data\_anon\_ind

### Overview

Valid: 276 Invalid: 0  
Type: Discrete Width: 41 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fish is not available in the market		53	19.2%
Fish is of poor quality/unsafe to consume		3	1.1%
Too expensive		196	71%
Too time consuming to prepare		4	1.4%
other (specify)		20	7.2%

**X1\_5\_15\_IF\_OTHERS\_PLEASE\_SPE: 1.5.15 IF Others, please specify**

Data file: data\_anon\_ind

### Overview

Valid: 20 Invalid: 0  
Type: Discrete Width: 77 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All the reasons stated apply		1	5%
Availability of fish very little and wapaaji ni wengi		1	5%
Fish is bought everyday		1	5%

For consumption, always you can get		1	5%
I don't have money to buy fish		1	5%
Just to change diet		1	5%
Kupaa samaki		1	5%
Lack sources of income		1	5%
Less fish landed, high price		1	5%
Low income		1	5%
My capital decrease because of police take all money		1	5%
No barriers		1	5%
No enough money		1	5%
No money		1	5%
Operation was reduced my capital		1	5%
Police bit fisherfolk		1	5%
Shortage of fish		1	5%
Too expensive and in a bailable fish unavailable		1	5%
Too expensive when they are not available depending with the seasonal changes		1	5%
Too expensive, Fish not available in the market		1	5%

### X1\_6\_1\_DO\_YOU\_ALWAYS\_CATCH\_A: 1.6.1 Do you always catch all your own fish for processing and marketing?

Data file: data\_anon\_ind

#### Overview

Valid: 279 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		245	87.8%
Yes		34	12.2%

### X1\_6\_2\_DO\_YOU\_KNOW\_THE\_SOURC: 1.6.2 Do you know the source of the fish you purchased?

Data file: data\_anon\_ind

#### Overview

Valid: 243 Invalid: 0

Type: Discrete Width: 84 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Locally caught, small-scale fisherfolk		218	89.7%
Locally caught, small-scale fisherfolk Locally caught, commercial fisheries		9	3.7%
Locally caught, small-scale fisherfolk Other parts of the Country/bought from market		10	4.1%
Locally caught, small-scale fisherfolk Purchased at market, do not know source		6	2.5%

### X1\_6\_2\_DO\_YOU\_KNOW\_THE\_SOURC.1: 1.6.2 Do you know the source of the fish you purchased?/Locally caught, small-scale fisherfolk

Data file: data\_anon\_ind

#### Overview

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	0	0%
2	Yes	243	100%
Sysmiss		39	

### X1\_6\_2\_DO\_YOU\_KNOW\_THE\_SOURC.2: 1.6.2 Do you know the source of the fish you purchased?/Locally caught, commercial fisheries

Data file: data\_anon\_ind

#### Overview

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	234	96.3%
2	Yes	9	3.7%
Sysmiss		39	



**X1\_6\_2\_DO\_YOU\_KNOW\_THE\_SOURC.3: 1.6.2 Do you know the source of the fish you purchased?/Other parts of the Country/bought from market****Data file:** data\_anon\_ind**Overview**

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	233	95.9%
2	Yes	10	4.1%
Sysmiss		39	

**X1\_6\_2\_DO\_YOU\_KNOW\_THE\_SOURC.4: 1.6.2 Do you know the source of the fish you purchased?/Imported species bought from the market****Data file:** data\_anon\_ind**Overview**

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	243	100%
2	Yes	0	0%
Sysmiss		39	

**X1\_6\_2\_DO\_YOU\_KNOW\_THE\_SOURC.5: 1.6.2 Do you know the source of the fish you purchased?/Purchased at market, do not know source****Data file:** data\_anon\_ind**Overview**

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	237	97.5%
2	Yes	6	2.5%
Sysmiss		39	

**X1\_6\_3\_WHY\_DO\_YOU\_SOURCE\_FIS: 1.6.3 Why do you source fish from this source? Example answer: "imported fish is only fish available"**

Data file: data\_anon\_ind

### Overview

Valid: 238 Invalid: 0

Type: Discrete Width: 94 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Affordability		1	0.4%
Affordable price		1	0.4%
All fish is from local fishermen		1	0.4%
Area selected by the government for selling fish		1	0.4%
Area where fish are sold		1	0.4%
Assurance of the quality		1	0.4%
Availability		13	5.5%
Availability of fish		1	0.4%
Availability of fish at the source		1	0.4%
Availabilty of fish at affordable prices		1	0.4%
Available		3	1.3%
Available at affordable prices		1	0.4%
Aware of the source		1	0.4%
Becuae is near from her home and less expensive		1	0.4%
Born near lake Tanganyika		1	0.4%
Cheap and reliable		1	0.4%
Cheap price		1	0.4%
Confident with the source		2	0.8%
Dagaa is easily accessible at the landing site		1	0.4%
Dagaa is easily accessible at the landing sites		1	0.4%

Dagaa is easily available at the landing site		1	0.4%
Dagaa is only sold directly by fishermen		1	0.4%
Dagaa is readily available		1	0.4%
Dagaa is readily available at the landing site		1	0.4%
Dagaa/Fish is easily accessible at the landing site		1	0.4%
Dagaa/Fish is readily accessible at the landing site		2	0.8%
Dagaa/furu is easily accessible at the landing site		1	0.4%
Depends on the availability		1	0.4%
Easily available		1	0.4%
Easily available with low price		1	0.4%
Easy Local available		1	0.4%
Easy availability of fish at the landing site		1	0.4%
Easy to access and cheap		1	0.4%
Easy to get and less expensive		1	0.4%
Easy to get and near home		1	0.4%
Easy to reach and reasonable price		1	0.4%
Fair price		1	0.4%
Fair price and fresh		1	0.4%
Fish are available at affordable prices according to her capital		1	0.4%
Fish available		1	0.4%
Fish is accessible at affordable prices		1	0.4%
Fish is available at affordable prices		2	0.8%
Fish is easily accessible at the landing site		1	0.4%
Fish is easily available at the landing site		2	0.8%
Fish is only found at fish Market		1	0.4%
Fish landed		5	2.1%
Fish landed by fishers		1	0.4%
Fish landed here		1	0.4%
Fisher That is only source		1	0.4%
Fishers land catch and sell it		1	0.4%
Fresh		4	1.7%
Fresh caught fish		1	0.4%
Fresh, fair price,		1	0.4%
From local fishermen		1	0.4%
Good fish and easy accessible		1	0.4%
Good price		2	0.8%
I source from any, not specific person		1	0.4%
Is only source we have		1	0.4%
Is the only fish market		1	0.4%

Is the only place where fish is available	1	0.4%
Is the only place where you can get at a good price	1	0.4%
It has been a source that she is used to and she can readily purchase fish	1	0.4%
It is the only source available	1	0.4%
It's because fish is readily available from fisherfolks	1	0.4%
Its the only source available	1	0.4%
Its the only way	1	0.4%
Lacally caught fish is only available	1	0.4%
Landed by fisher s	1	0.4%
Landed by fishers	2	0.8%
Landed fish	4	1.7%
Local fish is only fish available	1	0.4%
Locally available	7	2.9%
Locally caught	2	0.8%
Locally caught fish	2	0.8%
Locally caught fish are the available fish in our area	1	0.4%
Locally caught fish is only available	6	2.5%
Locally caught fish is only fish available	10	4.2%
Locally caught fish is the only available	1	0.4%
Locally caught fish is the only fish available	16	6.7%
Locally caught fish is the only fisherfolk available	1	0.4%
Locally caught is only fish available	1	0.4%
Locally caught small scale fisherfolk is the only fish available	1	0.4%
Locally caught small scale fisherfolk is the only fish available	9	3.8%
Locally sold	1	0.4%
Low price	1	0.4%
Low price and easily accessible	1	0.4%
Market favourable	1	0.4%
Napaa samaki	1	0.4%
Near and easy accessible	1	0.4%
Near home and easy accessible	3	1.3%
Not applicable	1	0.4%
Only available source	1	0.4%
Only fish available	4	1.7%
Only locally cought fish is available	1	0.4%
Only means	1	0.4%
Only place where fish is available	1	0.4%
Only place where fish is sold	1	0.4%
Only source	14	5.9%

Only source available		3	1.3%
Only source for dagaa		1	0.4%
Only source local fisher		1	0.4%
Only source we have		2	0.8%
Quality		2	0.8%
Reasonable price		1	0.4%
Safety		1	0.4%
She stays close to the landing site, fishermen know her, she can purchase at affordable prices		1	0.4%
Sufficient availability of fish from the source		1	0.4%
That is the only source		1	0.4%
That is what is available		2	0.8%
That is what is available		1	0.4%
The only area provided by the government for selling fish		1	0.4%
The only available at landing site		1	0.4%
The only available source		1	0.4%
The only fish available		1	0.4%
The only source available		2	0.8%
There is good security		1	0.4%
They are available at affordable prices		3	1.3%
They are available at friendly prices		1	0.4%
They are available at the landing site		1	0.4%
They are easily accessible at the landing site		5	2.1%
They are easily accessible at the landing sites		2	0.8%
They are easily available		2	0.8%
They are easily available at this source		1	0.4%
They are readily accessible at landing sites		1	0.4%
They are readily accessible at the landing site		1	0.4%
They are readily accessible at the landing sites		1	0.4%
They sell at low price		1	0.4%
We get fresh fish with low price		1	0.4%
We live close to the landing sites, they sell at affordable prices		1	0.4%
We need fresh fish		1	0.4%
they are easily accessible at the landing sites		1	0.4%

#### X1\_6\_4\_WHO\_DO\_YOU\_BUY\_YOUR\_F: 1.6.4 Who do you buy your fish from?

Data file: data\_anon\_ind

#### Overview

Valid: 244

Type: Discrete Width: 183 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Any fisher who sells fish or fish auction at landing site		200	82%
Any fisher who sells fish or fish auction at landing site Close Family Member who fishes (Husband/Spouse/Sibling/Parent)		4	1.6%
Any fisher who sells fish or fish auction at landing site Distant Family Member or Friend who fishes		1	0.4%
Any fisher who sells fish or fish auction at landing site Distant Family Member or Friend who fishes Close Family Member who fishes (Husband/Spouse/Sibling/Parent) Retailer/Wholesaler		1	0.4%
Any fisher who sells fish or fish auction at landing site Distant Family Member or Friend who fishes Retailer/Wholesaler		1	0.4%
Any fisher who sells fish or fish auction at landing site Retailer/Wholesaler		10	4.1%
Close Family Member who fishes (Husband/Spouse/Sibling/Parent)		3	1.2%
Close Family Member who fishes (Husband/Spouse/Sibling/Parent) Any fisher who sells fish or fish auction at landing site		2	0.8%
Distant Family Member or Friend who fishes		3	1.2%
Retailer/Wholesaler		13	5.3%
Retailer/Wholesaler Any fisher who sells fish or fish auction at landing site		5	2%
Retailer/Wholesaler Any fisher who sells fish or fish auction at landing site Distant Family Member or Friend who fishes		1	0.4%

**X1\_6\_4\_WHO\_DO\_YOU\_BUY\_YOUR\_F.1: 1.6.4 Who do you buy your fish from?/Close Family Member who fishes (Husband/Spouse/Sibling/Parent)**

Data file: data\_anon\_ind

**Overview**

Valid: 244 Invalid: 38

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	234	95.9%
2	Yes	10	4.1%
Sysmiss		38	

**X1\_6\_4\_WHO\_DO\_YOU\_BUY\_YOUR\_F.2: 1.6.4 Who do you buy your fish from?/Distant Family Member or Friend who fishes****Data file:** data\_anon\_ind**Overview**

Valid: 244 Invalid: 38

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	237	97.1%
2	Yes	7	2.9%
Sysmiss		38	

**X1\_6\_4\_WHO\_DO\_YOU\_BUY\_YOUR\_F.3: 1.6.4 Who do you buy your fish from?/Any fisher who sells fish or fish auction at landing site****Data file:** data\_anon\_ind**Overview**

Valid: 244 Invalid: 38

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	19	7.8%
2	Yes	225	92.2%
Sysmiss		38	

**X1\_6\_4\_WHO\_DO\_YOU\_BUY\_YOUR\_F.4: 1.6.4 Who do you buy your fish from?/Retailer/Wholesaler****Data file:** data\_anon\_ind**Overview**

Valid: 244 Invalid: 38

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	213	87.3%
2	Yes	31	12.7%
Sysmiss		38	

**X1\_6\_5\_WHY\_DO\_YOU\_SOURCE\_FIS: 1.6.5 Why do you source fish from this person/group of people? Example answers - fisher is husband or family member, we work together OR fisher is friend and gives good prices**

**Data file: data\_anon\_ind**

## Overview

Valid: 236 Invalid: 0

Type: Discrete Width: 72 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Affordability		1	0.4%
Affordable price		1	0.4%
Affordable price and availability		1	0.4%
Affordable price and fish availability		4	1.7%
Affordable price and good quality		1	0.4%
Any one		1	0.4%
Any one who sells at good price and has the fish that i need		1	0.4%
Any person who sells fish at a good price		1	0.4%
As longer as fish is available		1	0.4%
Auction is the areas set for fish business		1	0.4%
Availability		10	4.2%
Availability and accessibility		1	0.4%
Availability and good price		1	0.4%
Availability and price		3	1.3%
Availability of fish		1	0.4%
Availability of fishers		1	0.4%
Available		1	0.4%
Because of good price		2	0.8%
Buy at affordable prices		1	0.4%
Buy in low price		1	0.4%
Buying to any fisher		1	0.4%
Cheap price		1	0.4%



Customer		1	0.4%
Dagaa can only be bough from there		1	0.4%
Depending on the price of the fish		1	0.4%
Depends on the fish prices		1	0.4%
Depends on the price of the fish		1	0.4%
Easily available		1	0.4%
Easily available at fish market		1	0.4%
Easy to get business each day		1	0.4%
Easy to get with reasonable price		1	0.4%
Fair		1	0.4%
Family member		1	0.4%
Family members		3	1.3%
Fish is husband		1	0.4%
Fish landed		7	3%
Fish quality and good price		1	0.4%
Fisher is husband		1	0.4%
Fisher is one catch fish and sell		1	0.4%
Fisher sells at a good price		2	0.8%
Fisherman land catch and sell		1	0.4%
For dagaa this is the only source		1	0.4%
Fresh fish		1	0.4%
Gives good price		2	0.8%
Good and affordable price		2	0.8%
Good price		36	15.3%
Good price and availability		2	0.8%
Good price and fish availability		19	8.1%
Good prices		1	0.4%
Good quality and price		1	0.4%
He gave the fish for the money I have not of quantity or of market price		1	0.4%
He sells at affordable prices		3	1.3%
He supplies at affordable prices		1	0.4%
Husband and availability		1	0.4%
If the fisher arrives with the type of fish i want		1	0.4%
It depends who has fish with good condition and price.		1	0.4%
It the only way to buy fish, from the boats		1	0.4%
Just to have multiple options		1	0.4%
Land fish		1	0.4%
Landed by any		1	0.4%
Landed by any fisher		1	0.4%

Landed by fishers		2	0.8%
Landed fish		1	0.4%
Low price		1	0.4%
Many chances to get		1	0.4%
Moderate price sometimes		1	0.4%
Most of the time fish are auctioned		1	0.4%
N/A		4	1.7%
Na		22	9.3%
Nil		1	0.4%
No		2	0.8%
Normally		1	0.4%
Only available source		1	0.4%
Price varies		1	0.4%
Quality and price of fish		1	0.4%
Quality fish		2	0.8%
Reasonable price		1	0.4%
She just looks a person who sells fish at a low price		1	0.4%
She/he sells fish at a good price		1	0.4%
Sold in auction		1	0.4%
Some fishers don't sell in retail		1	0.4%
Still equal chances		1	0.4%
That is what is available		1	0.4%
The one who sells fish is my children		1	0.4%
The only available source		1	0.4%
The only source		1	0.4%
They give good prices		1	0.4%
They have friendly prices		1	0.4%
They offer at affordable prices		1	0.4%
They sell at affordable prices		35	14.8%
They sell fish at affordable prices		1	0.4%
Who gives a good price		1	0.4%
Willing to sell to me		1	0.4%

## X1\_6\_6\_ARE\_THERE\_TIMES\_WHEN\_: 1.6.6 Are there times when you decide not to buy fish?

Data file: data\_anon\_ind

### Overview

Valid: 244 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		37	15.2%
Yes		207	84.8%

### X1\_6\_7\_WHY\_WOULD\_THIS\_BE\_THE: 1.6.7 Why would this be the case?

Data file: data\_anon\_ind

#### Overview

Valid: 233

Type: Discrete Width: 121 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
An increase of prices, seasonal changes leading to scarcity of fish		1	0.4%
At times we buy Dagaa if the availability of fish is low		1	0.4%
Availability and price		1	0.4%
Availability of fish is very poor because of weather conditions		1	0.4%
Availability, rain season		1	0.4%
Bad weather		1	0.4%
Because i have no other source of money		1	0.4%
Because of demand of fish		1	0.4%
Capital		1	0.4%
Cause its my only business		1	0.4%
Changes in weather and price		1	0.4%
Changing diet		1	0.4%
Climatic and seasonal changes		1	0.4%
Competition and high prices		1	0.4%
Daily business		2	0.9%
Due to high costs		1	0.4%
Expensive		1	0.4%
Expensive, won't make profit		1	0.4%
Few fish as per price, rotten fish		1	0.4%
Fish being expensive, Insufficient capital		1	0.4%
Fish is not available		5	2.1%

Fish is not available and due to high price	1	0.4%
Fish is not available and lack of capital is another reason	1	0.4%
Fish is not available and the price is very high	1	0.4%
Fish is not available at the landing site	1	0.4%
Fish is not available in landing site	1	0.4%
Fish is too expensive and sometime not available	1	0.4%
Fish is very expensive	1	0.4%
Fish not available	1	0.4%
Fish not available in the market	1	0.4%
Fish price is too high and lack of capital	1	0.4%
Fish shortage and lack of capital	1	0.4%
Fish unavailability and high costs	1	0.4%
Fish unavailability and high price	2	0.9%
Fish unavailability and lack of capital	1	0.4%
Fisherfolk go to another river	1	0.4%
For a change	1	0.4%
Government operations against illegal fishing	1	0.4%
High price	1	0.4%
High buying prices, spoilage, rainfall	1	0.4%
High catch	1	0.4%
High price	24	10.3%
High price and Fish Quality	1	0.4%
High price and Quality	1	0.4%
High price and availability	1	0.4%
High price and availability of fish	1	0.4%
High price and fish unavailability	1	0.4%
High price and lack capital	1	0.4%
High price and lack of capital	1	0.4%
High price due to lack of fish	1	0.4%
High price due to shortage of fish	1	0.4%
High price of fish	1	0.4%
High price of the fish	1	0.4%
High price, fish too small and wont pay off, poor quality fish	1	0.4%
High price, rain season	1	0.4%
High price, rotten fish	2	0.9%
High price; quality	1	0.4%
High prices	8	3.4%
High prices and less fish	1	0.4%
High prices of fish	1	0.4%

High prices of fish, low capital		1	0.4%
High prices, bad weather		1	0.4%
High prices, poor weather		1	0.4%
High prices, rainfall		1	0.4%
High prices, scarcity of fish due to seasonal changes		1	0.4%
High temperature affects fish availability, always fish catches decline		1	0.4%
I don't have money to buy		1	0.4%
I opt for another food		1	0.4%
I opt for beans or green vegetables instead		1	0.4%
If its too expensive not affordable, or if weather is bad		1	0.4%
If they are not available or in case of an emergency		1	0.4%
If they are too expensive		1	0.4%
Insufficient capital		15	6.4%
Insufficient capital to purchase fish		1	0.4%
Insufficient capital, low fish/dagaa catches		1	0.4%
Its my business I have to buy everyday		1	0.4%
Lack of capital		11	4.7%
Lack of capital and fish unavailability		1	0.4%
Lack of capital, fish is very expensive		1	0.4%
Lack of money		4	1.7%
Lack of money (poor economy)		1	0.4%
Less capital/ broke		1	0.4%
Little fish, high prices, spoilage , bad weather, not feeling well		1	0.4%
Losses due to change in weather		1	0.4%
Market price and demand		1	0.4%
Menu plan		1	0.4%
Much availability on that day or being given without payment		1	0.4%
N/A		2	0.9%
Na		4	1.7%
Need to trade and feed family		1	0.4%
No an alternative job to do		1	0.4%
No fish		1	0.4%
No income		1	0.4%
No money		1	0.4%
None		1	0.4%
Not available		1	0.4%
Not available or expensive		1	0.4%
Not planned		1	0.4%
Opt for another source		1	0.4%

Poor Quality of the fish		1	0.4%
Poor availability of fish		1	0.4%
Poor capital		1	0.4%
Poor fish quality		1	0.4%
Price		1	0.4%
Price and availability		1	0.4%
Price factor		1	0.4%
Price fluctuation		1	0.4%
Price high		1	0.4%
Price is high		2	0.9%
Price, lack of capacity to buy at high price		1	0.4%
Price, quality, size of fish too small		1	0.4%
Price, weather as my business is dependent on rainfall, quality of fish		1	0.4%
Prices		2	0.9%
Pricy		1	0.4%
Rain seasons		1	0.4%
Rainfall		2	0.9%
Rainfall, high prices		1	0.4%
Rainfall, spoilage		1	0.4%
Raining		1	0.4%
Rainy days		1	0.4%
Rotten fish, high price		1	0.4%
Rough weather which lead to fish in availability		1	0.4%
Seasonal changes, leading to low fish catches and high prices... Fear of getting loses due to high prices of buying fish		1	0.4%
Selection of fish spp		1	0.4%
Sell both fresh and dried		1	0.4%
She does not buy dagaa on Sundays because she goes for prayers		1	0.4%
She process what other women buy - cleaning only		1	0.4%
Shortage of fish due to bad weather( strong wind) which affect fishing activities		1	0.4%
Sometimes fisherfolk didn't have the fish because of weather conditions.		1	0.4%
Spoilage, no capital due to loss		1	0.4%
They are expensive		1	0.4%
Too expenses		1	0.4%
Too expensive		12	5.2%
Too expensive and not available		1	0.4%
Too expensive due toe scarcity		1	0.4%
Udhamini or price high		1	0.4%
Ugh price due to fish in availability		1	0.4%

Usually buy fish		1	0.4%
Very high price		1	0.4%
Weather		1	0.4%
Weather conditions fisherfolk didn't catch a fish		1	0.4%
When prices are high		2	0.9%
When the child is ill, she has to rest from work		1	0.4%
When the price is high		1	0.4%
When the price is higher		1	0.4%
When there are heavy rains, insufficient capital		1	0.4%
When there is higher catch		1	0.4%
When they are expensive		1	0.4%
When weather is not conducive		1	0.4%
When weather is not good or when its too expensive to buy		1	0.4%

## X1\_6\_8\_WHAT\_ARE\_THE\_MAIN\_BAR: 1.6.8 What are the main barriers you face in buying fish?

Data file: data\_anon\_ind

### Overview

Valid: 243

Type: Discrete Width: 125 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Fish is not available in the market		17	7%
Fish is not available in the market Fish is of poor quality/unsafe to consume		2	0.8%
Fish is not available in the market Fish is of poor quality/unsafe to consume Price is too high		6	2.5%
Fish is not available in the market Price is too high		79	32.5%
Fish is not available in the market Price is too high Fish is of poor quality/unsafe to consume		3	1.2%
Fish is not available in the market Price is too high Too time consuming to prepare		1	0.4%
Fish is of poor quality/unsafe to consume		2	0.8%
Fish is of poor quality/unsafe to consume Fish is not available in the market Price is too high		1	0.4%
Fish is of poor quality/unsafe to consume Price is too high		3	1.2%
Fish is of poor quality/unsafe to consume Price is too high Fish is not available in the market		2	0.8%
Price is too high		75	30.9%
Price is too high Fish is not available in the market		30	12.3%
Price is too high Fish is not available in the market Fish is of poor quality/unsafe to consume		10	4.1%
Price is too high Fish is not available in the market Fish is of poor quality/unsafe to consume Too time consuming to prepare		1	0.4%

Price is too high Fish is not available in the market Too time consuming to prepare		1	0.4%
Price is too high Fish is of poor quality/unsafe to consume		2	0.8%
Price is too high Fish is of poor quality/unsafe to consume Fish is not available in the market		6	2.5%
Too time consuming to prepare		1	0.4%
Too time consuming to prepare Price is too high		1	0.4%

### X1\_6\_8\_WHAT\_ARE\_THE\_MAIN\_BAR.1: 1.6.8 What are the main barriers you face in buying fish?/Fish is not available in the market

Data file: data\_anon\_ind

#### Overview

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	84	34.6%
2	Yes	159	65.4%
Sysmiss		39	

### X1\_6\_8\_WHAT\_ARE\_THE\_MAIN\_BAR.2: 1.6.8 What are the main barriers you face in buying fish?/Fish is of poor quality/unsafe to consume

Data file: data\_anon\_ind

#### Overview

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	205	84.4%
2	Yes	38	15.6%
Sysmiss		39	

### X1\_6\_8\_WHAT\_ARE\_THE\_MAIN\_BAR.3: 1.6.8 What are the main barriers you face in buying



**fish?/Too time consuming to prepare****Data file:** data\_anon\_ind**Overview**

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	238	97.9%
2	Yes	5	2.1%
Sysmiss		39	

**X1\_6\_8\_WHAT\_ARE\_THE\_MAIN\_BAR.4: 1.6.8 What are the main barriers you face in buying fish?/Price is too high****Data file:** data\_anon\_ind**Overview**

Valid: 243 Invalid: 39

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	22	9.1%
2	Yes	221	90.9%
Sysmiss		39	

**X1\_6\_9\_DO\_YOU\_FEEL\_THAT\_YOUR: 1.6.9 Do you feel that your access to fish is there when you need it when in season?****Data file:** data\_anon\_ind**Overview**

Valid: 244 Invalid: 0

Type: Discrete Width: 97 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Certain (always know I can get the fish I need)		61	25%
Usually certain (most days I get the fish I need from the source I want)		120	49.2%
Very uncertain (I often have to search for fish and end up without fish at least 3 days per week)		63	25.8%

**FISHING\_184: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fishing**

Data file: data\_anon\_ind

### Overview

Valid: 190 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
All		5	2.6%
No		165	86.8%
No No Input		4	2.1%
Yes		13	6.8%
Yes Little		1	0.5%
Yes Moderate		2	1.1%

**FISHING\_YES: Fishing/Yes**

Data file: data\_anon\_ind

### Overview

Valid: 190 Invalid: 92

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	174	91.6%
2	Yes	16	8.4%
Sysmiss		92	

**FISHING\_NO: Fishing/No****Data file:** data\_anon\_ind**Overview**

Valid: 190 Invalid: 92

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	21	11.1%
2	Yes	169	88.9%
Sysmiss		92	

**FISHING\_NO\_INPUT: Fishing/No Input****Data file:** data\_anon\_ind**Overview**

Valid: 190 Invalid: 92

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	186	97.9%
2	Yes	4	2.1%
Sysmiss		92	

**FISHING\_LITTLE: Fishing/Little****Data file:** data\_anon\_ind**Overview**

Valid: 190 Invalid: 92

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	189	99.5%
2	Yes	1	0.5%
Sysmiss		92	

## FISHING\_MODERATE: Fishing/Moderate

Data file: data\_anon\_ind

### Overview

Valid: 190 Invalid: 92

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	188	98.9%
2	Yes	2	1.1%
Sysmiss		92	

## FISHING\_ALL: Fishing/All

Data file: data\_anon\_ind

### Overview

Valid: 190 Invalid: 92

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	185	97.4%
2	Yes	5	2.6%
Sysmiss		92	

**FISH\_BUYING\_191: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish buying**

Data file: data\_anon\_ind

**Overview**

Valid: 255 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
All		2	0.8%
Little		1	0.4%
Moderate		6	2.4%
No		18	7.1%
No Input		1	0.4%
Yes		126	49.4%
Yes All		11	4.3%
Yes Little		16	6.3%
Yes Moderate		72	28.2%
Yes No Input		2	0.8%

**FISH\_BUYING\_YES: Fish buying/Yes**

Data file: data\_anon\_ind

**Overview**

Valid: 255 Invalid: 27

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	28	11%
2	Yes	227	89%
Sysmiss		27	

**FISH\_BUYING\_NO: Fish buying/No**

Data file: data\_anon\_ind

**Overview**

Valid: 255 Invalid: 27

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	237	92.9%
2	Yes	18	7.1%
Sysmiss		27	

### **FISH\_BUYING\_NO\_INPUT: Fish buying/No Input**

Data file: data\_anon\_ind

#### Overview

Valid: 255 Invalid: 27

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	252	98.8%
2	Yes	3	1.2%
Sysmiss		27	

### **FISH\_BUYING\_LITTLE: Fish buying/Little**

Data file: data\_anon\_ind

#### Overview

Valid: 255 Invalid: 27

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	238	93.3%
2	Yes	17	6.7%
Sysmiss		27	

**FISH\_BUYING\_MODERATE: Fish buying/Moderate****Data file:** data\_anon\_ind**Overview**

Valid: 255 Invalid: 27

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	177	69.4%
2	Yes	78	30.6%
Sysmiss		27	

**FISH\_BUYING\_ALL: Fish buying/All****Data file:** data\_anon\_ind**Overview**

Valid: 255 Invalid: 27

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	242	94.9%
2	Yes	13	5.1%
Sysmiss		27	

**FISH\_PROCESSING\_198: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish processing****Data file:** data\_anon\_ind**Overview**

Valid: 249 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Moderate		6	2.4%
No		56	22.5%
No Input		1	0.4%
No Moderate		1	0.4%
No No Input		1	0.4%
Yes		131	52.6%
Yes All		10	4%
Yes Little		8	3.2%
Yes Moderate		30	12%
Yes No		1	0.4%
Yes No Input		4	1.6%

### FISH\_PROCESSING\_YES: Fish processing/Yes

Data file: data\_anon\_ind

#### Overview

Valid: 249 Invalid: 33

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	65	26.1%
2	Yes	184	73.9%
Sysmiss		33	

### FISH\_PROCESSING\_NO: Fish processing/No

Data file: data\_anon\_ind

#### Overview

Valid: 249 Invalid: 33

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	190	76.3%



2	Yes	59	23.7%
Sysmiss		33	

## FISH\_PROCESSING\_NO\_INPUT: Fish processing/No Input

Data file: data\_anon\_ind

### Overview

Valid: 249 Invalid: 33

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	243	97.6%
2	Yes	6	2.4%
Sysmiss		33	

## FISH\_PROCESSING\_LITTLE: Fish processing/Little

Data file: data\_anon\_ind

### Overview

Valid: 249 Invalid: 33

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	241	96.8%
2	Yes	8	3.2%
Sysmiss		33	

## FISH\_PROCESSING\_MODERATE: Fish processing/Moderate

Data file: data\_anon\_ind

### Overview

Valid: 249 Invalid: 33

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	212	85.1%
2	Yes	37	14.9%
Sysmiss		33	

### FISH\_PROCESSING\_ALL: Fish processing/All

Data file: data\_anon\_ind

#### Overview

Valid: 249 Invalid: 33

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	239	96%
2	Yes	10	4%
Sysmiss		33	

### FISH\_STORAGE\_205: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish storage

Data file: data\_anon\_ind

#### Overview

Valid: 200 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All		4	2%
Little		1	0.5%
Moderate		3	1.5%
No		120	60%

No Input		2	1%
No Moderate		3	1.5%
No No Input		2	1%
Yes		49	24.5%
Yes All		4	2%
Yes Little		2	1%
Yes Moderate		10	5%

## FISH\_STORAGE\_YES: Fish storage/Yes

Data file: data\_anon\_ind

### Overview

Valid: 200 Invalid: 82

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	135	67.5%
2	Yes	65	32.5%
Sysmiss		82	

## FISH\_STORAGE\_NO: Fish storage/No

Data file: data\_anon\_ind

### Overview

Valid: 200 Invalid: 82

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	75	37.5%
2	Yes	125	62.5%
Sysmiss		82	

**FISH\_STORAGE\_NO\_INPUT: Fish storage/No Input****Data file:** data\_anon\_ind**Overview**

Valid: 200 Invalid: 82

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	196	98%
2	Yes	4	2%
Sysmiss		82	

**FISH\_STORAGE\_LITTLE: Fish storage/Little****Data file:** data\_anon\_ind**Overview**

Valid: 200 Invalid: 82

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	197	98.5%
2	Yes	3	1.5%
Sysmiss		82	

**FISH\_STORAGE\_MODERATE: Fish storage/Moderate****Data file:** data\_anon\_ind**Overview**

Valid: 200 Invalid: 82

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	184	92%

2	Yes	16	8%
Sysmiss		82	

## FISH\_STORAGE\_ALL: Fish storage/All

Data file: data\_anon\_ind

### Overview

Valid: 200 Invalid: 82

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	192	96%
2	Yes	8	4%
Sysmiss		82	

## FISH\_TRANSPORTATION\_212: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish transportation

Data file: data\_anon\_ind

### Overview

Valid: 223 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
All		3	1.3%
Moderate		5	2.2%
No		132	59.2%
No Input		4	1.8%
No No Input		1	0.4%
Yes		69	30.9%
Yes Little		1	0.4%
Yes Moderate		8	3.6%

**FISH\_TRANSPORTATION\_YES: Fish transportation/Yes****Data file:** data\_anon\_ind**Overview**

Valid: 223 Invalid: 59

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	145	65%
2	Yes	78	35%
Sysmiss		59	

**FISH\_TRANSPORTATION\_NO: Fish transportation/No****Data file:** data\_anon\_ind**Overview**

Valid: 223 Invalid: 59

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	90	40.4%
2	Yes	133	59.6%
Sysmiss		59	

**FISH\_TRANSPORTATION\_NO\_INPUT: Fish transportation/No Input****Data file:** data\_anon\_ind**Overview**

Valid: 223 Invalid: 59

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	218	97.8%

2	Yes	5	2.2%
Sysmiss		59	

## FISH\_TRANSPORTATION\_LITTLE: Fish transportation/Little

Data file: data\_anon\_ind

### Overview

Valid: 223 Invalid: 59

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	222	99.6%
2	Yes	1	0.4%
Sysmiss		59	

## FISH\_TRANSPORTATION\_MODERATE: Fish transportation/Moderate

Data file: data\_anon\_ind

### Overview

Valid: 223 Invalid: 59

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	210	94.2%
2	Yes	13	5.8%
Sysmiss		59	

## FISH\_TRANSPORTATION\_ALL: Fish transportation/All

Data file: data\_anon\_ind

### Overview

Valid: 223 Invalid: 59

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	220	98.7%
2	Yes	3	1.3%
Sysmiss		59	

**FISH\_MARKETING\_SELLING\_TRADI: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Fish marketing (selling/trading of fish)**

Data file: data\_anon\_ind

### Overview

Valid: 250 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All		1	0.4%
Little		1	0.4%
Moderate		5	2%
No		17	6.8%
No Input		2	0.8%
No Moderate		1	0.4%
Yes		129	51.6%
Yes All		12	4.8%
Yes Little		12	4.8%
Yes Moderate		68	27.2%
Yes No		1	0.4%
Yes No Input		1	0.4%

**FISH\_MARKETING\_SELLING\_TRADI.1: Fish marketing (selling/trading of fish)/Yes**

Data file: data\_anon\_ind

### Overview

Valid: 250 Invalid: 32



Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	27	10.8%
2	Yes	223	89.2%
Sysmiss		32	

## FISH\_MARKETING\_SELLING\_TRADI.2: Fish marketing (selling/trading of fish)/No

Data file: data\_anon\_ind

### Overview

Valid: 250    Invalid: 32

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	231	92.4%
2	Yes	19	7.6%
Sysmiss		32	

## FISH\_MARKETING\_SELLING\_TRADI.3: Fish marketing (selling/trading of fish)/No Input

Data file: data\_anon\_ind

### Overview

Valid: 250    Invalid: 32

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	247	98.8%
2	Yes	3	1.2%
Sysmiss		32	

**FISH\_MARKETING\_SELLING\_TRADI.4: Fish marketing (selling/trading of fish)/Little****Data file:** data\_anon\_ind**Overview**

Valid: 250 Invalid: 32

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	237	94.8%
2	Yes	13	5.2%
Sysmiss		32	

**FISH\_MARKETING\_SELLING\_TRADI.5: Fish marketing (selling/trading of fish)/Moderate****Data file:** data\_anon\_ind**Overview**

Valid: 250 Invalid: 32

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	176	70.4%
2	Yes	74	29.6%
Sysmiss		32	

**FISH\_MARKETING\_SELLING\_TRADI.6: Fish marketing (selling/trading of fish)/All****Data file:** data\_anon\_ind**Overview**

Valid: 250 Invalid: 32

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	237	94.8%

2	Yes	13	5.2%
Sysmiss		32	

**OTHER\_INCOME\_GENERATING\_E\_G\_1: 1.7.1.1 Did you (singular) participate in these activities in the past 12 months? How much input did you have in making decisions for each activity? (Only answer Yes or No. If yes answer one of the other choices) / Other income generating (e.g. small busi**

Data file: data\_anon\_ind

## Overview

Valid: 227 Invalid: 0

Type: Discrete Width: 12 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All		6	2.6%
Moderate		1	0.4%
No		149	65.6%
No Input		1	0.4%
No Moderate		1	0.4%
No No Input		3	1.3%
Yes		43	18.9%
Yes All		7	3.1%
Yes Little		7	3.1%
Yes Moderate		7	3.1%
Yes No Input		2	0.9%

**OTHER\_INCOME\_GENERATING\_E\_G\_1: Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/Yes**

Data file: data\_anon\_ind

## Overview

Valid: 227 Invalid: 55

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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1	No	161	70.9%
2	Yes	66	29.1%
Sysmiss		55	

**OTHER\_INCOME\_GENERATING\_E\_G\_2: Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/No**

Data file: data\_anon\_ind

### Overview

Valid: 227 Invalid: 55

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	74	32.6%
2	Yes	153	67.4%
Sysmiss		55	

**OTHER\_INCOME\_GENERATING\_E\_G\_3: Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/No Input**

Data file: data\_anon\_ind

### Overview

Valid: 227 Invalid: 55

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No	221	97.4%
2	Yes	6	2.6%
Sysmiss		55	

**OTHER\_INCOME\_GENERATING\_E\_G\_4: Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/Little**

Data file: data\_anon\_ind

**Overview**

Valid: 227 Invalid: 55

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	220	96.9%
2	Yes	7	3.1%
Sysmiss		55	

**OTHER\_INCOME\_GENERATING\_E\_G\_.5: Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/Moderate**

Data file: data\_anon\_ind

**Overview**

Valid: 227 Invalid: 55

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	218	96%
2	Yes	9	4%
Sysmiss		55	

**OTHER\_INCOME\_GENERATING\_E\_G\_.6: Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)/All**

Data file: data\_anon\_ind

**Overview**

Valid: 227 Invalid: 55

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	214	94.3%

2	Yes	13	5.7%
Sysmiss		55	

### **FISHING\_234: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fishing**

Data file: data\_anon\_ind

#### **Overview**

Valid: 201 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
All		7	3.5%
Little		9	4.5%
Moderate		11	5.5%
None		174	86.6%

### **FISH\_BUYING\_235: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish buying**

Data file: data\_anon\_ind

#### **Overview**

Valid: 253 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
All		64	25.3%
Little		29	11.5%
Moderate		114	45.1%
None		46	18.2%

### **FISH\_PROCESSING\_236: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish processing**

Data file: data\_anon\_ind

**Overview**

Valid: 248 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
All		58	23.4%
Little		35	14.1%
Moderate		73	29.4%
None		82	33.1%

**FISH\_STORAGE\_237: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish storage**

Data file: data\_anon\_ind

**Overview**

Valid: 209 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
All		29	13.9%
Little		23	11%
Moderate		27	12.9%
None		130	62.2%

**FISH\_TRANSPORTATION\_238: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish transportation**

Data file: data\_anon\_ind

**Overview**

Valid: 220 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
All		24	10.9%
Little		29	13.2%
Moderate		27	12.3%
None		140	63.6%

### **FISH\_MARKETING\_SELLING\_TRADI.7: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Fish marketing (selling/trading of fish)**

Data file: data\_anon\_ind

#### **Overview**

Valid: 253 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
All		66	26.1%
Little		24	9.5%
Moderate		119	47%
None		44	17.4%

### **OTHER\_INCOME\_GENERATING\_E\_G\_.7: 1.7.1.2 How much input did you have in decisions on the use of income in each of these activities? / Other income generating (e.g. small business such as grocery, making/selling mats, agricultural production (crops), livestock rearing, etc)**

Data file: data\_anon\_ind

#### **Overview**

Valid: 232 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
All		25	10.8%
Little		40	17.2%
Moderate		30	12.9%
None		137	59.1%



**LOCALLY\_PRODUCED\_FISHING\_EQU: 1.7.2.1 Do you or anyone in your household currently have any of the following? / Locally-produced fishing equipment (e.g., baskets)****Data file:** data\_anon\_ind**Overview**

Valid: 278 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		192	69.1%
Yes		86	30.9%

**IMPORTED\_PRODUCED\_FISHING\_EQ: 1.7.2.1 Do you or anyone in your household currently have any of the following? / Imported produced fishing equipment (e.g. synthetic nets, hooks, line)****Data file:** data\_anon\_ind**Overview**

Valid: 257 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		226	87.9%
Yes		31	12.1%

**TRANSPORTATION\_EQUIPMENT\_TO\_: 1.7.2.1 Do you or anyone in your household currently have any of the following? / Transportation equipment to collect fish****Data file:** data\_anon\_ind**Overview**

Valid: 262 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		209	79.8%
Yes		53	20.2%

**FISH\_PROCESSING\_EQUIPMENT\_E\_**: 1.7.2.1 Do you or anyone in your household currently have any of the following? / Fish processing equipment (e.g., drying mats, knives, etc.)

Data file: data\_anon\_ind

## Overview

Valid: 275 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

## CATEGORIES

Value	Category	Cases	
No		110	40%
Yes		165	60%

**FISH\_STORAGE\_EQUIPMENT\_E\_G\_S**: 1.7.2.1 Do you or anyone in your household currently have any of the following? / Fish storage equipment (e.g., sacks, bundles)

Data file: data\_anon\_ind

## Overview

Valid: 263 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

## CATEGORIES

Value	Category	Cases	
No		139	52.9%
Yes		124	47.1%

**MEANS\_OF\_COMMUNICATING\_E\_G\_C**: 1.7.2.1 Do you or anyone in your household currently have any of the following? / Means of communicating (e.g., cell phone)

Data file: data\_anon\_ind

## Overview

Valid: 280 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		32	11.4%
Yes		248	88.6%

**X1\_7\_2\_2\_HOW\_WAS\_EACH\_ITEM\_A: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained**

Data file: data\_anon\_ind

**Overview**

Valid: 251

Type: Discrete Width: 102 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
All items purchased from the market		1	0.4%
All were bought.		1	0.4%
Bough		1	0.4%
Bought		77	30.7%
Bought and fabricate		1	0.4%
Bought from the local market		4	1.6%
Bought from the market		40	15.9%
Bought in the local market		1	0.4%
Bought my self		1	0.4%
Bought self		3	1.2%
Buy		1	0.4%
Canoe bought		1	0.4%
Constructed locally		2	0.8%
Drying mats are hired, fish processing equipment and means of communication are bought from her income		1	0.4%
Drying mats are hired, knives are bought, phones are also bought		1	0.4%
Drying wires are bought, some of the fishing equipment is hired from the Municipal council		1	0.4%
Drying wires are hired, knives are bought, phones are bought		1	0.4%
Frying pans were given to her as presents, she buys the storage equipments on her own		1	0.4%
Gift from a brother		1	0.4%

Given by brother		1	0.4%
H		1	0.4%
I was purchased		1	0.4%
I was purchased my self		1	0.4%
Income generated from fishing business		1	0.4%
Income generated from tidying		1	0.4%
Inherited from late husband		1	0.4%
Knives Bought, Cellphone Bought, Basin Bought		1	0.4%
Knives are bought, the phone was given as a present		2	0.8%
NA		1	0.4%
Na		1	0.4%
Nil		3	1.2%
No		1	0.4%
None		3	1.2%
Not answered		1	0.4%
Not aplicable		1	0.4%
Not appicable		1	0.4%
Not applicable		10	4%
Not doing		1	0.4%
Purchase		1	0.4%
Purchased		13	5.2%
Purchased by loan		1	0.4%
Purchased from marketing		1	0.4%
Purchased from the market		12	4.8%
Purchased in the local market		2	0.8%
Purchased in the market		1	0.4%
Purchasesd		1	0.4%
Rent		1	0.4%
Rented		1	0.4%
Self Bought		1	0.4%
She bought the phone		1	0.4%
She bought them		2	0.8%
She buys them		1	0.4%
She purchase from the market		1	0.4%
She purchased from the local market		1	0.4%
She purchased them		1	0.4%
Some constructed using locally available materials and others purchased from the market		1	0.4%
The phone was given as a present, knives were bought		1	0.4%
The phone was given as a present, she buys her own storage equipment		1	0.4%

The phone was given to her as a present, she buys her own sacks		1	0.4%
They are all bought		1	0.4%
They are all purchased		1	0.4%
They have all been bought		1	0.4%
They were all purchased		2	0.8%
They were bought		11	4.4%
They were bought/purchased		1	0.4%
They were given to her as presents		1	0.4%
They were purchased		11	4.4%
They were purchued		1	0.4%
We purchased		1	0.4%
Yes		1	0.4%

### LOCALLY\_PRODUCED\_FISHING\_EQU.1: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Locally-produced fishing equipment (e.g., baskets)

Data file: data\_anon\_ind

#### Overview

Valid: 185 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Bought		93	50.3%
Gift		1	0.5%
Inherited		1	0.5%
Other		90	48.6%

### IMPORTED\_PRODUCED\_FISHING\_EQ.1: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Imported produced fishing equipment (e.g. synthetic nets, hooks, line)

Data file: data\_anon\_ind

#### Overview

Valid: 149 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Bought		35	23.5%
Inherited		1	0.7%
Other		113	75.8%

**TRANSPORTATION\_EQUIPMENT\_TO\_1: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Transportation equipment to collect fish**

Data file: data\_anon\_ind

### Overview

Valid: 157 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Bought		62	39.5%
Gift		1	0.6%
Inherited		1	0.6%
Other		93	59.2%

**FISH\_PROCESSING\_EQUIPMENT\_E\_1: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Fish processing equipment (e.g., drying mats, knives, etc.)**

Data file: data\_anon\_ind

### Overview

Valid: 224 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Bought		169	75.4%
Gift		1	0.4%
Inherited		3	1.3%

Other		51	22.8%
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### **FISH\_STORAGE\_EQUIPMENT\_E\_G\_S.1: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Fish storage equipment (e.g., sacks, bundles)**

Data file: data\_anon\_ind

#### **Overview**

Valid: 211 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
Bought		124	58.8%
Gift		2	0.9%
Inherited		3	1.4%
Other		82	38.9%

### **MEANS\_OF\_COMMUNICATION\_E\_G\_C: 1.7.2.2 How was each item acquired? Indicate below how the item was obtained / Means of communication (e.g. cell phone)**

Data file: data\_anon\_ind

#### **Overview**

Valid: 260 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
Bought		234	90%
Gift		10	3.8%
Inherited		2	0.8%
Other		14	5.4%

### **LOCALLY\_PRODUCED\_FISHING\_EQU.2: 1.8.3.1 If yes to the any of these, how many of the items does your household currently have? / Locally-produced fishing equipment (e.g., baskets)**

Data file: data\_anon\_ind

## Overview

Valid: 257 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		159	61.9%
1		34	13.2%
2		28	10.9%
3		11	4.3%
4		6	2.3%
5+		19	7.4%

**IMPORTED\_PRODUCED\_FISHING\_EQ.2: 1.8.3.1** If yes to the any of these, how many of the items does your household currently have? / Imported produced fishing equipment (e.g. synthetic nets, hooks, line)

Data file: data\_anon\_ind

## Overview

Valid: 220 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		186	84.5%
1		14	6.4%
2		4	1.8%
3		2	0.9%
5+		14	6.4%

**TRANSPORTATION\_EQUIPMENT\_TO\_.2: 1.8.3.1** If yes to the any of these, how many of the items does your household currently have? / Transportation equipment to collect fish

Data file: data\_anon\_ind

## Overview

Valid: 235 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		171	72.8%
1		16	6.8%
2		20	8.5%
3		6	2.6%
4		4	1.7%
5+		18	7.7%

**TOOLS\_E\_G\_DRYING\_MATS\_KNIVES: 1.8.3.1** If yes to the any of these, how many of the items does your household currently have? / Tools (e.g., drying mats, knives, etc.)

Data file: data\_anon\_ind

### Overview

Valid: 262 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		101	38.5%
1		45	17.2%
2		51	19.5%
3		25	9.5%
4		11	4.2%
5+		29	11.1%

**FISH\_PROCESSING\_EQUIPMENT\_26: 1.8.3.1** If yes to the any of these, how many of the items does your household currently have? / Fish processing equipment

Data file: data\_anon\_ind

### Overview

Valid: 248 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		124	50%
1		41	16.5%
2		37	14.9%
3		15	6%
4		9	3.6%
5+		22	8.9%

**FISH\_STORAGE\_EQUIPMENT\_E\_G\_S.2: 1.8.3.1** If yes to the any of these, how many of the items does your household currently have? / Fish storage equipment (e.g., sacks, bundles)

Data file: data\_anon\_ind

### Overview

Valid: 242 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		117	48.3%
1		35	14.5%
2		25	10.3%
3		17	7%
4		14	5.8%
5+		34	14%

**MEANS\_OF\_COMMUNICATION\_E\_G\_C.1: 1.8.3.1** If yes to the any of these, how many of the items does your household currently have? / Means of communication (e.g. cell phone)

Data file: data\_anon\_ind

### Overview

Valid: 269 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		58	21.6%

1		177	65.8%
2		24	8.9%
3		3	1.1%
4		3	1.1%
5+		4	1.5%

### LOCALLY\_PRODUCED\_FISHING\_EQU.3: 1.7.3.2 Who would you say owns most of the items below? Locally-produced fishing equipment (e.g., baskets)

Data file: data\_anon\_ind

#### Overview

Valid: 253 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		9	3.6%
NA		157	62.1%
Other Household member		4	1.6%
Spouse		10	4%
You		73	28.9%

### IMPORTED\_FISHING\_EQUIPMENT\_E: 1.7.3.2 Who would you say owns most of the items below? Imported fishing equipment (e.g. synthetic nets, hooks, line)

Data file: data\_anon\_ind

#### Overview

Valid: 229 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		5	2.2%
NA		197	86%
Other Household member		3	1.3%
Spouse		6	2.6%
You		18	7.9%

### TRANSPORTATION\_EQUIPMENT\_TO\_3: 1.7.3.2 Who would you say owns most of the items below? Transportation equipment to collect fish

Data file: data\_anon\_ind

#### Overview

Valid: 233 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		7	3%
NA		176	75.5%
Other Household member		3	1.3%
Spouse		4	1.7%
You		43	18.5%

### TOOLS\_E\_G\_DRYING\_MATS\_KNIVES.1: 1.7.3.2 Who would you say owns most of the items below? Tools (e.g., drying mats, knives, etc.)

Data file: data\_anon\_ind

#### Overview

Valid: 255 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		14	5.5%
NA		93	36.5%
Other Household member		4	1.6%
Spouse		5	2%
You		139	54.5%

### FISH\_PROCESSING\_EQUIPMENT\_26.1: 1.7.3.2 Who would you say owns most of the items below? Fish processing equipment

Data file: data\_anon\_ind

## Overview

Valid: 250 Invalid: 0  
 Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		10	4%
NA		128	51.2%
Other Household member		5	2%
Spouse		3	1.2%
You		104	41.6%

**FISH\_STORAGE\_EQUIPMENT\_E\_G\_S.3: 1.7.3.2 Who would you say owns most of the items below? Fish storage equipment (e.g., sacks, bundles)**

Data file: data\_anon\_ind

## Overview

Valid: 236 Invalid: 0  
 Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		18	7.6%
NA		114	48.3%
Other Household member		7	3%
Spouse		6	2.5%
You		91	38.6%

**MEANS\_OF\_COMMUNICATING\_E\_G\_C.1: 1.7.3.2 Who would you say owns most of the items below? Means of communicating (e.g., cell phone)**

Data file: data\_anon\_ind

## Overview

Valid: 264 Invalid: 0  
 Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		17	6.4%
NA		19	7.2%
Other Household member		7	2.7%
Spouse		10	3.8%
You		211	79.9%

**LOCALLY\_PRODUCED\_FISHING\_EQU.4: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Locally-produced fishing equipment (e.g., baskets)**

Data file: data\_anon\_ind

### Overview

Valid: 255 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		7	2.7%
NA		155	60.8%
Other household member		8	3.1%
Spouse		9	3.5%
You		76	29.8%

**EXTERNALLY\_PRODUCED\_FISHING\_: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Externally produced fishing equipment (e.g. synthetic nets, hooks, line)**

Data file: data\_anon\_ind

### Overview

Valid: 222 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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Equally shared between Spouse and I		6	2.7%
NA		188	84.7%
Other household member		5	2.3%
Spouse		6	2.7%
You		17	7.7%

### TRANSPORTATION\_EQUIPMENT\_TO\_4: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Transportation equipment to collect fish

Data file: data\_anon\_ind

#### Overview

Valid: 232 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		6	2.6%
NA		173	74.6%
Other household member		4	1.7%
Spouse		6	2.6%
You		43	18.5%

### TOOLS\_E\_G\_DRYING\_MATS\_KNIVES.2: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Tools (e.g., drying mats, knives, etc.)

Data file: data\_anon\_ind

#### Overview

Valid: 259 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		19	7.3%
NA		91	35.1%
Other household member		7	2.7%
Spouse		4	1.5%
You		138	53.3%

**FISH\_PROCESSING\_EQUIPMENT\_27: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Fish processing equipment****Data file:** data\_anon\_ind**Overview**

Valid: 250 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		15	6%
NA		120	48%
Other household member		9	3.6%
Spouse		5	2%
You		101	40.4%

**FISH\_STORAGE\_EQUIPMENT\_E\_G\_S.4: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Fish storage equipment (e.g., sacks, bundles)****Data file:** data\_anon\_ind**Overview**

Valid: 235 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		25	10.6%
NA		108	46%
Other household member		6	2.6%
Spouse		3	1.3%
You		93	39.6%

**MEANS\_OF\_COMMUNICATING\_E\_G\_C.2: 1.7.3.3 Who would you say can decide whether to sell the item most of the time? Means of communicating (e.g., cell phone)****Data file:** data\_anon\_ind



## Overview

Valid: 262 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		26	9.9%
NA		21	8%
Other household member		7	2.7%
Spouse		7	2.7%
You		201	76.7%

**LOCALLY\_PRODUCED\_FISHING\_EQU.5: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Locally-produced fishing equipment (e.g., baskets)**

Data file: data\_anon\_ind

## Overview

Valid: 248 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		8	3.2%
NA		152	61.3%
Other household member		9	3.6%
Spouse		8	3.2%
You		71	28.6%

**EXTERNALLY\_PRODUCED\_FISHING\_.1: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Externally produced fishing equipment (e.g. synthetic nets, hooks, line)**

Data file: data\_anon\_ind

## Overview

Valid: 225 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		7	3.1%
NA		191	84.9%
Other household member		5	2.2%
Spouse		4	1.8%
You		18	8%

**TRANSPORTATION\_EQUIPMENT\_TO\_5: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Transportation equipment to collect fish**

Data file: data\_anon\_ind

### Overview

Valid: 229 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		6	2.6%
NA		171	74.7%
Other household member		4	1.7%
Spouse		5	2.2%
You		43	18.8%

**TOOLS\_E\_G\_DRYING\_MATS\_KNIVES.3: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Tools (e.g., drying mats, knives, etc.)**

Data file: data\_anon\_ind

### Overview

Valid: 252 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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Equally shared between Spouse and I		19	7.5%
NA		89	35.3%
Other household member		10	4%
Spouse		3	1.2%
You		131	52%

### FISH\_PROCESSING\_EQUIPMENT\_28: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Fish processing equipment

Data file: data\_anon\_ind

#### Overview

Valid: 241 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		15	6.2%
NA		114	47.3%
Other household member		8	3.3%
Spouse		4	1.7%
You		100	41.5%

### FISH\_STORAGE\_EQUIPMENT\_E\_G\_S.5: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Fish storage equipment (e.g., sacks, bundles)

Data file: data\_anon\_ind

#### Overview

Valid: 235 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		24	10.2%
NA		108	46%
Other household member		5	2.1%
Spouse		3	1.3%
You		95	40.4%

### MEANS\_OF\_COMMUNICATING\_E\_G\_C.3: 1.7.3.4 Who would you say can decide whether to give away or rent the item most of the time? Means of communicating (e.g., cell phone)

Data file: data\_anon\_ind

#### Overview

Valid: 254 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		30	11.8%
NA		28	11%
Other household member		5	2%
Spouse		4	1.6%
You		187	73.6%

### LOCALLY\_PRODUCED\_FISHING\_EQU.6: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Locally-produced fishing equipment (e.g., baskets)

Data file: data\_anon\_ind

#### Overview

Valid: 244 Invalid: 0  
Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		7	2.9%
NA		149	61.1%
Other household member		7	2.9%
Spouse		15	6.1%
You		66	27%

### EXTERNALLY\_PRODUCED\_FISHING\_.2: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Externally produced fishing equipment (e.g. synthetic nets, hooks, line)

Data file: data\_anon\_ind

**Overview**

Valid: 223 Invalid: 0  
 Type: Discrete Width: 35 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		6	2.7%
NA		181	81.2%
Other household member		4	1.8%
Spouse		10	4.5%
You		22	9.9%

**TRANSPORTATION\_EQUIPMENT\_TO\_6: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Transportation equipment to collect fish**

Data file: data\_anon\_ind

**Overview**

Valid: 225 Invalid: 0  
 Type: Discrete Width: 35 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		6	2.7%
NA		164	72.9%
Other household member		5	2.2%
Spouse		9	4%
You		41	18.2%

**TOOLS\_E\_G\_DRYING\_MATS\_KNIVES.4: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Tools (e.g., drying mats, knives, etc.)**

Data file: data\_anon\_ind

**Overview**

Valid: 245 Invalid: 0  
 Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		17	6.9%
NA		78	31.8%
Other household member		6	2.4%
Spouse		11	4.5%
You		133	54.3%

### FISH\_PROCESSING\_EQUIPMENT\_29: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Fish processing equipment

Data file: data\_anon\_ind

#### Overview

Valid: 238 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		13	5.5%
NA		106	44.5%
Other household member		7	2.9%
Spouse		10	4.2%
You		102	42.9%

### FISH\_STORAGE\_EQUIPMENT\_E\_G\_S.6: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Fish storage equipment (e.g., sacks, bundles)

Data file: data\_anon\_ind

#### Overview

Valid: 233 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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Equally shared between Spouse and I		23	9.9%
NA		99	42.5%
Other household member		5	2.1%
Spouse		11	4.7%
You		95	40.8%

### MEANS\_OF\_COMMUNICATING\_E\_G\_C.4: 1.7.3.5 Who contributes most to decisions regarding a new purchase of the item? Means of communicating (e.g., cell phone)

Data file: data\_anon\_ind

#### Overview

Valid: 254 Invalid: 0

Type: Discrete Width: 35 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Equally shared between Spouse and I		26	10.2%
NA		19	7.5%
Other household member		6	2.4%
Spouse		9	3.5%
You		194	76.4%

### X1\_7\_4\_1\_HAVE\_YOU\_MET\_WITH\_A: 1.7.4.1 Have you met with a fisheries extension service officer in the past 12 months?

Data file: data\_anon\_ind

#### Overview

Valid: 280 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
No		125	44.6%
Yes		155	55.4%

**X1\_7\_4\_2\_IF\_YOU\_DID\_HOW\_MANY: 1.7.4.2 If you did, how many times did you meet with a fisheries extension service officer in the past 12 months?****Data file:** data\_anon\_ind**Overview**

Valid: 155 Invalid: 0

Type: Discrete Width: 48 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		21	13.5%
1 day		1	0.6%
1 per year		11	7.1%
1 per year for buying lesen		1	0.6%
10		1	0.6%
100		1	0.6%
12		2	1.3%
2		12	7.7%
2 during licensing		1	0.6%
2 per year		2	1.3%
2 times		1	0.6%
200		5	3.2%
24		1	0.6%
2days per year		1	0.6%
3		5	3.2%
3 months		1	0.6%
3 times		2	1.3%
30		3	1.9%
348		1	0.6%
4		4	2.6%
4 times		1	0.6%
4-6		1	0.6%
40		1	0.6%
43		2	1.3%
45		2	1.3%
48		2	1.3%
50		2	1.3%
54		1	0.6%
56		1	0.6%



6		2	1.3%
6 days per week		1	0.6%
60		1	0.6%
7		1	0.6%
80		3	1.9%
9		1	0.6%
96		8	5.2%
All time		1	0.6%
Any time I need I can see them		1	0.6%
Any time I need them		1	0.6%
As much as i need they are available		1	0.6%
As much as needed		1	0.6%
Coming for patrol and bits fishers ( every day)		1	0.6%
Everday		1	0.6%
Every day		2	1.3%
Every month		5	3.2%
Every month come to river for patrol		1	0.6%
Every month for doing patrol		1	0.6%
Every month for patrol		2	1.3%
Every when we I need extension service		1	0.6%
Everyday		3	1.9%
Many times		1	0.6%
Monthly		1	0.6%
NA		1	0.6%
Na		2	1.3%
Not sure		1	0.6%
Often		9	5.8%
Once		2	1.3%
Only 1 day		1	0.6%
Several		1	0.6%
Several times		1	0.6%
Twice		2	1.3%
Twice per year for getting advice		1	0.6%
Two times		1	0.6%
Whenever i need them they are always available		1	0.6%
every month, For patrol.		1	0.6%

**X1\_7\_4\_3\_THE\_LAST\_TIME\_YOU\_M: 1.7.4.3 The last time you met with a fisheries extension service officer, were they a woman or a man?****Data file:** data\_anon\_ind**Overview**

Valid: 154 Invalid: 0

Type: Discrete Width: 29 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Man		129	83.8%
More than one (woman and man)		19	12.3%
Woman		6	3.9%

**X1\_7\_4\_4\_HAVE\_YOU\_RECEIVED\_A: 1.7.4.4 Have you received any training on fishing practices, fish processing and storage methods, fish trading and marketing, or food safety and nutrition in the past 12 months?****Data file:** data\_anon\_ind**Overview**

Valid: 281 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		228	81.1%
Yes		53	18.9%

**X1\_7\_4\_5\_IF\_1\_7\_4\_4\_IS\_YES\_W: 1.7.4.5 If 1.7.4.4 is "Yes", who provided the training?****Data file:** data\_anon\_ind**Overview**

Valid: 53 Invalid: 0

Type: Discrete Width: 74 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
An Organization		1	1.9%
BMUs		1	1.9%
Extension officer		2	3.8%
Extension officer and ministry		1	1.9%
Extension officer, ministry		2	3.8%
Fellow colleagues		1	1.9%
Fellow women processors		1	1.9%
Fish safety and trading		1	1.9%
Fisheries Officer		3	5.7%
Fisheries Officers		9	17%
Fisheries Officers from the Ministry		2	3.8%
Fisheries officer		4	7.5%
Good method of fishing		1	1.9%
I don't remember		1	1.9%
I don't remember them		1	1.9%
I don't remember where the trainer were coming from		1	1.9%
I don't remember where they were coming		1	1.9%
I don't remember who gave us the training		1	1.9%
I don't remember who provided the training		1	1.9%
Local government Authority and Ministry		1	1.9%
Local government and ministry		1	1.9%
Local government and the Ministry		1	1.9%
Ministry of livestock and fisheries		1	1.9%
None		1	1.9%
She didn't remember		1	1.9%
She didn't remember the trainer		1	1.9%
TAFIRI		4	7.5%
TAWFA-Tanzania Women Fish Traders Association under Mrs Jovita( Treasurer)		1	1.9%
TBS officers		1	1.9%
TWC		2	3.8%
TWCC		1	1.9%
UBOMA		1	1.9%
VICOBA		1	1.9%

**X1\_7\_4\_6\_WAS\_THIS\_TRAINING\_U: 1.7.4.6 Was this training useful? If useful did you put this into practice/did you use the knowledge?**

**Data file: data\_anon\_ind**

## Overview

Valid: 53 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		5	9.4%
Yes		48	90.6%

**X1\_7\_4\_7\_IF\_1\_7\_4\_6\_IS\_YES\_I: 1.7.4.7 If 1.7.4.6 is Yes, In what way was it useful or not useful?**

Data file: data\_anon\_ind

## Overview

Valid: 48

Type: Discrete Width: 154 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Drying sardines on raised drying racks, quality product with high price		1	2.1%
Entrepreneurship and value chains		1	2.1%
Fish Processing, Guarding against illegal Fishing, Environment Conservation		1	2.1%
Fish handling and drying		1	2.1%
Fish handling and storage		1	2.1%
Fish packaging and storage		1	2.1%
Fish processing and handling		1	2.1%
Fish storage and importance of fish products like fish powder and paste		1	2.1%
Gender issues and empowerment		1	2.1%
Have found better ways of drying Dagaa, hence improving their quality		1	2.1%
Helped her to understand how to handle dagaa and fish that she buys		1	2.1%
Helped me in fish drying		1	2.1%
Helped to Improve Processing And Adding Value		1	2.1%
Improved handling		1	2.1%
Increasing fish value, Fish Processing, Women Empowerment		1	2.1%
Interpreurship		1	2.1%
Kept hygiene and safety of her products		1	2.1%
Knowledge on farming and fish farming		1	2.1%

Maintaining cleanliness at the work place		1	2.1%
Not useful		1	2.1%
Qualify of the product		1	2.1%
Quality of the product		1	2.1%
Quality's of the product		1	2.1%
She has gained a better understanding on how to conduct her business		1	2.1%
She learnt the right ways of buying, handling and selling fish/dagaa in order to obtain profit		1	2.1%
She was able to gain knowledge on the right ways of storing fish, she has not been able to do so at the moment due to insufficient capital		1	2.1%
She was able to gain understanding on how to properly conduct her business, the type of fish/dagaa to buy as well as maintaining work and personal hygiene		1	2.1%
She was able to obtain information on Fish processing, Fish Processong, Fish trade and gained courage in doing business		1	2.1%
Storage and package of the fish		1	2.1%
Storage of my processed fish		1	2.1%
Taught me to fish using friendly fishing method		1	2.1%
They have helped her to be effecient and effective in her business		1	2.1%
They helped her in marketing, since she maintains her fish in good quality hence increasing her customers		1	2.1%
They helped her to properly conduct her business		1	2.1%
They helped increase her knowledge on fish trade		1	2.1%
They improved income by processing the legal size of fish		1	2.1%
They were able to distinguish between the types of fish they are meant to buy, hence protecting their business		1	2.1%
To get network of doing sardines business		1	2.1%
To increase quality of my products		1	2.1%
To increase quality of the product		2	4.2%
To understand the management regulation's		1	2.1%
Useful		2	4.2%
Very useful		1	2.1%
Was useful in fish processing and storage		1	2.1%
Were trained on Fish Processing, marketing, the right size of fish to buy		1	2.1%
she was able to gain understanding on fish processing and the importance of sustainable fishing practices		1	2.1%

### **X1\_7\_5\_1\_DO\_YOU\_FEEL\_COMFORT: 1.7.5.1 Do you feel comfortable speaking up in public to help decide on projects and issues affecting any element to do with fish?**

**Data file:** data\_anon\_ind

#### **Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 25 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		34	12.1%
3		36	12.9%
4		39	13.9%
Not at all satisfied - 1		90	32.1%
Yes, very satisfied - 5		81	28.9%

**X1\_7\_5\_2\_DO\_YOU\_FEEL\_COMFORT: 1.7.5.2 Do you feel comfortable speaking up in public to protest about activities that are related to fish processing, selling and/or marketing?**

Data file: data\_anon\_ind

### Overview

Valid: 281 Invalid: 0  
Type: Discrete Width: 25 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		42	14.9%
3		41	14.6%
4		26	9.3%
Not at all satisfied - 1		90	32%
Yes, very satisfied - 5		82	29.2%

**X1\_7\_5\_3\_DO\_YOU\_FEEL\_THE\_RES: 1.7.5.3 Do you feel the result was what you wanted from your engagement?**

Data file: data\_anon\_ind

### Overview

Valid: 280 Invalid: 0  
Type: Discrete Width: 25 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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2		51	18.2%
3		31	11.1%
4		20	7.1%
Not at all satisfied - 1		111	39.6%
Yes, very satisfied - 5		67	23.9%

### **X1\_7\_6\_1\_WOMEN\_SHOULD\_NOT\_GE: 1.7.6.1 Do you agree with the following statements - Women should not get involved in fishing full time, this is a man's responsibility**

Data file: data\_anon\_ind

#### **Overview**

Valid: 281 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

#### **Questions and instructions**

##### **CATEGORIES**

Value	Category	Cases	
Agree		111	39.5%
Disagree		139	49.5%
Partially Agree		31	11%

### **X1\_7\_6\_2\_WOMEN\_SHOULD\_NOT\_OW: 1.7.6.2 Do you agree with the following statements - Women should not own canoes, fishing nets, and other means to fish**

Data file: data\_anon\_ind

#### **Overview**

Valid: 279 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

#### **Questions and instructions**

##### **CATEGORIES**

Value	Category	Cases	
Agree		53	19%
Disagree		201	72%
Partially Agree		25	9%

### **X1\_7\_6\_3\_WOMEN\_SHOULD\_PRIMAR: 1.7.6.3 Do you agree with the following statements -**

**Women should primarily be the ones who clean and process fish****Data file:** data\_anon\_ind**Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Agree		62	22.1%
Disagree		187	66.8%
Partially Agree		31	11.1%

**X1\_7\_6\_4\_WOMEN\_SHOULD\_PRIMAR: 1.7.6.4 Do you agree with the following statements - Women should primarily be the ones who trade or market fish, not men****Data file:** data\_anon\_ind**Overview**

Valid: 276 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Agree		34	12.3%
Disagree		215	77.9%
Partially Agree		27	9.8%

**X1\_7\_6\_5\_MEN\_SHOULD\_PRIMARIL: 1.7.6.5 Do you agree with the following statements - Men should primarily be the ones who transport fish to a market for sale****Data file:** data\_anon\_ind**Overview**

Valid: 280 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
Agree		18	6.4%
Disagree		233	83.2%
Partially Agree		29	10.4%

**X1\_7\_6\_6\_MEN\_SHOULD\_PRIMARIL: 1.7.6.6 Do you agree with the following statements - Men should primarily be the ones who control the earnings/income obtained from the sale of fish**

Data file: data\_anon\_ind

### Overview

Valid: 279 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Agree		32	11.5%
Disagree		215	77.1%
Partially Agree		32	11.5%

**X1\_7\_6\_7\_WOMEN\_SHOULD\_PRIMAR: 1.7.6.7 Do you agree with the following statements - Women should primarily be the ones who prepare meals (including fish) for the family**

Data file: data\_anon\_ind

### Overview

Valid: 279 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Agree		95	34.1%
Disagree		151	54.1%
Partially Agree		33	11.8%

**X1\_7\_6\_8\_MEN\_SHOULD\_MOSTLY\_B: 1.7.6.8 Do you agree with the following statements - Men should mostly be the ones who belong to fisheries clubs, organizations, or associations, not**

**women****Data file:** data\_anon\_ind**Overview**

Valid: 279 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Agree		24	8.6%
Disagree		226	81%
Partially Agree		29	10.4%

**X1\_7\_7\_1\_SLEEPING\_AND\_RESTIN: 1.7.7.1 Time allocation (consider time often is used in multi-tasking activities) - Sleeping and Resting in a day?****Data file:** data\_anon\_ind**Overview**

Valid: 271 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0.0		42	15.5%
1.0		41	15.1%
10.0		11	4.1%
2.0		35	12.9%
24.0		1	0.4%
3.0		20	7.4%
4.0		8	3%
5.0		8	3%
5.3		1	0.4%
6.0		18	6.6%
7.0		51	18.8%
8.0		28	10.3%
8.3		1	0.4%
9.0		6	2.2%

### **X1\_7\_7\_2\_ALL\_EATING\_IN\_A\_DAY: 1.7.7.2 Time allocation (consider time often is used in multi-tasking activities) - All eating in a day?**

Data file: data\_anon\_ind

#### **Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### **Questions and instructions**

##### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0.0		18	6.4%
0.3		1	0.4%
0.45		3	1.1%
0.48		1	0.4%
0.5		4	1.4%
1.0		76	27%
1.15		1	0.4%
1.3		7	2.5%
1.5		8	2.8%
2.0		118	41.8%
2.3		2	0.7%
3.0		32	11.3%
30.0		2	0.7%
4.0		4	1.4%
45.0		1	0.4%
5.0		2	0.7%
6.0		1	0.4%
7.0		1	0.4%

### **X1\_7\_7\_3\_COOKING: 1.7.7.3 Time allocation (consider time often is used in multi-tasking activities) - Cooking**

Data file: data\_anon\_ind

#### **Overview**

Valid: 282 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		11	3.9%
0.15		1	0.4%
0.3		2	0.7%
0.5		2	0.7%
1.0		64	22.7%
1.3		3	1.1%
1.38		1	0.4%
1.5		3	1.1%
2.0		124	44%
2.3		1	0.4%
2.5		1	0.4%
3.0		59	20.9%
30.0		2	0.7%
32.0		1	0.4%
4.0		4	1.4%
6.0		1	0.4%
7.0		2	0.7%

**X1\_7\_7\_4\_FISHING\_IN\_A\_DAY: 1.7.7.4 Time allocation (consider time often is used in multi-tasking activities) - Fishing in a day?**

Data file: data\_anon\_ind

### Overview

Valid: 200 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		164	82%
1.0		28	14%
10.0		1	0.5%
2.0		3	1.5%
42.0		1	0.5%
5.0		2	1%

9.0		1	0.5%
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### X1\_7\_7\_5\_FISH\_PROCESSING\_DRY: 1.7.7.5 Time allocation (consider time often is used in multi-tasking activities) - Fish processing (drying, smoking fish) in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 253 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0.0		42	16.6%
1.0		17	6.7%
10.0		6	2.4%
12.0		6	2.4%
14.0		3	1.2%
15.0		2	0.8%
2.0		19	7.5%
20.0		1	0.4%
21.0		4	1.6%
24.0		2	0.8%
27.0		1	0.4%
28.0		1	0.4%
3.0		31	12.3%
30.0		4	1.6%
35.0		5	2%
36.0		2	0.8%
4.0		14	5.5%
40.0		3	1.2%
42.0		1	0.4%
48.0		2	0.8%
49.0		3	1.2%
5.0		13	5.1%
50.0		3	1.2%
52.0		1	0.4%
56.0		3	1.2%
6.0		18	7.1%

60.0		1	0.4%
63.0		1	0.4%
64.0		2	0.8%
7.0		32	12.6%
8.0		6	2.4%
84.0		1	0.4%
9.0		3	1.2%

### X1\_7\_7\_6\_FISH\_TRADING\_BUYING: 1.7.7.6 Time allocation (consider time often is used in multi-tasking activities) - Fish trading (buying and selling of fish) in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 267 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0.0		18	6.7%
0.5		1	0.4%
1.0		18	6.7%
10.0		6	2.2%
12.0		6	2.2%
14.0		12	4.5%
18.0		1	0.4%
2.0		23	8.6%
20.0		2	0.7%
21.0		9	3.4%
24.0		3	1.1%
25.0		1	0.4%
3.0		34	12.7%
30.0		4	1.5%
35.0		5	1.9%
36.0		1	0.4%
4.0		13	4.9%
5.0		25	9.4%
50.0		1	0.4%
6.0		21	7.9%

63.0		1	0.4%
7.0		53	19.9%
70.0		1	0.4%
8.0		4	1.5%
9.0		4	1.5%

### X1\_7\_7\_7\_TRANSPORTING\_FISH\_T: 1.7.7.7 Time allocation (consider time often is used in multi-tasking activities) - Transporting fish to market in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 233 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0.0		114	48.9%
0.5		1	0.4%
1.0		21	9%
12.0		1	0.4%
14.0		1	0.4%
2.0		29	12.4%
24.0		1	0.4%
3.0		23	9.9%
30.0		1	0.4%
4.0		10	4.3%
49.0		1	0.4%
5.0		10	4.3%
6.0		6	2.6%
60.0		1	0.4%
7.0		12	5.2%
9.0		1	0.4%

### X1\_7\_7\_8\_GARDENING\_FARMING\_A: 1.7.7.8 Time allocation (consider time often is used in multi-tasking activities) - Gardening, farming, and/or livestock rearing in a week?

Data file: data\_anon\_ind

## Overview

Valid: 204 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		111	54.4%
0.5		1	0.5%
1.0		10	4.9%
10.0		1	0.5%
12.0		2	1%
14.0		3	1.5%
15.0		1	0.5%
16.0		1	0.5%
2.0		15	7.4%
20.0		1	0.5%
21.0		6	2.9%
24.0		3	1.5%
28.0		2	1%
3.0		10	4.9%
30.0		2	1%
35.0		1	0.5%
4.0		6	2.9%
49.0		1	0.5%
5.0		7	3.4%
6.0		5	2.5%
7.0		7	3.4%
70.0		1	0.5%
8.0		5	2.5%
9.0		2	1%

**X1\_7\_7\_9\_DOING\_OTHER\_TYPES\_0: 1.7.7.9 Time allocation (consider time often is used in multi-tasking activities) - Doing other types of business (enterprise) other than fishing, processing fish, etc. such as selling groceries in a week?**

Data file: data\_anon\_ind

## Overview

Valid: 179 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		129	72.1%
1.0		9	5%
10.0		1	0.6%
14.0		1	0.6%
15.0		1	0.6%
2.0		8	4.5%
21.0		1	0.6%
3.0		3	1.7%
35.0		1	0.6%
4.0		3	1.7%
40.0		1	0.6%
5.0		6	3.4%
6.0		2	1.1%
60.0		1	0.6%
7.0		11	6.1%
96.0		1	0.6%

**X1\_7\_7\_10\_PURCHASING\_HOUSEHO: 1.7.7.10 Time allocation (consider time often is used in multi-tasking activities) - Purchasing household items, etc. in a week?**

Data file: data\_anon\_ind

### Overview

Valid: 254 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		41	16.1%
0.3		1	0.4%
0.5		2	0.8%
1.0		78	30.7%
10.0		1	0.4%
12.0		1	0.4%
135.0		1	0.4%

14.0		2	0.8%
15.0		2	0.8%
2.0		34	13.4%
2.1		1	0.4%
3.0		19	7.5%
3.3		2	0.8%
3.5		1	0.4%
30.0		3	1.2%
4.0		6	2.4%
5.0		5	2%
6.0		6	2.4%
7.0		46	18.1%
8.0		1	0.4%
9.0		1	0.4%

**X1\_7\_7\_11\_DOMESTIC\_WORK\_E\_G\_ : 1.7.7.11 Time allocation (consider time often is used in multi-tasking activities) - Domestic work (e.g. collecting firewood, water, sweeping) in a week?**

**Data file:** data\_anon\_ind

### Overview

Valid: 259 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0.0		16	6.2%
1.0		19	7.3%
1.15		1	0.4%
14.0		16	6.2%
15.0		1	0.4%
18.0		1	0.4%
2.0		23	8.9%
21.0		4	1.5%
24.0		1	0.4%
3.0		17	6.6%
3.5		1	0.4%
30.0		1	0.4%

4.0		9	3.5%
5.0		8	3.1%
6.0		5	1.9%
7.0		134	51.7%
9.1		1	0.4%
95.0		1	0.4%

**X1\_7\_7\_12\_DAILY\_TRAVELING\_TO: 1.7.7.12 Time allocation (consider time often is used in multi-tasking activities) - Daily traveling (to and from the home)) in a week?**

Data file: data\_anon\_ind

### Overview

Valid: 249 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0.0		39	15.7%
0.3		2	0.8%
0.5		1	0.4%
1.0		31	12.4%
12.0		2	0.8%
14.0		7	2.8%
2.0		16	6.4%
28.0		1	0.4%
3.0		16	6.4%
3.3		2	0.8%
3.5		2	0.8%
30.0		1	0.4%
4.0		8	3.2%
42.0		1	0.4%
5.0		11	4.4%
6.0		13	5.2%
68.0		1	0.4%
7.0		90	36.1%
72.0		1	0.4%
8.0		3	1.2%
9.0		1	0.4%

### X1\_7\_7\_13\_LEISURE\_ACTIVITIES: 1.7.7.13 Time allocation (consider time often is used in multi-tasking activities) - Leisure activities (e.g., reading, listening to radio, watching TV) in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 216 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0.0		77	35.6%
0.2		1	0.5%
1.0		14	6.5%
10.0		2	0.9%
14.0		7	3.2%
18.0		1	0.5%
2.0		17	7.9%
21.0		5	2.3%
3.0		13	6%
3.3		1	0.5%
4.0		8	3.7%
5.0		4	1.9%
6.0		3	1.4%
7.0		62	28.7%
77.0		1	0.5%

### X1\_7\_7\_14\_SPORTS\_E\_G\_PLAYING: 1.7.7.14 Time allocation (consider time often is used in multi-tasking activities) - Sports (e.g., playing football, netball) in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 181 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0.0		170	93.9%
1.0		1	0.6%
2.0		4	2.2%
3.0		2	1.1%
7.0		3	1.7%
9.0		1	0.6%

### X1\_7\_7\_15\_RELIGIOUS\_ACTIVITI: 1.7.7.15 Time allocation (consider time often is used in multi-tasking activities) - Religious activities in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 273 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0.0		18	6.6%
1.0		92	33.7%
1.3		1	0.4%
1.4		1	0.4%
1.45		1	0.4%
10.0		2	0.7%
105.0		1	0.4%
12.0		1	0.4%
125.0		1	0.4%
135.0		1	0.4%
14.0		3	1.1%
15.0		1	0.4%
150.0		1	0.4%
175.0		1	0.4%
2.0		29	10.6%
2.5		1	0.4%
21.0		1	0.4%
28.0		1	0.4%
3.0		43	15.8%
3.3		1	0.4%

35.0		1	0.4%
4.0		11	4%
5.0		6	2.2%
6.0		10	3.7%
7.0		44	16.1%

### X1\_7\_7\_16\_OTHER\_SPECIFY\_IN\_A: 1.7.7.16 Time allocation (consider time often is used in multi-tasking activities) - Other (specify) in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 169 Invalid: 0

Type: Discrete Width: 20 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		52	30.8%
1		1	0.6%
2		2	1.2%
7		1	0.6%
Embroidery		1	0.6%
Hair dressing		1	0.6%
Hair dressing/saloon		1	0.6%
Making juices etc .		1	0.6%
Making mats		1	0.6%
N/A		5	3%
NA		2	1.2%
Nil		14	8.3%
No		8	4.7%
None		76	45%
Not applicable		3	1.8%

### X1\_7\_7\_17\_TIME\_SPENT\_DOING\_O: 1.7.7.17 Time spent doing "Other" in a week?

Data file: data\_anon\_ind

#### Overview

Valid: 178 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		142	79.8%
1.0		17	9.6%
10.0		1	0.6%
12.0		1	0.6%
14.0		1	0.6%
2.0		5	2.8%
3.0		6	3.4%
5.0		1	0.6%
6.0		1	0.6%
7.0		2	1.1%
7.5		1	0.6%

### X1\_8\_1\_DID\_YOU\_SELL\_ANY\_FISH: 1.8.1 Did you sell any fish for a low price or lose any fish?

Data file: data\_anon\_ind

#### Overview

Valid: 280 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		22	7.9%
Other		12	4.3%
Yes		246	87.9%

### X1\_8\_2\_WHAT\_WAS\_THE\_HIGHEST\_: 1.8.2 What was the highest selling price you received for your products during the high season? (In local currency/Kg or unit)

Data file: data\_anon\_ind

#### Overview

Valid: 246 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1000.0		7	2.8%
10000.0		20	8.1%
100000.0		2	0.8%
12.0		1	0.4%
12000.0		4	1.6%
13000.0		2	0.8%
14000.0		1	0.4%
15.0		1	0.4%
1500.0		1	0.4%
15000.0		4	1.6%
150000.0		1	0.4%
15500.0		1	0.4%
17000.0		2	0.8%
18000.0		1	0.4%
19000.0		1	0.4%
20.0		1	0.4%
2000.0		4	1.6%
20000.0		4	1.6%
210000.0		1	0.4%
25000.0		2	0.8%
26000.0		1	0.4%
27000.0		1	0.4%
2800.0		1	0.4%
28000.0		1	0.4%
30.0		2	0.8%
3000.0		6	2.4%
30000.0		5	2%
300000.0		1	0.4%
3500.0		3	1.2%
35000.0		4	1.6%
40.0		2	0.8%
4000.0		13	5.3%
40000.0		6	2.4%
44.0		1	0.4%
4500.0		5	2%



4800.0		1	0.4%
500.0		1	0.4%
5000.0		37	15%
50000.0		5	2%
5200.0		1	0.4%
5500.0		5	2%
5700.0		4	1.6%
6.0		1	0.4%
60.0		2	0.8%
6000.0		22	8.9%
6200.0		1	0.4%
6500.0		2	0.8%
6800.0		1	0.4%
700.0		3	1.2%
7000.0		19	7.7%
72000.0		1	0.4%
7500.0		3	1.2%
75000.0		3	1.2%
800.0		1	0.4%
8000.0		10	4.1%
80000.0		2	0.8%
800000.0		1	0.4%
8500.0		1	0.4%
85000.0		1	0.4%
9000.0		4	1.6%
90000.0		1	0.4%

**X1\_8\_3\_WHAT\_WAS\_THE\_LOWEST\_S: 1.8.3 What was the lowest selling price you received for your products during the low season? (Please reference the top 3 fish species and use local currency/Kg or unit)**

Data file: data\_anon\_ind

### Overview

Valid: 246 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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-10000.0		1	0.4%
-15000.0		1	0.4%
-3000.0		1	0.4%
10.0		2	0.8%
1000.0		25	10.2%
10000.0		4	1.6%
1100.0		1	0.4%
14000.0		2	0.8%
15.0		2	0.8%
1500.0		16	6.5%
15000.0		3	1.2%
150000.0		1	0.4%
16000.0		1	0.4%
1800.0		1	0.4%
18000.0		1	0.4%
20.0		1	0.4%
2000.0		18	7.3%
20000.0		9	3.7%
22.0		1	0.4%
2300.0		1	0.4%
25.0		1	0.4%
2500.0		14	5.7%
25000.0		1	0.4%
2800.0		1	0.4%
30.0		1	0.4%
300.0		1	0.4%
3000.0		36	14.6%
30000.0		4	1.6%
3200.0		1	0.4%
3500.0		11	4.5%
35000.0		1	0.4%
3800.0		1	0.4%
4.0		1	0.4%
40.0		1	0.4%
400.0		4	1.6%
4000.0		13	5.3%
42000.0		1	0.4%
4500.0		8	3.3%
45000.0		3	1.2%

500.0		5	2%
5000.0		19	7.7%
5700.0		1	0.4%
600.0		2	0.8%
6000.0		6	2.4%
6500.0		1	0.4%
7000.0		5	2%
8.0		1	0.4%
800.0		2	0.8%
8000.0		7	2.8%
80000.0		1	0.4%

**X1\_8\_4\_YOU\_SELL\_SELL\_AT\_A\_LO: 1.8.4 you sell sell at a low price do you sell more, less or no change?**

**Data file:** data\_anon\_ind

### Overview

Valid: 246 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Less		47	19.1%
More		100	40.7%
Same		99	40.2%

**X1\_8\_5\_WHY\_DID\_YOU\_SELL\_FOR\_: 1.8.5 Why did you sell for a low price? (please reference with the top 3 fish species as appropriate)**

**Data file:** data\_anon\_ind

### Overview

Valid: 246

Type: Discrete Width: 109 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1000		1	0.4%

Also bought at low price		1	0.4%
Avoid post harvest loss		1	0.4%
Bad season		1	0.4%
Bad weather		1	0.4%
Bad weather ( rainfall)		1	0.4%
Bad weather, the product was spoiled (dagaa)		1	0.4%
Because fish go another liver		1	0.4%
Because lack of infrastructue		1	0.4%
Because of damage of dagaaa		1	0.4%
Because of high product and no infrastructure of storage		1	0.4%
Because of laining season and types of species is dagaa		1	0.4%
Because of no customers		2	0.8%
Because of no market		1	0.4%
Because of rain (dagaa)		1	0.4%
Because of weather conditions change		1	0.4%
Bumper season, and spoilagr		1	0.4%
Climate change		1	0.4%
Climatic changes e.g heavy rains cause fish to go bad		1	0.4%
Customer availability		1	0.4%
Customer needs and demands		1	0.4%
Dagaa rainfall		1	0.4%
Dagaa spoiled		1	0.4%
Dagaa, saladini and koleke		1	0.4%
Decline in quality as a result of heavy rains		1	0.4%
Decline in quality due to heavy rains		1	0.4%
Depending on the business flow		1	0.4%
Depending on time of landing fish		1	0.4%
Depends On Catch		1	0.4%
Drop of the market price, dagaa, sangara, sato		1	0.4%
Due to rainfall		1	0.4%
During rain season		1	0.4%
During rain season, infrastructure		1	0.4%
During rainy season drying fish becomes a problem		1	0.4%
Few buyers		1	0.4%
Few customers available		1	0.4%
Few customers, large stock		1	0.4%
Fish availability is high, to avoid fish spoilage		1	0.4%
Fish availability is very high		3	1.2%
Fish availability is very high which leads to market competition		1	0.4%

Fish is available in high quantity	2	0.8%
Fish is available in high quantity which leads to decreased customers	1	0.4%
Fish is available in high quantity.	1	0.4%
Flooding of dagaa in the market and bad weather	1	0.4%
Flooding of dagaa products to the market and weather changes	1	0.4%
Flooding of dagaa to the market	1	0.4%
High availability of Dagaa in the market	1	0.4%
High availability of fish	1	0.4%
High availability of fish in the market	1	0.4%
High availability of fish in the market, leading to poor business flow	1	0.4%
High availability of fish, Migebuga, Dagaa	1	0.4%
High catch	1	0.4%
High catch resulted in flooding of products to the market	1	0.4%
High catch, rain season and low demand	1	0.4%
High catch, rotten from fish	1	0.4%
High catches	11	4.5%
High catches or poor quality	1	0.4%
High fish availability	3	1.2%
High fish availability which leads to market competition	1	0.4%
High supply	1	0.4%
High supply, less demand	1	0.4%
High supply, rotten fish	1	0.4%
Higher supply	1	0.4%
Huge catch	1	0.4%
I sell at low prices when their quality has declined	1	0.4%
Improved income and capital	1	0.4%
Increased income	1	0.4%
It depends some time production was high	1	0.4%
Juvinas	1	0.4%
Kupaa samaki	1	0.4%
Lack customers, ppl do not have money	1	0.4%
Lack of fish customers due to high availability of fish	1	0.4%
Lack of infrastructure	2	0.8%
Larger supply	3	1.2%
Lots of fish	1	0.4%
Low capital	1	0.4%
Low demand of sardines	1	0.4%
Low quality	4	1.6%
Low quality fish	1	0.4%

Low quality fish due to bad weather		1	0.4%
Market		1	0.4%
Market and Price competition		1	0.4%
Market competition		10	4.1%
Market competition due to high fish availability		1	0.4%
Market competition, high fish availability		1	0.4%
Market demand		2	0.8%
Market force and price		1	0.4%
Market is flooded with sardines		1	0.4%
Market problems		1	0.4%
Markets or high catches		1	0.4%
More fish available		1	0.4%
More fish in a market		2	0.8%
Na		2	0.8%
No buyers		1	0.4%
No buyers or high catches		1	0.4%
No customer		3	1.2%
No customers		2	0.8%
No customers due to covid 19		1	0.4%
No drying facilities, products spoiled		1	0.4%
Plent of fish and Rainy season		1	0.4%
Plenty fish		1	0.4%
Plenty fish at the market		1	0.4%
Plenty of Dagaa, poor quality		1	0.4%
Poor Quality, insufficient salt,		1	0.4%
Poor availability of customers		2	0.8%
Poor availability of customers, heavy rains...they sell at low prices to prevent the fish from getting spoilt		1	0.4%
Poor availability of customers		1	0.4%
Poor business flow		16	6.5%
Poor business flow, poor availability of customers		2	0.8%
Poor business flow..a high availability of Dagaa and few customers		1	0.4%
Poor business flow/Price fluctuations		1	0.4%
Poor business flow/price fluctuations		1	0.4%
Poor fish market due to high availability of fish		1	0.4%
Poor market		3	1.2%
Poor market and high catch		1	0.4%
Poor market due to high fish availability (price competition)		1	0.4%
Poor market flow		1	0.4%

Poor quality		1	0.4%
Poor quality and flooding of dagaa to the market		1	0.4%
Poor quality of dagaa due to raonfall		1	0.4%
Price and market competition		2	0.8%
Price and marketing competition		1	0.4%
Price competition		9	3.7%
Price competition due to high fish availability		4	1.6%
Price fluctuations according to the market		1	0.4%
Product spoiled		1	0.4%
Production is high and no infrastructure of storage.		1	0.4%
Production is very high every body do it		1	0.4%
Rain season		2	0.8%
Rain season, rotten		1	0.4%
Rain, poor quality		1	0.4%
Rainfall		3	1.2%
Rainfall and fish spoilage		1	0.4%
Rainfall, dagaa		1	0.4%
Rainfall, plenty fish		1	0.4%
Rainy season		1	0.4%
Raised my capital		1	0.4%
Season taking kids to school		1	0.4%
Seasonal changes such as heavy rains leading to poor business flow		1	0.4%
She had to sell at low prices because of heavy rains		1	0.4%
Size of fish		1	0.4%
Small pallagic		2	0.8%
Small pallagic ,because lack of infrastructure		1	0.4%
Small pallagic species because of lack fridge		1	0.4%
Sometimes rain and no customers		1	0.4%
Spoilage		2	0.8%
Spoilage because of rainfall		1	0.4%
Spoilage by rainfall		1	0.4%
Spoilage by rainfall, few buyers		1	0.4%
Spoilage due to rainfall		2	0.8%
Spoilage due to rainfall, more catch in the market		1	0.4%
Spoiled		1	0.4%
Spoiled by rainfall		1	0.4%
Spoiled due to rainfall		1	0.4%
Spoiled product		1	0.4%
Spoilt		1	0.4%

Supply high than demand some times		1	0.4%
Their quality declined due to heavy rains and getting soiled		1	0.4%
To avoid spoilage of fish		1	0.4%
To complete the present stock		1	0.4%
To complete the stock faster		1	0.4%
To finish the remaining stock		1	0.4%
To finish the stock		1	0.4%
To finish to stock		1	0.4%
To make sure that all fish you have is bought		1	0.4%
To prevent fish spoilage and discard fish		1	0.4%
Too much sardines in the market		1	0.4%
Too much supply in the market		1	0.4%
Weather changes(during rainy season)		1	0.4%
When it rains, you have to sell at low prices to prevent them from getting spoilt		1	0.4%
When there is poor business flow they sell at low prices to protect their capital		1	0.4%
larger supply, few customers		1	0.4%

## X1\_8\_6\_HOW\_MUCH\_FISH\_DID\_YOU: 1.8.6 How much fish did you lose (waste)?

Data file: data\_anon\_ind

### Overview

Valid: 234 Invalid: 0

Type: Discrete Width: 52 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		7	3%
0 2 kg		1	0.4%
1		2	0.9%
1/2 during rains		1	0.4%
1/4		2	0.9%
10		12	5.1%
10 kg		3	1.3%
10 kg it depends		1	0.4%
10 per 6		1	0.4%
100		3	1.3%
100 percent		5	2.1%



100%		1	0.4%
100kg sardines		1	0.4%
10Kg		3	1.3%
10kg		2	0.9%
12		1	0.4%
12 kg		2	0.9%
12, Nileperch 50 kgs dagaa		1	0.4%
120 kgs		1	0.4%
120kg of dagaa		1	0.4%
12kg		2	0.9%
15		2	0.9%
15 - 30 kgs		1	0.4%
15Kg		1	0.4%
15kg		1	0.4%
15kgs		1	0.4%
16 kg		1	0.4%
180		1	0.4%
18kg		3	1.3%
1kg		1	0.4%
2		2	0.9%
20		9	3.8%
20 kg		4	1.7%
20 kgs		1	0.4%
20000		1	0.4%
20Kg		1	0.4%
20kg		1	0.4%
20kg sardines		1	0.4%
21 kg		1	0.4%
25		1	0.4%
25 kg		1	0.4%
2kg		2	0.9%
3		10	4.3%
3 buckets of dagaa		1	0.4%
30		3	1.3%
30%		1	0.4%
300		1	0.4%
300 Kg of dagaa		1	0.4%
300kg		1	0.4%
34		1	0.4%

35		1	0.4%
35 kg		1	0.4%
36		1	0.4%
3kg		2	0.9%
4		4	1.7%
40 kg		1	0.4%
40kgs		1	0.4%
48 kgs dagaa		1	0.4%
5		9	3.8%
5 pallagic species		1	0.4%
50		2	0.9%
50 percent		3	1.3%
50%		1	0.4%
500 of dagaa		1	0.4%
50Kg of dagaa		1	0.4%
5Kg		2	0.9%
5kg		3	1.3%
5kg of dagaa		1	0.4%
6		9	3.8%
60		1	0.4%
60%		2	0.9%
60kg		2	0.9%
65 percent		1	0.4%
6kg		1	0.4%
7		3	1.3%
70		3	1.3%
70%		2	0.9%
720		1	0.4%
7Kg		1	0.4%
8		1	0.4%
80		4	1.7%
80 kg		1	0.4%
80 percent		1	0.4%
8Kg		1	0.4%
9		1	0.4%
90		1	0.4%
90 kg		2	0.9%
All		1	0.4%
All fish		2	0.9%

All fish in one bucket		1	0.4%
All fish in the bucket		5	2.1%
All fish spoil		1	0.4%
Dagaa		1	0.4%
Depends on the cause		1	0.4%
It depends of rain same time 25 kg loss		1	0.4%
It depends of weather some time up to 10 kg		1	0.4%
It depends some time up to 15 kg		1	0.4%
It depends sometime 40kg		1	0.4%
It depends sometimes up to 15kg		1	0.4%
It depends sometimes up to 18 kg		1	0.4%
Kg 15		1	0.4%
Kg 40		1	0.4%
Kg 8		1	0.4%
N/A		1	0.4%
NA		5	2.1%
Na		3	1.3%
Nil		2	0.9%
No		1	0.4%
None		7	3%
None, sold at low price		1	0.4%
Not Knowing		1	0.4%
Not known		2	0.9%
Not remember		2	0.9%
Nothing I loose		1	0.4%
She discard all fish due to spoilage and poor market		1	0.4%
She has never experienced such a situation		1	0.4%
Worth 500000		1	0.4%
she has never lost fish/dagaa		1	0.4%

## X1\_8\_7\_WHY\_DID\_YOU\_LOSE\_THRO: 1.8.7 Why did you lose/throw away fish?

Data file: data\_anon\_ind

### Overview

Valid: 229

Type: Discrete    Width: 101    Range: -    Format: character

### Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2	0.9%
2013 and 2014 they had no drying racks and there were heavy rains which caused alot of fish to go bad		1	0.4%
Because of infrastructure		1	0.4%
Change in weather		1	0.4%
Change in weather (high rainfall)		1	0.4%
Climate change and lack of fridge		1	0.4%
Could not be accepted by the buyer		1	0.4%
Dagaa being spoilt due to heavy rains		1	0.4%
Damaged		1	0.4%
Decline in qauality due to heavy rains		1	0.4%
Drying problems due to rainfall		1	0.4%
Due to infastructures		1	0.4%
Due to spoilage		2	0.9%
During rain season processed sardines does not dry		1	0.4%
Few buyers		1	0.4%
Few customers available		1	0.4%
Fish spoilage		25	10.9%
Fish spoilage due to poor marketing		2	0.9%
Heavy rains caused her to sell at low prices as poultry meal		1	0.4%
Heavy rains which caused most of the fish to go bad		1	0.4%
Heavy rains, causing them to go bad		1	0.4%
Heavy rains, poor availability of customers		1	0.4%
High availability of fish in the market		1	0.4%
I don't throw away the fish		1	0.4%
I have never discarded fish		2	0.9%
Infastructure		4	1.7%
It depends sometimes big rain		1	0.4%
Lack of fridge		1	0.4%
Lack of fridge and huge rain		1	0.4%
Lack of good market		1	0.4%
Lack of infrastructure		11	4.8%
Lack of infrastructure and production was high		1	0.4%
Lack of infrastructure like fridge		1	0.4%
Lack of market		1	0.4%
Late landed from fishing		1	0.4%
Late landing		1	0.4%
Loss of Quality, No customer		1	0.4%

Low fish quality ( Fish spoil)		1	0.4%
Low fish quality (spoilage)		1	0.4%
Low quality		6	2.6%
Low quality due to spoilage of fish		1	0.4%
Low quality fish		1	0.4%
Low quality rotten		2	0.9%
N/A		4	1.7%
NA		3	1.3%
Na		4	1.7%
Nil		1	0.4%
No		3	1.3%
No Market		1	0.4%
No customers		1	0.4%
No infrastructure for storage		2	0.9%
No market		1	0.4%
None		2	0.9%
Overturn of boats as a result of heavy tidal waves		1	0.4%
Poor availability of cutomers		1	0.4%
Poor business flow		2	0.9%
Poor fish quality		2	0.9%
Poor market		1	0.4%
Poor marketing which causes fish not to be bought and eventually spoil		1	0.4%
Poor quality		5	2.2%
Poor quality (fish spoilage)		1	0.4%
Poor quality due to fish spoilage		2	0.9%
Poor quality due to spoilage		4	1.7%
Poor quality fish (fish spoilage)		1	0.4%
Poor quality of fish		1	0.4%
Power cut		1	0.4%
Price, ppl. Do not have money to buy		1	0.4%
Quality		3	1.3%
Quality loss		2	0.9%
Raifall, infrastructure lack		1	0.4%
Rain		4	1.7%
Rain season		1	0.4%
Rain seasons		1	0.4%
Rain spoilage		1	0.4%
Rain spoils the fish		1	0.4%
Rain, poor quality		1	0.4%

Rainfall		5	2.2%
Rainfall and spoilage		1	0.4%
Rainfall causes fish not to dry and finally spoil		1	0.4%
Rainfall spoilage		1	0.4%
Rains		4	1.7%
Rinfall		1	0.4%
Rotten		3	1.3%
Rotten and unfit for consumption		1	0.4%
Rotten fish		7	3.1%
Rottern		1	0.4%
She can't dry fish due to rainfall which leads to fish spoilage		1	0.4%
She doesn't lose		1	0.4%
She had to sell at low prices because there was a high availability of fish and few customers		1	0.4%
She purchased spoilt Dagaa from fisherfolks hence she had to throw way		1	0.4%
She sold the dagaa as chicken feed due to the fact that there were heavy rains and they got soiled		1	0.4%
Sold as animal feed, spoiled dagaa		1	0.4%
Spoilage		8	3.5%
Spoilage by rainfall		2	0.9%
Spoilage due to rain fall		1	0.4%
Spoilage due to rain or half- fried		1	0.4%
Spoilage due to rainfall		2	0.9%
Spoilage due to rainse		1	0.4%
Spoilage of fish		1	0.4%
Spoiled		9	3.9%
Spoilt due to bad weather, rain, poor processing		1	0.4%
Their quality declined and she had to sell as poultry feed		2	0.9%
Their quality declined and she had to sell at a low price		1	0.4%
There was poor business flow and had to sell at a low price		1	0.4%
There were few customers and she had to go back home with them		1	0.4%
They got spoilt		1	0.4%
They got spoilt and she had to throw them away		1	0.4%
They got spoilt due to heavy rains		1	0.4%
They got spoilt due to lack of market		1	0.4%
They got spoilt, some she had to throw away, while others she sold as poultry feed		1	0.4%
They went bad		1	0.4%
They went bad due to heavy rains		2	0.9%
They were carried off by tidal waves into the lake		1	0.4%
They were spoilt		1	0.4%

They were spoilt due to heavy rains		1	0.4%
Throw		1	0.4%
Too much supply		1	0.4%
Weather, low quality		1	0.4%
When there is a high availability of Dagaa in the market and few customers		1	0.4%
spoilage by rainfall		1	0.4%

### X1\_8\_8\_WHAT\_IS\_THE\_FACILITY\_: 1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?

Data file: data\_anon\_ind

#### Overview

Valid: 279 Invalid: 0

Type: Discrete Width: 34 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Landing site		246	88.2%
Landing site Other		1	0.4%
Landing site Other structure		1	0.4%
Landing site Other structure Other		2	0.7%
Other		24	8.6%
Other structure		5	1.8%

### X1\_8\_8\_WHAT\_IS\_THE\_FACILITY\_.1: 1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?/Landing site

Data file: data\_anon\_ind

#### Overview

Valid: 279 Invalid: 3

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	29	10.4%
2	Yes	250	89.6%
Sysmiss		3	

**X1\_8\_8\_WHAT\_IS\_THE\_FACILITY\_2: 1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?/Other structure****Data file:** data\_anon\_ind**Overview**

Valid: 279 Invalid: 3

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	271	97.1%
2	Yes	8	2.9%
Sysmiss		3	

**X1\_8\_8\_WHAT\_IS\_THE\_FACILITY\_3: 1.8.8 What is the facility where you bought your fish? Did it have a landing site or other structure?/Other****Data file:** data\_anon\_ind**Overview**

Valid: 279 Invalid: 3

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	252	90.3%
2	Yes	27	9.7%
Sysmiss		3	

**X1\_8\_9\_IF\_YOU\_PROCESS\_AND\_SE: 1.8.9 If you process and sell in a different place how do you transport the fish?****Data file:** data\_anon\_ind**Overview**

Valid: 245 Invalid: 0

Type: Discrete Width: 13 Range: - Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Delivered		51	20.8%
Own transport		6	2.4%
Use taxi		28	11.4%
Walk		160	65.3%

**X1\_8\_10\_OF\_THE\_FISH\_YOU\_BUY\_:** 1.8.10 Of the fish you buy how much of this do you try to sell fresh?

Data file: data\_anon\_ind

### Overview

Valid: 240 Invalid: 0

Type: Discrete Width: 17 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All		72	30%
Half		14	5.8%
Less than quarter		6	2.5%
Most		49	20.4%
None		99	41.3%

**X1\_8\_11\_OF\_THE\_FISH\_YOU\_BUY\_:** 1.8.11 Of the fish you buy how much of this do you try to process and sell?

Data file: data\_anon\_ind

### Overview

Valid: 274 Invalid: 0

Type: Discrete Width: 17 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All		135	49.3%

Half		24	8.8%
Less than quarter		20	7.3%
Most		33	12%
None		62	22.6%

### X1\_8\_12\_OF\_THE\_FISH\_YOU\_BUY\_ : 1.8.12 Of the fish you buy how much do you take home for home consumption?

Data file: data\_anon\_ind

#### Overview

Valid: 240 Invalid: 0

Type: Discrete Width: 17 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
All		3	1.3%
Half		4	1.7%
Less than quarter		194	80.8%
Most		1	0.4%
None		38	15.8%

### X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO: 1.8.13 Where do you sell your fish??

Data file: data\_anon\_ind

#### Overview

Valid: 259 Invalid: 0

Type: Discrete Width: 68 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Community market		47	18.1%
Community market Home		2	0.8%
Community market Home Wholesale market Retail market Regional market		1	0.4%
Community market Retail market		13	5%
Community market Retail market On foot		1	0.4%
Community market Retail market On foot Home		1	0.4%

Community market Retail market Wholesale market		1	0.4%
Community market Wholesale market		4	1.5%
Community market Wholesale market Retail market		1	0.4%
Community market Wholesale market Retail market Home Regional market		1	0.4%
Home		26	10%
Home Community market Regional market		1	0.4%
Home Community market Retail market		2	0.8%
Home Community market Wholesale market		1	0.4%
Home On foot		1	0.4%
Home On foot Retail market		2	0.8%
Home Regional market		1	0.4%
Home Regional market Wholesale market		1	0.4%
Home Retail market		6	2.3%
Home Retail market Wholesale market Regional market		1	0.4%
Home Wholesale market		1	0.4%
On foot		14	5.4%
On foot Community market		2	0.8%
On foot Home		1	0.4%
On foot Home Community market		2	0.8%
On foot Home Retail market		2	0.8%
On foot Retail market		3	1.2%
On foot Retail market Community market		1	0.4%
Regional market		13	5%
Regional market Community market		3	1.2%
Regional market Community market Home		1	0.4%
Regional market Community market Retail market		1	0.4%
Regional market Community market Wholesale market Home		1	0.4%
Regional market Community market Wholesale market Retail market		1	0.4%
Regional market Home		3	1.2%
Regional market Home Community market		4	1.5%
Regional market Home Community market Retail market		1	0.4%
Regional market Home Retail market Wholesale market		1	0.4%
Regional market Retail market		1	0.4%
Regional market Wholesale market		4	1.5%
Retail market		37	14.3%
Retail market Community market		10	3.9%
Retail market Community market Home		4	1.5%
Retail market Home		2	0.8%
Retail market On foot		4	1.5%

Retail market On foot Community market		1	0.4%
Retail market Wholesale market Community market		1	0.4%
Wholesale market		12	4.6%
Wholesale market Community market		1	0.4%
Wholesale market Community market Retail market		1	0.4%
Wholesale market Regional market		3	1.2%
Wholesale market Retail market		8	3.1%
Wholesale market Retail market Home		1	0.4%

### X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO.1: 1.8.13 Where do you sell your fish?/Regional market

Data file: data\_anon\_ind

#### Overview

Valid: 259 Invalid: 23

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	216	83.4%
2	Yes	43	16.6%
Sysmiss		23	

### X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO.2: 1.8.13 Where do you sell your fish?/Home

Data file: data\_anon\_ind

#### Overview

Valid: 259 Invalid: 23

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	188	72.6%
2	Yes	71	27.4%
Sysmiss		23	

**X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO.3: 1.8.13 Where do you sell your fish?/Community market****Data file:** data\_anon\_ind**Overview**

Valid: 259 Invalid: 23

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	148	57.1%
2	Yes	111	42.9%
Sysmiss		23	

**X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO.4: 1.8.13 Where do you sell your fish?/Wholesale market****Data file:** data\_anon\_ind**Overview**

Valid: 259 Invalid: 23

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	213	82.2%
2	Yes	46	17.8%
Sysmiss		23	

**X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO.5: 1.8.13 Where do you sell your fish?/Retail market****Data file:** data\_anon\_ind**Overview**

Valid: 259 Invalid: 23

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	149	57.5%

2	Yes	110	42.5%
Sysmiss		23	

### X1\_8\_13\_WHERE\_DO\_YOU\_SELL\_YO.6: 1.8.13 Where do you sell your fish??/On foot

Data file: data\_anon\_ind

#### Overview

Valid: 259 Invalid: 23

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	224	86.5%
2	Yes	35	13.5%
Sysmiss		23	

### X1\_8\_14\_DO\_YOU\_OWN\_THIS\_PLAC: 1.8.14 Do you own this place or rent?

Data file: data\_anon\_ind

#### Overview

Valid: 209 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Own		72	34.4%
Rent		137	65.6%

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_: 1.8.15 What facilities are available in the place where you market fish?

Data file: data\_anon\_ind

#### Overview

Valid: 245 Invalid: 0

Type: Discrete Width: 97 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Bathrooms		7	2.9%
Bathrooms Electricity		1	0.4%
Bathrooms Electricity Water		1	0.4%
Bathrooms Tables		1	0.4%
Bathrooms Tables Electricity		2	0.8%
Bathrooms Tables Electricity Water		1	0.4%
Bathrooms Tables Water Electricity		1	0.4%
Bathrooms Tables Water Electricity Dry room		1	0.4%
Bathrooms Water Tables		1	0.4%
Cold room		1	0.4%
Cold room Dry room Water Electricity Tables Bathrooms		1	0.4%
Cold room Dry room Water Electricity Tables Bathrooms Child care centres Lock-up/cupboard/lockers		1	0.4%
Cold room Dry room Water Electricity Tables Bathrooms Lock-up/cupboard/lockers		1	0.4%
Cold room Dry room Water Electricity Tables Bathrooms Others		1	0.4%
Cold room Dry room Water Electricity Tables Lock-up/cupboard/lockers Bathrooms Others		1	0.4%
Cold room Dry room Water Tables Electricity		1	0.4%
Cold room Electricity Water Tables Bathrooms		1	0.4%
Cold room Water Bathrooms		1	0.4%
Cold room Water Electricity Tables Bathrooms		2	0.8%
Dry room		5	2%
Dry room Electricity Tables Bathrooms		1	0.4%
Dry room Tables Cold room		1	0.4%
Dry room Water		1	0.4%
Dry room Water Electricity Bathrooms		1	0.4%
Dry room Water Electricity Tables		1	0.4%
Dry room Water Electricity Tables Bathrooms		1	0.4%
Electricity		3	1.2%
Electricity Bathrooms		2	0.8%
Electricity Bathrooms Lock-up/cupboard/lockers		1	0.4%
Electricity Bathrooms Water		2	0.8%
Electricity Child care centres Others		1	0.4%
Electricity Cold room Water Bathrooms Dry room		1	0.4%
Electricity Lock-up/cupboard/lockers		1	0.4%
Electricity Lock-up/cupboard/lockers Water Tables		1	0.4%

Electricity Tables	1	0.4%
Electricity Tables Bathrooms	2	0.8%
Electricity Tables Water	1	0.4%
Electricity Tables Water Bathrooms Cold room	1	0.4%
Electricity Water Bathrooms	8	3.3%
Electricity Water Lock-up/cupboard/lockers Bathrooms	2	0.8%
Electricity Water Tables	1	0.4%
Electricity Water Tables Bathrooms	4	1.6%
Electricity Water Tables Bathrooms Dry room	1	0.4%
Electricity Water Tables Cold room Dry room Bathrooms	1	0.4%
Lock-up/cupboard/lockers	5	2%
Lock-up/cupboard/lockers Tables Electricity Water Dry room	1	0.4%
Others	31	12.7%
Tables	28	11.4%
Tables Bathrooms	4	1.6%
Tables Bathrooms Cold room Water	1	0.4%
Tables Bathrooms Electricity Water	1	0.4%
Tables Bathrooms Water	1	0.4%
Tables Bathrooms Water Electricity Cold room	1	0.4%
Tables Cold room	1	0.4%
Tables Electricity Water	2	0.8%
Tables Electricity Water Cold room Dry room Bathrooms	1	0.4%
Tables Water	6	2.4%
Tables Water Cold room Bathrooms	1	0.4%
Tables Water Electricity	3	1.2%
Water	6	2.4%
Water Bathrooms	5	2%
Water Dry room Electricity Tables	1	0.4%
Water Electricity	6	2.4%
Water Electricity Bathrooms	24	9.8%
Water Electricity Cold room Tables	1	0.4%
Water Electricity Cold room Tables Bathrooms	1	0.4%
Water Electricity Dry room Lock-up/cupboard/lockers Bathrooms	1	0.4%
Water Electricity Lock-up/cupboard/lockers Bathrooms Dry room	2	0.8%
Water Electricity Others	2	0.8%
Water Electricity Tables	8	3.3%
Water Electricity Tables Bathrooms	11	4.5%
Water Electricity Tables Bathrooms Dry room	1	0.4%
Water Electricity Tables Cold room	1	0.4%



Water Tables		10	4.1%
Water Tables Bathrooms		4	1.6%
Water Tables Electricity		1	0.4%
Water Tables Electricity Bathrooms		1	0.4%

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_.1: 1.8.15 What facilities are available in the place where you market fish?/Cold room

Data file: data\_anon\_ind

#### Overview

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	222	90.6%
2	Yes	23	9.4%
Sysmiss		37	

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_.2: 1.8.15 What facilities are available in the place where you market fish?/Dry room

Data file: data\_anon\_ind

#### Overview

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	217	88.6%
2	Yes	28	11.4%
Sysmiss		37	

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_.3: 1.8.15 What facilities are available in the place where you market fish?/Water

Data file: data\_anon\_ind

**Overview**

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	99	40.4%
2	Yes	146	59.6%
Sysmiss		37	

**X1\_8\_15\_WHAT\_FACILITIES\_ARE\_.4: 1.8.15 What facilities are available in the place where you market fish?/Electricity**

Data file: data\_anon\_ind

**Overview**

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	121	49.4%
2	Yes	124	50.6%
Sysmiss		37	

**X1\_8\_15\_WHAT\_FACILITIES\_ARE\_.5: 1.8.15 What facilities are available in the place where you market fish?/Tables**

Data file: data\_anon\_ind

**Overview**

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	121	49.4%

2	Yes	124	50.6%
Sysmiss		37	

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_6: 1.8.15 What facilities are available in the place where you market fish?/Lock-up/cupboard/lockers

Data file: data\_anon\_ind

#### Overview

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	228	93.1%
2	Yes	17	6.9%
Sysmiss		37	

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_7: 1.8.15 What facilities are available in the place where you market fish?/Bathrooms

Data file: data\_anon\_ind

#### Overview

Valid: 245 Invalid: 37

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	132	53.9%
2	Yes	113	46.1%
Sysmiss		37	

### X1\_8\_15\_WHAT\_FACILITIES\_ARE\_8: 1.8.15 What facilities are available in the place where you market fish?/Child care centres

Data file: data\_anon\_ind

#### Overview

Valid: 245 Invalid: 37

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	243	99.2%
2	Yes	2	0.8%
Sysmiss		37	

## X1\_8\_15\_WHAT\_FACILITIES\_ARE\_.9: 1.8.15 What facilities are available in the place where you market fish?/Others

Data file: data\_anon\_ind

### Overview

Valid: 245    Invalid: 37

Type: Discrete    Decimal: 0    Width: 8    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	209	85.3%
2	Yes	36	14.7%
Sysmiss		37	

## X1\_8\_16\_HOW\_OFTEN\_DO\_YOU\_SEL: 1.8.16 How often do you sell at this facility?

Data file: data\_anon\_ind

### Overview

Valid: 249    Invalid: 0

Type: Discrete    Width: 16    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Every other week		34	13.7%
Once a month		12	4.8%
Once a week		31	12.4%
Other		71	28.5%

Twice a week		101	40.6%
--------------	--	-----	-------

## X1\_8\_17\_WHAT\_TECHNOLOGIES\_DO: 1.8.17 What “technologies” do you use to do your business related to handling, smoking, drying, chilling, storing, packing material, new transportation methods etc

Data file: data\_anon\_ind

### Overview

Valid: 269

Type: Discrete Width: 123 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Boil and drying		1	0.4%
Boiling		2	0.7%
Boiling and Drying		2	0.7%
Boiling and Trying		1	0.4%
Boiling and drying		2	0.7%
Boiling and sun drying		3	1.1%
Boiling, Cooking and Drying		1	0.4%
Boiling, Drying		1	0.4%
Boiling, Salting and Sun Drying		1	0.4%
Chilling using cooking oil		3	1.1%
Cooking		2	0.7%
Deep frying		5	1.9%
Deep frying, boiling and sun drying		1	0.4%
Drying		16	5.9%
Drying and smoking		1	0.4%
Drying dagaa, smoking Nileperch and tilapia		1	0.4%
Drying on the racks		1	0.4%
Drying using racks		1	0.4%
Drying and deep flying		1	0.4%
Fish drying no technology		1	0.4%
Fish smoking		1	0.4%
Frozen and deep frying		1	0.4%
Frying		1	0.4%
Handling		2	0.7%
I don't use any technology		1	0.4%

I drying for using sun ,and packing for using viroba	1	0.4%
Interpreurship skills	1	0.4%
Local	2	0.7%
Local ways	1	0.4%
N/A	1	0.4%
NA	7	2.6%
Na	2	0.7%
Nil	2	0.7%
No	2	0.7%
No answer	1	0.4%
No technology	21	7.8%
No technology i use	1	0.4%
No technology she use	7	2.6%
No technology she uses	1	0.4%
No technology use	2	0.7%
No technology we use	1	0.4%
No training	1	0.4%
No training received	1	0.4%
Non of them	1	0.4%
None	98	36.4%
None, only sun-drying on sand beach	1	0.4%
Nothing	1	0.4%
Packaging	1	0.4%
Phone communicating with customers	1	0.4%
Processing	1	0.4%
Raised racks to dry fish	1	0.4%
Raw selling	1	0.4%
Salting and Drying	1	0.4%
Salting, Boiling, Drying	1	0.4%
She doesn't use any technology	5	1.9%
She doesn't use technology	1	0.4%
She has not received any technology	1	0.4%
She uses firewood and charcoal to boil and fry her fish	1	0.4%
She uses firewood and charcoal to fry and boil her fish	1	0.4%
She uses firewood for smoking her fish	1	0.4%
She uses firewood for smoking. She uses a sealing machine for packing She uses drying racks for drying her fish and dagaa	1	0.4%
She uses firewood to fry Dagaa	1	0.4%
She uses firewood to fry fish	1	0.4%

She uses firewood to smoke her fish		1	0.4%
She uses no technology		1	0.4%
She uses simple technology like sun drying		1	0.4%
Smoking		7	2.6%
Smoking and deep frying		1	0.4%
Smoking and drying		1	0.4%
Smoking, drying		1	0.4%
Smoking, sun drying		1	0.4%
Sun		3	1.1%
Sun Drying		2	0.7%
Sun and boiling		1	0.4%
Sun drying		9	3.3%
Sun drying no technology		2	0.7%
Sun drying, smoking		1	0.4%
Sundrying, boiling& sundrying		1	0.4%
Washing fish before selling		1	0.4%
Ye		1	0.4%
none		5	1.9%

### X1\_818\_WHAT\_TRAINING\_HAVE\_YO: 1.818 What training have you had in the use of the technology? (Enter name of technology)

Data file: data\_anon\_ind

#### Overview

Valid: 270 Invalid: 0

Type: Discrete Width: 59 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Drying		1	0.4%
Drying racks		1	0.4%
Fish drying and packing		1	0.4%
Fish handling		3	1.1%
Fish handling and Processing		1	0.4%
Fish handling and Storage		1	0.4%
Fish storage		1	0.4%
Food safety		1	0.4%
Frying of fish		1	0.4%

I don't know	1	0.4%
I have never received any training	2	0.7%
Kiln	1	0.4%
Kiln smoking	1	0.4%
N/A	4	1.5%
NA	14	5.2%
NO	4	1.5%
Nil	2	0.7%
Nine	1	0.4%
No	26	9.6%
No any training	1	0.4%
No any training, just experience	1	0.4%
No technology	8	3%
No technology received	1	0.4%
No technology training received	1	0.4%
No technology training recieved	1	0.4%
No training	13	4.8%
No training attended	6	2.2%
No training on the use of technology she has received	1	0.4%
No training received	39	14.4%
No training she has received	1	0.4%
No training she received	1	0.4%
Non	1	0.4%
None	104	38.5%
Not applicable	4	1.5%
Not at all	1	0.4%
Not received any	1	0.4%
Not received any training	1	0.4%
Nothing	1	0.4%
Packaging	1	0.4%
Processing fish	1	0.4%
Raised racks	1	0.4%
She has not received any training	3	1.1%
She has not received any training on the use of technology	1	0.4%
Smoking	2	0.7%
Smoking, drying,frying	1	0.4%
Washing fish before drying	1	0.4%
none	5	1.9%



**X1\_8\_19\_HAVE\_YOU\_CHANGED\_WHA: 1.8.19 Have you changed what you do in your business due to changes in the environment (it is hotter, drier, less water in the rivers, less fish)? The result may be reduced catch, more competition to buy fish, non-local fishing people in your area etc**

**Data file:** data\_anon\_ind

## Overview

Valid: 253 Invalid: 0

Type: Discrete Width: 44 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Increase prices		45	17.8%
Other		87	34.4%
Try to buy more fish to avoid shortage		47	18.6%
Try to process fish to increase preservation		74	29.2%

**X1\_8\_20\_HOW\_HAVE\_THESE\_CHANG: 1.8.20 How have these changes impacted on your business?**

**Data file:** data\_anon\_ind

## Overview

Valid: 245

Type: Discrete Width: 114 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Accidents, bank loans/losses		1	0.4%
Adjust with availability		1	0.4%
Affect capital		1	0.4%
Affect price		1	0.4%
Affects the prices, makes it difficult to obtain profit		1	0.4%
At times she incurs losses		1	0.4%
At times she incurs losses		2	0.8%
Beneficial		1	0.4%
Both negatively and positively		1	0.4%
Brings losses to her business		1	0.4%

Capital increased		2	0.8%
Decreased capital		2	0.8%
Decreased my capital		1	0.4%
Decreasing in capital		1	0.4%
Don't buy fish during rain season		1	0.4%
Encounters a lot of loses		1	0.4%
Engaged in charcoal busxbusinas an altrnative		1	0.4%
Fish last longer		1	0.4%
Gave me loss		1	0.4%
Get good price in few coming poor seasons		1	0.4%
Good price during low season		1	0.4%
Good prices		1	0.4%
Good profit		1	0.4%
Got loss		1	0.4%
Got loss, reduces my servings to add up capital		1	0.4%
Growing business		1	0.4%
Growing in business		1	0.4%
He incurs loses especially when he salts and dries the fish		1	0.4%
Helped to deal with post harvest losses		1	0.4%
High profit		1	0.4%
High profit due to fish unavailability		1	0.4%
How to balance and control my Capital		1	0.4%
I have not changed my business		1	0.4%
I lost		1	0.4%
Improved my business		1	0.4%
Improved my busness		2	0.8%
Improved my bussnes		1	0.4%
Improved my bussness		2	0.8%
Improved the bussness		2	0.8%
Improved the bussnes		1	0.4%
Increase capital		7	2.9%
Increase customer demand		1	0.4%
Increase income		1	0.4%
Increase my capital		1	0.4%
Increase my profit		1	0.4%
Increase of Shelflife		1	0.4%
Increase of capital		1	0.4%
Increase of fish orders from buyers		1	0.4%
Increase price		1	0.4%

Increased capital		10	4.1%
Increased income		3	1.2%
Increased my capital		4	1.6%
Increased my income		1	0.4%
Increased of capital		3	1.2%
Increased shelf life		1	0.4%
Increased the capital and income		1	0.4%
Increased work as I am forced to work more		1	0.4%
Increases more income		1	0.4%
Keep fish for long time		1	0.4%
Kind growing my business		1	0.4%
Lack of capital		1	0.4%
Leads to high profit		1	0.4%
Less income		1	0.4%
Little income		1	0.4%
Long shelf life		1	0.4%
Loose some capital		1	0.4%
Loss		5	2%
Loss of capita		1	0.4%
Loss of capital		2	0.8%
Loss of capital is high		1	0.4%
Low capital		1	0.4%
Low income		3	1.2%
Lowere my capital		1	0.4%
Lowered capital		1	0.4%
Lowered my capital		2	0.8%
Minimal profit		1	0.4%
More profit		1	0.4%
Most of the times she sells her stock at low prices especially when it is raining, causing her to encounter losses		1	0.4%
N/A		6	2.4%
NA		4	1.6%
Na		4	1.6%
Nil		1	0.4%
No		2	0.8%
No answer		2	0.8%
No any changes I have done		1	0.4%
No change		1	0.4%
No changes		5	2%

No changes done		1	0.4%
No changes observed		3	1.2%
No changes observed		1	0.4%
No changes. No capital		1	0.4%
No impact observed		1	0.4%
No impact observed		1	0.4%
No impact seen		1	0.4%
No respond		1	0.4%
No training		4	1.6%
None		11	4.5%
None because we loose and we make		1	0.4%
Nonee		1	0.4%
Normal		3	1.2%
Not answered		1	0.4%
Not applicable		2	0.8%
Not changed		7	2.9%
Not changed my busness		1	0.4%
Not changes done		1	0.4%
Not much		1	0.4%
Not trained		2	0.8%
Nothing changed		1	0.4%
One encounters losses		1	0.4%
Positively		6	2.4%
Positively but little		1	0.4%
Positively increased price		1	0.4%
Price increase		1	0.4%
Profit increase		1	0.4%
Raised my capital		3	1.2%
Reduce loss		1	0.4%
Reduced capital		1	0.4%
Reduced customers which lead to low income and close of the busness		1	0.4%
Resulted in loss		1	0.4%
Retaining markets		1	0.4%
Run short of capital		1	0.4%
Selling at high price		1	0.4%
Shaking my Capital		1	0.4%
She at times incurs losses		2	0.8%
She attimes incurs losses		1	0.4%
She doesn't have improved facilities to store and preserve her stock		1	0.4%

She encounters losses at times		2	0.8%
She gets encounters losses		1	0.4%
She incurs loses		12	4.9%
She incurs loses at times		2	0.8%
She incurs losses at times		1	0.4%
She stops the businesses when the fish price rises		1	0.4%
Shelflife and price increase		1	0.4%
Shelflife increase		1	0.4%
Sold more		1	0.4%
Somehow when larger catch landed		1	0.4%
Taugh to get fish		1	0.4%
They can incurr losses during heavy rains		1	0.4%
They cause her to incur losses		1	0.4%
They cause her to incur losses		1	0.4%
They have not impacted her business		1	0.4%
They sell at low prices hence incurr losses		1	0.4%
They sell at low prices, incur losses		1	0.4%
When she smokes, she gains more profit since she has to sell them at a higher price		1	0.4%
Yes		1	0.4%
she incurs loses		1	0.4%

### X1\_9\_1\_ARE\_YOU\_A\_MEMBER\_OF\_A: 1.9.1 Are you a member of a local fisheries organisation?

Data file: data\_anon\_ind

#### Overview

Valid: 282 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		205	72.7%
Yes		77	27.3%

### X1\_9\_2\_SINCE\_WHAT\_YEAR\_HAVE\_: 1.9.2 Since what year have you been a member?

Data file: data\_anon\_ind

## Overview

Valid: 77 Invalid: 0

Type: Discrete Width: 11 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	1.3%
1992		1	1.3%
1993		1	1.3%
2 months		1	1.3%
2000		1	1.3%
2010		1	1.3%
2013		1	1.3%
2014		2	2.6%
2015		4	5.2%
2016		6	7.8%
2017		6	7.8%
2018		8	10.4%
2019		16	20.8%
2020		15	19.5%
2021		3	3.9%
3 years		2	2.6%
3years		1	1.3%
5 years		1	1.3%
5 years ago		1	1.3%
6		1	1.3%
7 years		1	1.3%
This year		1	1.3%
Two months		1	1.3%
Two years		1	1.3%

**X1\_9\_3\_CAN\_YOU\_TELL\_ME\_HOW\_M: 1.9.3 Can you tell me how many members there are in your local organisation now?**

Data file: data\_anon\_ind

## Overview

Valid: 77 Invalid: 0

Type: Discrete Width: 36 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
10		12	15.6%
100		2	2.6%
12		1	1.3%
120		2	2.6%
13		2	2.6%
130		2	2.6%
14		1	1.3%
15		3	3.9%
16		2	2.6%
18		1	1.3%
20		5	6.5%
20 in savings and credit 320 in BMU		1	1.3%
2020		1	1.3%
25		6	7.8%
26		2	2.6%
28		1	1.3%
3		1	1.3%
30		12	15.6%
34		1	1.3%
35		1	1.3%
38		1	1.3%
39		1	1.3%
40		4	5.2%
47		1	1.3%
5		1	1.3%
50		3	3.9%
60		3	3.9%
71		1	1.3%
9		1	1.3%
900		1	1.3%
Not sure		1	1.3%

**X1\_9\_4\_HOW\_MANY\_MEMBERS\_WERE: 1.9.4 How many members were there when you first**

**joined?****Data file:** data\_anon\_ind**Overview**

Valid: 77    Invalid: 0

Type: Discrete    Width: 10    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
08		1	1.3%
10		13	16.9%
100		2	2.6%
102 in BMU		1	1.3%
13		1	1.3%
15		6	7.8%
160		1	1.3%
17		1	1.3%
18		2	2.6%
19		1	1.3%
190		1	1.3%
20		7	9.1%
23		1	1.3%
25		4	5.2%
26		1	1.3%
27		1	1.3%
28		2	2.6%
29		1	1.3%
3		2	2.6%
30		9	11.7%
32		1	1.3%
34		1	1.3%
40		2	2.6%
5		2	2.6%
50		1	1.3%
55		2	2.6%
6		1	1.3%
60		2	2.6%
70		1	1.3%
8		2	2.6%



9		2	2.6%
Not sure		1	1.3%
Same		1	1.3%

## X1\_9\_5\_WHAT\_BENEFITS\_ARE\_THE: 1.9.5 What benefits are there of the organisation?

Data file: data\_anon\_ind

### Overview

Valid: 155 Invalid: 0

Type: Discrete Width: 98 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Economic		1	0.6%
Economic Representation for women involved in fisheries in the local area		1	0.6%
Economic Social benefit		6	3.9%
Economic Social benefit Representation for women involved in fisheries in the local area		3	1.9%
Others		68	43.9%
Representation for women involved in fisheries in the local area		7	4.5%
Representation for women involved in fisheries in the local area Social benefit		1	0.6%
Social benefit		8	5.2%
Social benefit Economic		38	24.5%
Social benefit Economic Others		1	0.6%
Social benefit Economic Political Representation for women involved in fisheries in the local area		2	1.3%
Social benefit Economic Representation for women involved in fisheries in the local area		17	11%
Social benefit Economic Representation for women involved in fisheries in the local area Others		1	0.6%
Social benefit Economic Representation for women involved in fisheries in the local area Political		1	0.6%

## X1\_9\_5\_WHAT\_BENEFITS\_ARE\_THE.1: 1.9.5 What benefits are there of the organisation?/Social benefit

Data file: data\_anon\_ind

### Overview

Valid: 155 Invalid: 127

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	77	49.7%
2	Yes	78	50.3%
Sysmiss		127	

### X1\_9\_5\_WHAT\_BENEFITS\_ARE\_THE.2: 1.9.5 What benefits are there of the organisation?/Economic

Data file: data\_anon\_ind

#### Overview

Valid: 155 Invalid: 127

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	84	54.2%
2	Yes	71	45.8%
Sysmiss		127	

### X1\_9\_5\_WHAT\_BENEFITS\_ARE\_THE.3: 1.9.5 What benefits are there of the organisation?/Political

Data file: data\_anon\_ind

#### Overview

Valid: 155 Invalid: 127

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	152	98.1%
2	Yes	3	1.9%
Sysmiss		127	

## **X1\_9\_5\_WHAT\_BENEFITS\_ARE\_THE.4: 1.9.5 What benefits are there of the organisation?/Representation for women involved in fisheries in the local area**

**Data file:** data\_anon\_ind

### **Overview**

Valid: 155 Invalid: 127

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1	No	122	78.7%
2	Yes	33	21.3%
Sysmiss		127	

## **X1\_9\_5\_WHAT\_BENEFITS\_ARE\_THE.5: 1.9.5 What benefits are there of the organisation?/Others**

**Data file:** data\_anon\_ind

### **Overview**

Valid: 155 Invalid: 127

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1	No	85	54.8%
2	Yes	70	45.2%
Sysmiss		127	

## **X1\_9\_5\_1\_DESCRIBE\_OTHERS: 1.9.5.1 Describe others**

**Data file:** data\_anon\_ind

### **Overview**

Valid: 65 Invalid: 0

Type: Discrete Width: 64 Range: - Format: character

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
Business education		1	1.5%
I am not a member		1	1.5%
I do not belong to any group		1	1.5%
Illegal fishing is controlled		1	1.5%
Is not a member of any organization		1	1.5%
New organisation		1	1.5%
None		4	6.2%
Not a member		1	1.5%
Not a member of any organization		1	1.5%
Not a member		9	13.8%
Not a member of any fisheries organization		1	1.5%
Not a member in any organization		1	1.5%
Not a member of any fisheries officer		1	1.5%
Not a member of any fisheries organization		7	10.8%
Not a member of any fisheries organizationt		1	1.5%
Not a member of any organization		20	30.8%
Not a member of organization		1	1.5%
Not a member so doesn't know		1	1.5%
Not answer end		1	1.5%
Not answered		1	1.5%
Not applicable		1	1.5%
Not in any organizations		1	1.5%
She is not a member of any fisheries organization		1	1.5%
She is not a member of any organization		2	3.1%
She is not in any organization		1	1.5%
They have not benefited in any way		1	1.5%
Vicoba		1	1.5%
We have got no benefits since the initiation of the organization		1	1.5%

### **X1\_9\_6\_HAS\_THE\_ORGANISATION\_: 1.9.6 Has the organisation attended local government meetings about any concerns you have with fisheries?**

Data file: data\_anon\_ind

#### **Overview**

Valid: 77 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		56	72.7%
Yes		21	27.3%

## X1\_9\_7\_WHAT\_ARE\_THESE\_CONCER: 1.9.7 What are these concerns?

Data file: data\_anon\_ind

### Overview

Valid: 70 Invalid: 0

Type: Discrete Width: 74 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
About tarrifs		1	1.4%
Access to loan from the district		1	1.4%
Always not informed if there is a meeting		1	1.4%
Asked for loans		1	1.4%
Asking for soft loans and training		1	1.4%
Challenges facing fisheries sector like fish storage and processing issues		1	1.4%
Drowning of fishers Theft of fishing facilities		1	1.4%
Illegal fishing activities		1	1.4%
Insufficient capital		8	11.4%
Insufficient capital, poor transportation means to market areas		1	1.4%
Land plots		1	1.4%
Legal fishing gear		1	1.4%
N/A		4	5.7%
NA		2	2.9%
Na		13	18.6%
No answer		1	1.4%
None		8	11.4%
Not answered		7	10%
Not involved		1	1.4%
Not registered		1	1.4%
Not sure		1	1.4%

Organizational development and sustainability, women soft loans	1	1.4%
Poor Organization management	1	1.4%
Poor involvement in fisheries activities	1	1.4%
Poor organization management	1	1.4%
Providing of loans	1	1.4%
Request for loan	1	1.4%
Retaining 2 percent of revenues for management	1	1.4%
The organisation has not long time since its establishment	1	1.4%
Theft of Fishing gears	1	1.4%
They have poor organization systems	1	1.4%
To get support from the government	1	1.4%
Unfair treatment of women at landing sites	1	1.4%
Womes Fishers Association	1	1.4%

### X1\_9\_8\_WAS\_THE\_PROBLEM\_RESOL: 1.9.8 Was the problem resolved?

Data file: data\_anon\_ind

#### Overview

Valid: 61 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
No		52	85.2%
Yes		9	14.8%

### X1\_9\_9\_WHEN\_WAS\_THE\_LAST\_TIM: 1.9.9 When was the last time you attended a meeting? How long ago was this?

Data file: data\_anon\_ind

#### Overview

Valid: 71 Invalid: 0

Type: Discrete Width: 13 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

Nine months		2	2.8%
One month		52	73.2%
Six months		5	7%
Twelve months		5	7%
Two months		7	9.9%

### **X1\_9\_10\_DO\_YOU\_THINK\_AN\_ORGA: 1.9.10 Do you think an organisation would help increase your voice in dealing with issues in post-harvest handling, processing and selling fish?**

Data file: data\_anon\_ind

#### **Overview**

Valid: 76 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		15	19.7%
Yes		61	80.3%

### **X1\_9\_11\_IF\_THERE\_WAS\_AN\_ORGA: 1.9.11 If there was an organisation available locally, would you pay to be a member of it?**

Data file: data\_anon\_ind

#### **Overview**

Valid: 77 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		16	20.8%
Yes		61	79.2%

### **X1\_10\_1\_HOW\_DID\_YOU\_LEARN\_TO: 1.10.1 How did you learn to source/buy fish?**

Data file: data\_anon\_ind

## Overview

Valid: 274 Invalid: 0  
 Type: Discrete Width: 23 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Family		33	12%
From others in the area		107	39.1%
From parents		46	16.8%
Self-taught		87	31.8%
Trained from a project		1	0.4%

## X1\_10\_2\_HOW\_DID\_YOU\_LEARN\_TO: 1.10.2 How did you learn to process and store fish?

Data file: data\_anon\_ind

## Overview

Valid: 252 Invalid: 0  
 Type: Discrete Width: 23 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Family		29	11.5%
From others in the area		103	40.9%
From parents		40	15.9%
Self-taught		79	31.3%
Trained from a project		1	0.4%

## X1\_10\_3\_HOW\_DID\_YOU\_LEARN\_TO: 1.10.3 How did you learn to use the technologies you use?

Data file: data\_anon\_ind

## Overview

Valid: 186 Invalid: 0  
 Type: Discrete Width: 23 Range: - Format: character

## Questions and instructions



## CATEGORIES

Value	Category	Cases	
Family		30	16.1%
From others in the area		62	33.3%
From parents		34	18.3%
Self-taught		56	30.1%
Trained from a project		4	2.2%

### X1\_10\_4\_DID\_YOU\_RECEIVE\_ANY\_: 1.10.4 Did you receive any special training from projects?

Data file: data\_anon\_ind

#### Overview

Valid: 281 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
No		254	90.4%
Yes		27	9.6%

### X1\_10\_5\_HOW\_LONG\_WAS\_THE\_TRA: 1.10.5 How long was the training? (In days)

Data file: data\_anon\_ind

#### Overview

Valid: 27 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
1		13	48.1%
2		8	29.6%
3		3	11.1%
4		1	3.7%
5		2	7.4%

**X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_ : 1.10.6 What were these new ideas mainly to do with?****Data file:** data\_anon\_ind**Overview**

Valid: 27 Invalid: 0

Type: Discrete Width: 72 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Fish handling		1	3.7%
Fish handling Fish processing		2	7.4%
Fish handling Fish processing Fish selling		4	14.8%
Fish handling Fish processing Fish selling Organisation		1	3.7%
Fish handling Organisation Fish selling Fish processing		1	3.7%
Fish processing		3	11.1%
Fish processing Fish handling Fish selling		2	7.4%
Fish processing Fish handling Fish selling Organisation		1	3.7%
Fish processing Fish selling		2	7.4%
Fish processing Fish selling Fish handling		1	3.7%
Fish selling Fish processing Fish handling		1	3.7%
Fish selling Fish processing Fish handling Other		1	3.7%
Organisation Fish selling Fish handling Fish processing		1	3.7%
Other		1	3.7%
Technology Fish handling Fish processing Fish selling		2	7.4%
Technology Fish handling Fish processing Fish selling Other		1	3.7%
Technology Fish processing Fish selling		1	3.7%
Technology Organisation Fish handling Fish processing Fish selling Other		1	3.7%

**X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_.1: 1.10.6 What were these new ideas mainly to do with?/Technology****Data file:** data\_anon\_ind**Overview**

Valid: 27 Invalid: 255

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	22	81.5%
2	Yes	5	18.5%
Sysmiss		255	

### X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_2: 1.10.6 What were these new ideas mainly to do with?/Organisation

Data file: data\_anon\_ind

#### Overview

Valid: 27 Invalid: 255

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	22	81.5%
2	Yes	5	18.5%
Sysmiss		255	

### X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_3: 1.10.6 What were these new ideas mainly to do with?/Fish handling

Data file: data\_anon\_ind

#### Overview

Valid: 27 Invalid: 255

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	No	7	25.9%
2	Yes	20	74.1%
Sysmiss		255	

### X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_4: 1.10.6 What were these new ideas mainly to do with?/Fish processing

Data file: data\_anon\_ind

**Overview**

Valid: 27 Invalid: 255

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	2	7.4%
2	Yes	25	92.6%
Sysmiss		255	

**X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_.5: 1.10.6 What were these new ideas mainly to do with?/Fish selling**

Data file: data\_anon\_ind

**Overview**

Valid: 27 Invalid: 255

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	7	25.9%
2	Yes	20	74.1%
Sysmiss		255	

**X1\_10\_6\_WHAT\_WERE\_THESE\_NEW\_.6: 1.10.6 What were these new ideas mainly to do with?/Other**

Data file: data\_anon\_ind

**Overview**

Valid: 27 Invalid: 255

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	23	85.2%

2	Yes	4	14.8%
Sysmiss		255	

### X1\_10\_6\_IF\_OTHER\_WHAT\_WERE\_T: 1.10.6 If other what were these ideas mainly to do with?

Data file: data\_anon\_ind

#### Overview

Valid: 4 Invalid: 0

Type: Discrete Width: 36 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Discussed challenges facing fishers		1	25%
Frying, additives		1	25%
Interpreurship		2	50%

### X1\_10\_7\_WHAT\_SPECIFIC\_TRAINI: 1.10.7 What specific training would be helpful for you? E.g. fish handling, drying, packaging? Cooking and preparing?

Data file: data\_anon\_ind

#### Overview

Valid: 246 Invalid: 0

Type: Discrete Width: 77 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
All aspects		1	0.4%
All mentioned		2	0.8%
All training if I get it		1	0.4%
Any modern technologies of frying or drying dagaa and guru		1	0.4%
Best processing/frying technologies		1	0.4%
Better smoking technology or marketing technics		1	0.4%
Both		1	0.4%
Business Management, marketing skills		1	0.4%
Business and processing techniques		1	0.4%
Business handling and Fish Processing Techniques		1	0.4%

Business skills		1	0.4%
Dagaa drying to improve their quality, marketing		1	0.4%
Dagaa drying using solar panels		1	0.4%
Dagaa drying, processing,marketing		1	0.4%
Dagaa handling, drying, marketing		1	0.4%
Dagaa processing, drying, marketing		1	0.4%
Dagaa processing, marketing		1	0.4%
Drying		2	0.8%
Drying and packaging		2	0.8%
Drying and packaging trains		1	0.4%
Drying fish		1	0.4%
Drying technologies		1	0.4%
Drying technology especially during rainfall		1	0.4%
Drying, Fish Processing		1	0.4%
Entrepreneurship		1	0.4%
Entrepreneurship and fish Processing		1	0.4%
Entrepreneurship, Fish Processing		1	0.4%
Entrepreneurship		1	0.4%
Entrepreneur , packaging		1	0.4%
Entrepreneur and fish processing technologies		1	0.4%
Entrepreneur education		1	0.4%
Entrepreneur knowledge		1	0.4%
Entrepreneurship		2	0.8%
Entrepreneurship skills		2	0.8%
Entrepreneurship skills and Fish handling		1	0.4%
Entrepreneurship skills and Value Addition		1	0.4%
Entrepreneurship		12	4.9%
Entrepreneurship and fish processing		1	0.4%
Entrepreneurship and new processing technology for rain season		1	0.4%
Entrepreneurship, fish bussiness		1	0.4%
Entrepreneurship, food vending		1	0.4%
Financial management and entrepreneurship		1	0.4%
Fish Handling, Drying and Packaging		1	0.4%
Fish Marketing		1	0.4%
Fish Marketing, Fish Processing		1	0.4%
Fish Marketing, packaging		1	0.4%
Fish Processing		5	2%
Fish Processing Techniques		3	1.2%
Fish Processing and storage		1	0.4%

Fish Processing, Fish handling		1	0.4%
Fish Processing, Fish handling, packaging, marketing		1	0.4%
Fish Processing, Packaging		1	0.4%
Fish Processing, entrepreneurship		1	0.4%
Fish Processing, entrepreneurship,		1	0.4%
Fish Trading		1	0.4%
Fish business		1	0.4%
Fish drying		5	2%
Fish drying and processing		1	0.4%
Fish handling		5	2%
Fish handling ,drying and packaging		1	0.4%
Fish handling Drying and packaging		1	0.4%
Fish handling and Intrepreurashipship skills		1	0.4%
Fish handling and Storage		1	0.4%
Fish handling and Value Addition		1	0.4%
Fish handling and entrepreneurship		1	0.4%
Fish handling and processing		1	0.4%
Fish handling and storage		1	0.4%
Fish handling drying and packegeing		1	0.4%
Fish handling, Fish processing, marketing		1	0.4%
Fish handling, Processing, Packaging		1	0.4%
Fish handling, Processing,Marketing		1	0.4%
Fish handling, drying		1	0.4%
Fish handling, drying and packaging		1	0.4%
Fish handling, drying, packaging, marketing		1	0.4%
Fish handling, dying and packaging		1	0.4%
Fish handling, marketing		2	0.8%
Fish handling, marketing, profit making		1	0.4%
Fish handling, packaging, preservation, marketing		1	0.4%
Fish handling, processing and Intrepreuraship skills for Women and Youngs		1	0.4%
Fish handling, processing, marketing		3	1.2%
Fish handling, storage, marketing		1	0.4%
Fish handling, storage, packaging, marketing		1	0.4%
Fish handling, storage, packaging, processing		1	0.4%
Fish handling,processing and packaging		1	0.4%
Fish marketing, fish processing		1	0.4%
Fish packaging		2	0.8%
Fish processing		2	0.8%
Fish processing and Trading		1	0.4%

Fish processing and packaging	1	0.4%
Fish processing and storage	1	0.4%
Fish processing, Marketing	2	0.8%
Fish processing, entrepreneurship	1	0.4%
Fish processing, fish storage, marketing	1	0.4%
Fish processing, marketing	1	0.4%
Fish processing, packaging, entrepreneurship	1	0.4%
Fish processing, storage,marketing	1	0.4%
Fish smoking	1	0.4%
Fish storage	1	0.4%
Fish storage and Processing	2	0.8%
Fish/Dagaa Drying	1	0.4%
Fisheries Management and Governance (Sustainable Fisheries)	1	0.4%
Frying	1	0.4%
Handling and Entrepreneur	1	0.4%
I think fish handling and packing its better for me	1	0.4%
Improved processing ttexhnolog, entrepreyraining skills training	1	0.4%
Market building	1	0.4%
Market information and acces; capital access and entrepreneurship skills	1	0.4%
Marketing	1	0.4%
Marketing and market search	1	0.4%
Marketing and processing	1	0.4%
Marketing knowledge	1	0.4%
Marketing, Business Management	1	0.4%
Marketing, Dagaa drying	1	0.4%
N/A	1	0.4%
NA	2	0.8%
Na	4	1.6%
New technologies in fish drying	1	0.4%
No	3	1.2%
No training	17	6.9%
No training attended	4	1.6%
No training received	21	8.5%
No training she has received	1	0.4%
None	12	4.9%
Not applicable	2	0.8%
Not trained	2	0.8%
Not training	1	0.4%
Processing	2	0.8%



Processing and drying		1	0.4%
Processing and entrepreneurship		1	0.4%
Processing and value addition		1	0.4%
Processing technology, entrepreneurship		1	0.4%
Processing the technology and entrepreneurship		1	0.4%
Processing to add value and improve quality, entrepreneurship skills training		1	0.4%
Processing, Packaging, Marketing		1	0.4%
She has not received any training		4	1.6%
Value addition		2	0.8%
Value addition and Entrepreneurship skills		1	0.4%
Value addition, post harvest loss and Entrepreneurship skills		1	0.4%
dagaa drying on wire racks as in Kayenze ndogo		1	0.4%
dagaa handling, marketing		1	0.4%
drying		1	0.4%
fish handling		2	0.8%
fish processing, marketing		1	0.4%
fish storage		1	0.4%
na		1	0.4%

### X1\_10\_8\_DO\_YOU\_LEARN\_NEW\_IDE: 1.10.8 Do you learn new ideas from other women in other areas or regions?

Data file: data\_anon\_ind

#### Overview

Valid: 253 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		167	66%
Yes		86	34%

### X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_ : 1.10.9 What were these new ideas mainly to do with?

Data file: data\_anon\_ind

#### Overview

Valid: 86 Invalid: 0

Type: Discrete Width: 72 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fish handling		3	3.5%
Fish handling Fish processing Fish selling		10	11.6%
Fish handling Fish processing Fish selling Organisation		1	1.2%
Fish handling Fish processing Fish selling Other		1	1.2%
Fish handling Fish processing Fish selling Technology		1	1.2%
Fish handling Fish selling		1	1.2%
Fish processing		11	12.8%
Fish processing Fish handling		1	1.2%
Fish processing Fish handling Fish selling		7	8.1%
Fish processing Fish handling Fish selling Organisation		1	1.2%
Fish processing Fish selling		4	4.7%
Fish processing Fish selling Fish handling		7	8.1%
Fish processing Fish selling Organisation		1	1.2%
Fish selling		7	8.1%
Fish selling Fish handling		3	3.5%
Fish selling Fish handling Fish processing		1	1.2%
Fish selling Fish handling Organisation		2	2.3%
Fish selling Fish processing Fish handling		2	2.3%
Fish selling Fish processing Fish handling Organisation Technology		1	1.2%
Fish selling Fish processing Fish handling Technology		1	1.2%
Fish selling Other		1	1.2%
Fish selling Technology Fish handling Fish processing		1	1.2%
Organisation		1	1.2%
Organisation Fish handling Fish selling Other		1	1.2%
Organisation Fish processing Fish selling Fish handling		1	1.2%
Organisation Fish processing Fish selling Other		1	1.2%
Organisation Fish selling		1	1.2%
Other		3	3.5%
Other Fish processing Fish handling Fish selling		1	1.2%
Technology		1	1.2%
Technology Fish handling Fish processing Fish selling		1	1.2%
Technology Fish handling Organisation Fish processing Fish selling Other		1	1.2%
Technology Fish processing Fish handling		1	1.2%
Technology Organisation Fish handling Fish processing		1	1.2%
Technology Organisation Fish handling Fish processing Fish selling		3	3.5%

Technology Organisation Fish processing

1

1.2%

**X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_1: 1.10.9 What were these new ideas mainly to do with?/Technology****Data file:** data\_anon\_ind**Overview**

Valid: 86 Invalid: 196

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	73	84.9%
2	Yes	13	15.1%
Sysmiss		196	

**X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_2: 1.10.9 What were these new ideas mainly to do with?/Organisation****Data file:** data\_anon\_ind**Overview**

Valid: 86 Invalid: 196

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	69	80.2%
2	Yes	17	19.8%
Sysmiss		196	

**X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_3: 1.10.9 What were these new ideas mainly to do with?/Fish handling****Data file:** data\_anon\_ind**Overview**

Valid: 86 Invalid: 196

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	32	37.2%
2	Yes	54	62.8%
Sysmiss		196	

### X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_.4: 1.10.9 What were these new ideas mainly to do with?/Fish processing

Data file: data\_anon\_ind

#### Overview

Valid: 86 Invalid: 196

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	24	27.9%
2	Yes	62	72.1%
Sysmiss		196	

### X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_.5: 1.10.9 What were these new ideas mainly to do with?/Fish selling

Data file: data\_anon\_ind

#### Overview

Valid: 86 Invalid: 196

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	No	23	26.7%
2	Yes	63	73.3%
Sysmiss		196	

**X1\_10\_9\_WHAT\_WERE\_THESE\_NEW\_6: 1.10.9 What were these new ideas mainly to do with?/Other****Data file:** data\_anon\_ind**Overview**

Valid: 86 Invalid: 196

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No	77	89.5%
2	Yes	9	10.5%
Sysmiss		196	

**ID: \_id****Data file:** data\_anon\_ind**Overview**

Valid: 282 Invalid: 0 Minimum: 144150227 Maximum: 153955817 Mean: 149652304.191 Standard deviation: 3824122.403

Type: Continuous Decimal: 2 Width: 8 Range: 144150227 - 153955817 Format: Numeric

**X1\_1\_1\_COUNTRY: 1.1.1 Country****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Tanzania		11	100%

**X1\_1\_2\_REGION: Region****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 10 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Kagera		2	20%
Kigoma		2	20%
Lindi		4	40%
Mwanza		2	20%

**X1\_1\_3\_DISTRICT: District****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 10 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Ilemela		2	20%
Kigoma		2	20%

Kilwa		4	40%
Muleba		2	20%

### **MEN: 1.2.1 Number of attendees (count of women | count of men) / Men**

Data file: data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 2 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1		1	50%
3		1	50%

### **WOMEN: 1.2.1 Number of attendees (count of women | count of men) / Women**

Data file: data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
3		1	9.1%
5		2	18.2%
6		3	27.3%
7		3	27.3%
8		2	18.2%

### **X1\_3\_1\_WHICH\_FISH\_DO\_YOU\_REG: 1.3.1 Which fish do you regularly catch, process, sell?**

Data file: data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 58 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Dagaa, Mgebuka,		1	9.1%
Dagaa, Saladini, Changu, tasi, vibua, kolekole		1	9.1%
Dagaa, Sangara, Furu		1	9.1%
Kuka/sato/perege/poland, kambale, Ningu, dagaa mwiba, kuyu		1	9.1%
Mgebuka, Dagaa		1	9.1%
Sangara, Dagaa		2	18.2%
Sangara, Dagaa, Furu		1	9.1%
Sardine		1	9.1%
Sardines		1	9.1%
Sardnines		1	9.1%

### X1\_3\_2\_WHAT\_FISH\_DO\_YOU\_DEAL: 1.3.2 What fish do you deal with in your activities? [list the vernacular names of the fish]

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11

Type: Discrete Width: 107 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Dagaa , Sangara: beans		1	9.1%
Dagaa, Mgebuka		1	9.1%
Dagaa, Saladini , changu, tasi, kolekole, vibua , pweza, Koana, misusa, chuchunge(viroho), ngisi, kamba mti		1	9.1%
Dagaa, Sangara, Furu		1	9.1%
Dagaa, changu, tasi, jodari, vibua, sadini, pweza, ngisi, taa, kambamti		1	9.1%
Dagaa, changu, tasi, jodari, vibua, saladini, ngisi, pweza, taa, kamba mti.		1	9.1%
Dagaa, changu, tasi, jodari, vibua, saladini, pweza, ngisi, taa, kamba mti		1	9.1%
Mgebuka, Dagaa, Sangara, kuhe, kungura		1	9.1%
Perege, kambale		1	9.1%
Sangara, Dagaa		1	9.1%
Sangara, Dagaa, Furu		1	9.1%



### **CATCH: 1.3.3 Which activities do you participate mostly when we talk about fish? Count number of responses per category but only once per person) / Catch**

Data file: data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 2 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
2		2	100%

### **PROCESSING: 1.3.3 Which activities do you participate mostly when we talk about fish? Count number of responses per category but only once per person) / Processing**

Data file: data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1		1	9.1%
3		1	9.1%
4		2	18.2%
6		3	27.3%
7		3	27.3%
8		1	9.1%

### **MARKETING: 1.3.3 Which activities do you participate mostly when we talk about fish? Count number of responses per category but only once per person) / Marketing**

Data file: data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 10 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		1	10%
3		1	10%
6		4	40%
7		2	20%
8		2	20%

**X1\_3\_4\_WHICH\_ACTIVITIES\_DO\_Y: 1.3.4 Which activities do you participate mostly when we talk about fish? (How many in each category from the question 1.3.3)?**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 60 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fish processing and Marketing 5,5		1	9.1%
Marketing - 6		1	9.1%
Processing & marketing		1	9.1%
Processing 6, marketing 8		1	9.1%
Processing and Marketing, 8		1	9.1%
Processing and marketing		3	27.3%
Processing, all		1	9.1%
Processing/ Sun drying (3) smoking and Marketing - fresh (3)		1	9.1%
Processing/drying- 2, smoking-2, marketing -2		1	9.1%

**X1\_4\_1\_WHAT\_FOODS\_DO\_YOU\_REG: 1.4.1 What foods do you regularly eat? Do you regularly eat fish? (please ask the group say what regular means e.g. every day, every week or ??)**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 51 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fish Ugali/Wali		1	9.1%
Mgebuka, Dagaa, every day		1	9.1%
Ndizi, Ugali, wali: Dagaa, Sangara beans , mchicha		1	9.1%
Ndizi, Ugali, Samaki, Dagaa: every day		1	9.1%
Perege and kambale, every day		1	9.1%
Rice, Ugali, vegetables, fish, nyama		1	9.1%
Rice, ugali, vegetables, yes almost everyday		1	9.1%
Rice, ugali, fish, vegetable		1	9.1%
Rice, ugali,fish, vegetables, fish almost everyday		1	9.1%
Ugali, Wali: Dagaa, Furu, every day		1	9.1%
Ugali: Dagaa, Sangara, every day		1	9.1%

## X1\_4\_2\_WHAT\_TYPES\_OF\_FISH\_DO: 1.4.2 What types of fish do you eat? What parts of the fish do you eat?

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 80 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Changu, songolo, kolekole, task (whole fish)		1	9.1%
Dagaa, Sangara- Kichwa and Mkia		1	9.1%
Head, whole fish		1	9.1%
Mgebuka, Dagaa, whole fish		1	9.1%
Sangara, Head		1	9.1%
Sangara: majority prefer head		1	9.1%
Sangara: tail		1	9.1%
Tasi, jodari, changu, kolekole, pweza, kalambisi. Whole fish		1	9.1%
Tasi, jodari, kole kole,dagaa, pweza,changu, kalambisi, They eat the whole fish.		1	9.1%
Tasi, jodari, kolekole, changu, karambisi, pweza. Whole fish		1	9.1%
Whole fish		1	9.1%

### X1\_4\_3\_FROM\_WHERE\_DO\_YOU\_SOU: 1.4.3 From where do you source your fish? Is it from local small-scale fishermen? Commercial fisheries? Or perhaps is it imported?)

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 29 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Fish mongers, local fishermen		1	9.1%
Fishmonger, local fishermen		1	9.1%
From small scale fishermen		1	9.1%
Local Small fishermen		1	9.1%
Local fishermen		1	9.1%
Local fishermen, fish mongers		1	9.1%
Local small- scale fishers		1	9.1%
Local small-scale fishers		1	9.1%
Small scale fishermen		1	9.1%
Small scale fishers		1	9.1%
Small- sale fishermen		1	9.1%

### X1\_4\_4\_WHERE\_ARE\_THE\_FISH\_KE: 1.4.4 Where are the fish kept that you buy? (e.g. in a cold store, open at the place where the fish are caught? Or other place?)

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 84 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Auctions, on board, landing site markets		1	9.1%
From boats		1	9.1%
Home freezer's and renting freezer		1	9.1%
Ice Containers - ice from factory trucks; deep frying and smoking Dagaa- sun drying		1	9.1%

Ice containers, open on fishing boats		1	9.1%
Landing site, on board, mnadani		1	9.1%
Open at place where the fish are caught		1	9.1%
Open at the landing site		1	9.1%
Open at the place where fish are landed		1	9.1%
Open space, at landing site		1	9.1%
Sun drying, smoking		1	9.1%

### **X1\_4\_5\_WHAT\_ARE\_THE\_MAIN\_PRO: 1.4.5 What are the main problems with where you get your fish from? (e.g. access problems to the site, limited choices, distance to where you can select fresher fish?)**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11

Type: Discrete    Width: 255    Range: -    Format: character

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
Access due to low catches, low capital		1	9.1%
Access due to small capitale		1	9.1%
Access to the site, competition		1	9.1%
Capital: if you have sufficient capital you can access fish as much as you want. : Fish availability, Access to site depends on weather if too rough women can't access. Sometimes women pay particular men (msukule) to carry the fish for you. Distance is n		1	9.1%
Competition and limited capital		1	9.1%
High prices		1	9.1%
Price competition during fish purchase (capital), fish availability depends on the season, site accessibility during bad weather condition.		1	9.1%
Scarcity/availability during June and July, sometimes forced to go to other landing sites or fishing grounds		1	9.1%
Sometimes the problems are associated with fish in a availability which also cause rise in fish price		1	9.1%
Transport from Islands, availability		1	9.1%
with capital you can access fish , price competition and fish availability, access to site depends with weather bad weather complictcs the access until support(msukule)		1	9.1%

### **X1\_5\_1\_ROLE\_IN\_HOUSEHOLD\_DEC: 1.5.1 Role in household decision-making around fish-related and other activities**

**Data file:** data\_anon\_focus\_groups\_discussions

## Overview

Valid: 11

Type: Discrete Width: 143 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Activities done individually and therefore no joint decision except for joint activities where there is always joint decision		1	9.1%
Decisions are done individually if the business is done individually, but sometimes they collaborate wife and husband depending on the activity		1	9.1%
Decisions are done individually, bc businesses are done individually, however if businesses are joint decisions are also done collectively		1	9.1%
Equal opportunities in decision- making		1	9.1%
Full		1	9.1%
Full decision making		1	9.1%
Full decisions		1	9.1%
Individual business		1	9.1%
Jointly as family		1	9.1%
Processing/ sun drying and very dependent on men due to lack of capital		1	9.1%
Women have no decision		1	9.1%

**X1\_5\_1\_1\_DO\_YOU\_THINK\_THE\_RO: 1.5.1.1 Do you think the role of women in household decision-making is very strong?**

Data file: data\_anon\_focus\_groups\_discussions

## Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 37 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No, as they are economically inferior		1	9.1%
Not strong		1	9.1%
Relatively strong		1	9.1%
Very strong		6	54.5%
Yes		1	9.1%
Yes it's very strong		1	9.1%

### X1\_5\_2\_1\_WHO\_CONTROLS\_THE\_AS: 1.5.2.1 Who controls the assets that are important in small scale fishing? (Examples are items such as baskets, smoking units, other equipment)

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11

Type: Discrete Width: 120 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Hiring smoking units		1	9.1%
Self owned		1	9.1%
Self owned or few rented		1	9.1%
Self owned or rented		1	9.1%
Self owned, but limited due to limited capital		1	9.1%
Self/ family		1	9.1%
The one who own the asset		1	9.1%
The owner of the assets is the one incharge. If you work together and have contributed to the assets you equally control		1	9.1%
The owner of the assets is the one who take charge		1	9.1%
Themselves,		1	9.1%
Women are In charge of the assets since they are the one bought		1	9.1%

### X1\_5\_2\_2\_IS\_THERE\_A\_DIFFEREN: 1.5.2.2 Is there a difference between what men and women have access to or use in small scale fishing?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 64 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Boats and fishing gear for men, but theft of such is a problem		1	9.1%
Container and weighing scales are mostly owned by men		1	9.1%
Fishing equipment, nets, engines are more for men		1	9.1%

Men own fishing assets, women processing assets		1	9.1%
Men own fishing equipment, only two women own fishing equipment		1	9.1%
No difference		2	18.2%
There is no difference		1	9.1%
There is no different provided has the capital and meet criteria		1	9.1%
Women buy, process and market , men own fishing equipment		1	9.1%
Women own basins, men own buckets & boxes		1	9.1%

### **X1\_5\_3\_1\_HAVE\_YOU\_MET\_WITH\_A: 1.5.3.1 Have you met with a fisheries extension service officer in the past 12 months?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		1	9.1%
Yes		10	90.9%

### **X1\_5\_3\_2\_HOW\_MANY\_TIMES\_DID\_: 1.5.3.2 How many times did you meet with a fisheries extension service officer in the past 12 months? (enter number)**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 10 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0.0		1	10%
1.0		1	10%
36.0		2	20%
360.0		2	20%
85.0		1	10%
96.0		3	30%



### **X1\_5\_3\_3\_HAVE\_YOU\_RECEIVED\_A: 1.5.3.3 Have you received any training on fishing practices, fish processing and storage methods, fish trading and marketing, or food safety in the past 12 months?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		6	54.5%
Yes		5	45.5%

### **X1\_5\_3\_4\_ARE\_YOU\_ABLE\_TO\_PUT: 1.5.3.4 Are you able to put what you learn in trainings into practice?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		6	54.5%
Yes		5	45.5%

### **X1\_5\_3\_5\_ARE\_FISHERIES\_OFFIC: 1.5.3.5 Are fisheries officers and extension agents accessible to women?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 53 Range: - Format: character

#### **Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		3	27.3%
They only visit for enforcement to both men and women		1	9.1%
Yes		6	54.5%
Yes they are accessible		1	9.1%

### X1\_5\_3\_6\_ARE\_FISHERIES\_OFFIC: 1.5.3.6 Are fisheries officers or extension agents knowledgeable about gender issues and responsive to women's specific needs?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11

Type: Discrete Width: 112 Range: - Format: character

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
Enforcement patrols have forced some fishermen to run from their families and are not sensitive of gender issues		1	9.1%
No		6	54.5%
Somewhat		1	9.1%
Yes but with limited capacity		1	9.1%
Yes, but little capacity eg fish access		1	9.1%
Yes, little capacity		1	9.1%

### X1\_5\_3\_7\_ARE\_THERE\_ANY\_ISSUE: 1.5.3.7 Are there any issues related to women's access to extension or support services from fisheries officers not already discussed (add the general responses)?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11

Type: Discrete Width: 106 Range: - Format: character

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
Access to information		1	9.1%

Drying places are far and women are not informed of trainings due to distance from fishing/ landing site		1	9.1%
Harassment from enforcers		1	9.1%
No		1	9.1%
No other issue		1	9.1%
None		3	27.3%
They visit for fishing licenses and levies only		1	9.1%
Training in fisheries regulations		1	9.1%
Women empowerment , how to access finances		1	9.1%

### X1\_5\_3\_8\_WHAT\_PREVENTED\_YOU\_: 1.5.3.8 What prevented you from putting skills learned in training into practice?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11

Type: Discrete Width: 118 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Even if they were trained, lack of Infrastructure would prevent putting the skills into use.		1	9.1%
Financial capacity		1	9.1%
Infrastructure issues ie absence of cold room		1	9.1%
Infrastructure,		1	9.1%
Lack of alternative sources		1	9.1%
N/A		3	27.3%
No any training		1	9.1%
Not applicable		1	9.1%
Raised racks, lack space for construction/installation, they hire space from a nearby school; ,Furu dry faster on Sand		1	9.1%

### X1\_5\_3\_9\_WHAT\_WOULD\_BE\_NEEDED: 1.5.3.9 What would be needed to ensure that information learned in training could be put into practice?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 71 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
- ensuring training is given to the right people		1	9.1%
Ensure training is given to the Right people		1	9.1%
Fisheries Officers to ensure all are informed when a training is planed		1	9.1%
Government to identify areas for construction of racks		1	9.1%
Loans or finances		1	9.1%
N/A		2	18.2%
Provision of loans		1	9.1%
Provision of loans to be able to compete		1	9.1%
Right people attend the training, capital, infrastructure		1	9.1%
Training are not provided to the right group ( targeted group)		1	9.1%

### X1\_5\_3\_10\_ANY\_OTHER\_GENERAL\_: 1.5.3.10 Any other general discussion on the access of women to training (add the general responses)?

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11

Type: Discrete Width: 176 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Business skills		1	9.1%
Extension officers to spend time at sites to educate them on enforcement as enforcers are policemen who do not use regulations but only fines		1	9.1%
Improved infrastructure and market access		1	9.1%
Information doesn't reach most of the women		1	9.1%
N/A		1	9.1%
Need for organized groups and training phases		1	9.1%
Some Trading in business skills require payment which majority cannot afford		1	9.1%
Training should be provided to the right group; to have registered groups of women participating in fisheries activities to help all targeted groups to participate in training.		1	9.1%
Trainings should go to the right persons, women doing similar activities to organize into groups, improve database of women groups,		1	9.1%
Women should be organized into formal groups, identified by Extension services officers		1	9.1%

Women should be organized into groups for easy access to training, extension services should be aware		1	9.1%
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**X1\_5\_4\_1\_HOW\_MANY\_OF\_YOU\_FEE: 1.5.4.1 How many of you feel comfortable speaking at fisheries governance meetings (e.g. BVCs or BMUs) to help decide on projects and issues affecting any element of to do with fish? (add total in each category)**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1.0		1	9.1%
3.0		2	18.2%
4.0		3	27.3%
6.0		1	9.1%
7.0		3	27.3%
8.0		1	9.1%

**X1\_5\_4\_2\_HOW\_MANY\_OF\_YOU\_FEE: 1.5.4.2 How many of you feel comfortable speaking in public spaces on projects and issues affecting any element to do with fish?**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
3.0		2	18.2%
4.0		7	63.6%
6.0		1	9.1%
8.0		1	9.1%

**X1\_5\_4\_3\_WOMEN\_MAKEUP\_WHAT\_P: 1.5.4.3 Women makeup what proportion of the leadership in fisheries governance bodies (e.g. BVCs or BMUs)?****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 10 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0% to 10%		1	9.1%
21% to 30%		10	90.9%

**X1\_5\_4\_4\_ARE\_WOMEN\_IN\_LEADER: 1.5.4.4 Are women in leadership roles treated with equal respect as men in fisheries governance bodies (e.g. BVCs or BMUs)? (count each response for Yes or No)****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
No		4	36.4%
Yes		7	63.6%

**X1\_5\_4\_5\_WHEN\_AND\_WHERE\_DID\_: 1.5.4.5 When and where did any of you speak in public events (add the general responses)?****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 57 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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BMU Meetings		1	9.1%
BMU meeting		1	9.1%
BMUs and Local Government once by one lady		1	9.1%
Bmu meetings		1	9.1%
Community meeting s		1	9.1%
Community meetings, BMU Assembly, Women groups meeting		1	9.1%
Dry rooms/stores and toilet facilities - last year		1	9.1%
Last year, Minister's meeting at site		1	9.1%
Local Government meetings		1	9.1%
One person: Village meeting on security issues: last week		1	9.1%
Village meeting, water supply		1	9.1%

**X1\_5\_4\_6\_IS\_YOUR\_VOICE\_HEARD: 1.5.4.6 Is your voice heard when speaking up in public fisheries governance bodies and has speaking up led to any changes (have your needs been addressed)?**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 58 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Not that involved in meetings and therefore no changes		1	9.1%
Not yet		1	9.1%
Women issues not represented except through TAWFA		1	9.1%
Yes		5	45.5%
Yes but slow implementation		1	9.1%
Yes but the implementation sometimes is not very effective		1	9.1%
Yes, the issue was followed and resolved		1	9.1%

**X1\_5\_4\_7\_ARE\_THERE\_ANY\_OTHER: 1.5.4.7 Are there any other issues related to your ability to influence fisheries governance bodies?**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 59 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Empowerment and access to finances, alternative livelihoods		1	9.1%
Improve participation, desperate meetings of women		1	9.1%
Nil		2	18.2%
No		2	18.2%
No official forum		1	9.1%
None		1	9.1%
Not well involved at different levels/ forum		1	9.1%
To be empowered economically		1	9.1%
We acknowledge to the right to air out views		1	9.1%

### X1\_5\_5\_1\_DO\_WOMEN\_FACE\_ANY\_G: 1.5.5.1 Do women face any gender-based discrimination or hardships in their work in the fishing sector?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		2	18.2%
Yes		9	81.8%

### X1\_5\_5\_2\_DESCRIBE\_ANY\_FORMS\_: 1.5.5.2 Describe any forms of discrimination or hardships women experience in the fishing sector.

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11

Type: Discrete Width: 202 Range: - Format: character

## Questions and instructions

### CATEGORIES



Value	Category	Cases	
Access to fish and markets due to low capital		1	9.1%
Access to fish especially for women with little capital, women potters struggle to be chance to carry fish		1	9.1%
Among potters women are pushed and also sometimes those who are not ready to enter into relationship they are denied the right to buy fish		1	9.1%
Fish access discrimination for those with low capital, women potters they struggle to get chances of carrying fish		1	9.1%
Lack of capital		1	9.1%
Not allowed by some fishers to get to their boats to buy fish		1	9.1%
Not heard or allowed to speak		1	9.1%
Policemen harassment due to undersize fish.		1	9.1%
Theft of processed products		1	9.1%
Women are left to handle all family duties, women are sometimes bitten when they delay in fish- related business, want to have some Control of the earnings, some separate as do not support from husbands		1	9.1%
access to fish kind discrimination for who with little capital and women potters		1	9.1%

### X1\_5\_5\_3\_DO\_WOMEN\_FACE\_ANY\_G: 1.5.5.3 Do women face any gender-based violence when working in the fishing sector?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		5	45.5%
Yes		6	54.5%

### X1\_5\_5\_4\_ARE\_THERE\_ANY\_SYSTE: 1.5.5.4 Are there any systematic efforts to address these issues [any described above] by local, district or central government?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		9	81.8%
Yes		2	18.2%

**X1\_5\_5\_5\_ARE\_THERE\_ANY\_SYSTE: 1.5.5.5 Are there any systematic efforts to address these issues [any described above] by non-state actors?**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		11	100%

**X1\_5\_5\_6\_DESCRIBE\_ANY\_SYSTEM: 1.5.5.6 Describe any systematic efforts to address these issues [any described above].**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 81 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Gender desk at different local government levels		1	9.1%
Local Government give loans to organized groups of not less 10 women		1	9.1%
N/A		1	9.1%
Nil		2	18.2%
No		3	27.3%
Not applicable		1	9.1%
Through village administration		1	9.1%

To be discussed at different levels and should be reported to fisheries authority		1	9.1%
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### **X1\_5\_5\_7\_HAVE\_GENDER\_RELATIO: 1.5.5.7 Have gender relations (roles, norms, and expectations for men and women)changed in ways that affect the fishing sector?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
No		1	9.1%
Yes		10	90.9%

### **X1\_5\_5\_7\_DESCRIBE\_ANY\_CHANGE: 1.5.5.7 Describe any changes that have occurred in gender relations and how they impact women's work in the fishing sector.**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 79 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
Affect's positively and women are more powerful now than before		1	9.1%
Has liberated women and exposed them to compete equally		1	9.1%
In a positive way, more women are involved and benefit from fisheries resources		1	9.1%
More women involved in fishing activities		1	9.1%
Positively women are more powerful		1	9.1%
The family roles affect capitals		1	9.1%
Women are more active/involved		1	9.1%
Women are more powerful postively		1	9.1%
Women are more recognized and respected		1	9.1%
Women have less capital to compete equally with men		1	9.1%
Women involvement in fishing a to ities, positively affected women work		1	9.1%

### X1\_6\_1\_DID\_YOU\_SELL\_ANY\_FISH: 1.6.1 Did you sell any fish for a lower price than usual? Can you describe what these price differences might be? Do prices rise and fall quite often?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11

Type: Discrete Width: 117 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
High catches, no markets, Yes prices fluctuate very often		1	9.1%
Yes		4	36.4%
Yes during rain season, 10000		1	9.1%
Yes, depending on markets and weather		1	9.1%
Yes, due to availability and market demand		1	9.1%
Yes, during rainy season		2	18.2%
Yes. During rain season. Normal price of a bucket of silver fish ranges 30-50 thousand Fluctuations during rainfall		1	9.1%

### X1\_6\_2\_ON\_AVERAGE\_WHAT\_WAS\_T: 1.6.2 On average what was the low price you received for your fish? Why was this?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 76 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1/2		1	9.1%
1/2 price - high catches,		1	9.1%
1/2 price, due to high catches and poor quality		1	9.1%
10,000 because of rainfall		1	9.1%
10,000 from 40,000 due to changes of weather condition i.e during rainfall.		1	9.1%
1000 per kg		1	9.1%
10000 from 40000 rainfall		1	9.1%

40000 because of rainfall		1	9.1%
50% less		1	9.1%
Half price		1	9.1%
Half price depend on sizes , and quality of the products		1	9.1%

### X1\_6\_3\_HOW\_MUCH\_FISH\_DID\_YOU: 1.6.3 How much fish did you sell for a reduced price? Could you sell more?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 10

Type: Discrete Width: 105 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
70 percent		1	10%
All		2	20%
All the fish		1	10%
All you process		1	10%
All, more is bought		1	10%
All, sell more		1	10%
It depends on the amount of fish you buy eg 30 buckets can be reduced to 10 buckets due to spoilage. 67%		1	10%
Loose all		1	10%
Seasonal and can be all fish		1	10%

### X1\_6\_4\_HOW\_MUCH\_FISH\_DID\_YOU: 1.6.4 How much fish did you lose (waste)?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 47 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
20 buckets out of 30		1	9.1%
30 buckets to 10 buckets of in intended product		1	9.1%

30 to 10 bucket		1	9.1%
60%		1	9.1%
70 percentage		1	9.1%
All		3	27.3%
All during rain season		1	9.1%
During rain seasons - all		1	9.1%
Half		1	9.1%

## X1\_6\_5\_WHY\_DID\_YOU\_LOSE\_THRO: 1.6.5 Why did you lose/throw away fish?

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 41 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Due to rainfall		1	9.1%
Lack of markets and means of preservation		1	9.1%
Rainfall		2	18.2%
Rains		2	18.2%
Rains cause low quality		1	9.1%
Rains spoil fish		1	9.1%
Rains, markets		1	9.1%
Spoilage		1	9.1%
Spoilage due to rains and lack of ice		1	9.1%

## X1\_6\_6\_PLEASE\_DESCRIBE\_THE\_F: 1.6.6 Please describe the facility where you bought your fish? Did it have a landing site or other structure?

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 56 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Boat/Landing site		1	9.1%
Directly from Boat, or at landing site		1	9.1%
From the fishing boat to the drying space on ground/sand		1	9.1%
Landing site, direct from fishing boat		1	9.1%
No		3	27.3%
No structures		1	9.1%
None		2	18.2%
Open landing site		1	9.1%

### X1\_6\_7\_IS\_THE\_PLACE\_YOU\_BOUG: 1.6.7 Is the place you bought your fish different to the place where you prepare and also sell fish?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 11 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
No		2	18.2%
Not too far		1	9.1%
Same		1	9.1%
Yes		7	63.6%

### X1\_6\_8\_IF\_YOU\_PROCESS\_AND\_SE: 1.6.8 If you process and sell in a different place how do you transport the fish from one place to another?

Data file: data\_anon\_focus\_groups\_discussions

#### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 62 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
N/A		2	18.2%

On foot in basins		1	9.1%
On head on foot		1	9.1%
On head, walking		1	9.1%
Paid potters		1	9.1%
People ferrying on foot carrying in basins		1	9.1%
Potters, public transport such as buses, lorries, semitrallers		1	9.1%
They use potters,bus, lorry		1	9.1%
Use Potter's, bus, semi trailers, lorries		1	9.1%
Use transporters on their heads		1	9.1%

## HOW\_MUCH\_OF\_THIS\_DO\_YOU\_TRY\_ : How much of this do you try to sell fresh?

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
All		4	36.4%
Most		2	18.2%
None		4	36.4%
Same		1	9.1%

## HOW\_MUCH\_OF\_THIS\_DO\_YOU\_TRY\_1: How much of this do you try to process and sell?

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 10 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
All		5	50%
Most		3	30%
Same		2	20%



**HOW\_MUCH\_DO\_YOU\_TAKE\_HOME\_FO: How much do you take home for home consumption?****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Same		11	100%

**X1\_6\_10\_IF\_YOU\_PROCESS\_YOUR\_: 1.6.10 If you process your fish for sale in a different place to where you sell what are the facilities like there?****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 10 Invalid: 0

Type: Discrete Width: 53 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Bad		2	20%
Dry Room with tables		1	10%
Fair		1	10%
Handling and marketing facilities		1	10%
Ice containers and refrigerated trucks		1	10%
N/A		2	20%
Water and drying papers and deep frying equipment		1	10%
Weighing scale, ice containers and fridgereted trucks		1	10%

**X1\_6\_11\_AT\_THE\_PLACES\_WHERE\_: 1.6.11 At the places where you sell what facilities do have access to?****Data file:** data\_anon\_focus\_groups\_discussions**Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 24 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Banda, market		1	9.1%
Market building		1	9.1%
None		1	9.1%
Tables		3	27.3%
Undeveloped Bandas		1	9.1%
Undeveloped bandas		2	18.2%
Weighing scale		1	9.1%
Well constructed marketr		1	9.1%

**X1\_7\_1\_HOW\_MANY\_OF\_YOU\_ARE\_M: 1.7.1 How many of you are members of local fisheries organizations? (enumerator counts and then ticks the number)**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 10 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.0		1	10%
1.0		3	30%
2.0		1	10%
3.0		1	10%
6.0		2	20%
8.0		2	20%

**X1\_7\_2\_ARE\_ORGANISED\_GROUPS\_: 1.7.2 Are organised groups especially important or advantageous for women in the fishing sector? (Majority for "Yes" or "No")**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		1	9.1%
Yes		10	90.9%

**X1\_7\_3\_IF\_YES\_WAS\_SELECTED\_A: 1.7.3 If yes was selected above: Why is it especially important for women to be organized into groups in the fishing sector?**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 10 Invalid: 0

Type: Discrete Width: 40 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Facilitate savings, provision of loans		1	10%
For access of training and other support		1	10%
Joint training and women emperement		1	10%
Joint training and women empowerment		1	10%
Joint training and women empowerment		1	10%
Savings and credit facilitation		1	10%
Ssvings and credits		1	10%
To access loans and facilitate savings		1	10%
To savings and credit		1	10%
VIKOBBA facilitate savings		1	10%

**X1\_7\_4\_WHAT\_INTERNAL\_FACTORS: 1.7.4 What internal factors (i.e. within the group) are critical to the success of women's organizations in the fishing sector?**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 73 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Capital and training		3	27.3%
Goals to be considered, participation		1	9.1%
Loans		1	9.1%
Provision of seed money for soft loans		1	9.1%
Savings		1	9.1%
Seed money for soft loans		1	9.1%
The group to have seed money for lending		1	9.1%
To own fishing assets and to access markets, have alternative livelihoods		1	9.1%
Training , trustworthy		1	9.1%

### **X1\_7\_5\_WHAT\_EXTERNAL\_FACTORS: 1.7.5 What external factors (i.e. the environment that the group operates in) are critical to the success of women's organizations in the fishing sector?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 50 Range: - Format: character

#### **Questions and instructions**

#### **CATEGORIES**

Value	Category	Cases	
Leaders to provide guidance and feed back		1	9.1%
Loans		1	9.1%
Policies and infrastructures		4	36.4%
Provision of finances		1	9.1%
Support from village executives		1	9.1%
Training and provision of loans		1	9.1%
Training and support to manage the groupse		1	9.1%
Training on financial management, entrepreneurship		1	9.1%

### **X1\_8\_1\_DO\_YOU\_THINK\_TRAINING: 1.8.1 Do you think training from projects has been useful (for those of you whom have received such training in this and other projects)?**

**Data file:** data\_anon\_focus\_groups\_discussions

#### **Overview**

Valid: 11 Invalid: 0

Type: Discrete Width: 65 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Business skills		1	9.1%
N/A		1	9.1%
N/A but Swis-Aid in 1995 provided grants to buy boats and engines		1	9.1%
NA		3	27.3%
No trainings		1	9.1%
None		1	9.1%
Yes		3	27.3%

**X1\_8\_2\_WHAT\_IN\_PARTICULAR\_DI: 1.8.2 What in particular did you find most useful from the training? What do you learn?**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 22 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Business skills		1	9.1%
Entrepreneur		1	9.1%
Entrepreneur ship		1	9.1%
N/A		2	18.2%
NA		3	27.3%
None		1	9.1%
Not trained		1	9.1%
Started fish Marketing		1	9.1%

**X1\_8\_3\_ARE\_THERE\_ANY\_TRAININ: 1.8.3 Are there any training styles you particularly liked? (styles can vary such as role play, demonstrations or class room based teaching)**

Data file: data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 48 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Demonstration		1	9.1%
Demonstrations, exchange programs		1	9.1%
Entrepreneurship, practicals		1	9.1%
Exchange programs, book keeping and nutrition		1	9.1%
NA		3	27.3%
Not applicable		1	9.1%
Practical training, technology		1	9.1%
Seminars and practical training		1	9.1%
Seminars on entrepreneurship and business skills		1	9.1%

**ID:**

**Data file:** data\_anon\_focus\_groups\_discussions

### Overview

Valid: 11 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
143925087		1	9.1%
144162236		1	9.1%
144303545		1	9.1%
145980860		1	9.1%
152293356		1	9.1%
152293365		1	9.1%
152899155		1	9.1%
152899234		1	9.1%
153373471		1	9.1%
153904970		1	9.1%
153904996		1	9.1%

**X1\_1\_1\_COUNTRY: 1.1.1 Country****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Tanzania		18	100%

**X1\_1\_2\_REGION: Region****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 11 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Kagera		5	27.8%
Kigoma		2	11.1%
Kilimanjaro		4	22.2%
Lindi		3	16.7%
Mwanza		2	11.1%
Tanga		2	11.1%

**X1\_1\_3\_DISTRICT: District****Data file:** data\_anon\_kii**Overview**

Valid: 16 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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Kigoma		2	12.5%
Kilwa		3	18.8%
Muleba		5	31.3%
Mwanga		4	25%
Pangani		2	12.5%

### X1\_2\_1\_WHICH\_TYPE\_OF\_INSTITU: 1.2.1 Which type of institution do you work for?

Data file: data\_anon\_kii

#### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 19 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Local Government		17	94.4%
National Government		1	5.6%

### X1\_2\_3\_ARE\_YOU\_FAMILIAR\_WITH: 1.2.3. Are you familiar with the Voluntary Guidelines for Securing Sustainable SSF developed by the FAO? Yes/NO. If yes could you say how the SSF Guidelines are used in your work.

Data file: data\_anon\_kii

#### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 68 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
No		12	66.7%
Yes		2	11.1%
Yes, but not used		1	5.6%
Yes, on involment of fishers in decision making		1	5.6%
Yes, sustainable and responsible fishing for future generation		1	5.6%
Yes, to guide SSF to use the right gear for sustainable resource use		1	5.6%



## **X1\_2\_4\_CAN\_YOU\_PLEASE\_TELL\_M: 1.2.4 Can you please tell me what the current policies there are in relation to women in SSF that you implement? \***

Data file: data\_anon\_kii

### **Overview**

Valid: 18

Type: Discrete Width: 187 Range: - Format: character

### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
Awareness to join groups to enable them to access loans for their business To guide them to get registered and licenses for their business		1	5.6%
Buying legal sizes of fish, landing fish and buying at designated landing and market sites		1	5.6%
Equal opportunities, Right to resources, legal sizes of fish, and environmental protection		1	5.6%
Fishing grounds for shrimps/duvi - safe grounds without muddy bottoms		1	5.6%
Getting a license for fish trade and permit for fish movement		1	5.6%
Legal sizes to be captured and processed for sustainable resource use, Prohibit washing near shore to minimize water pollution, environment al management		1	5.6%
Legal sizes, licenses and playing revenues		1	5.6%
None		1	5.6%
Not to process under sized fish		1	5.6%
Not to process undersize fish, to own a business license		1	5.6%
Processing legal sizes of fish and getting fish traders license/permits		1	5.6%
Sustainable fishing practices: prohibit catching and Procesing of under sized fishes, sanitation and hygiene: to ensure processing sites are clean, to enforce drying fish on raised racks,		1	5.6%
They need licenses to be involved in fish trade and permits for transportation/movement of fish and fisheries products		1	5.6%
To have license for fish collection, and for small scale business, to buy legal sizes of fish, proper handling procedures		1	5.6%
To join BMUs, Collection licenses, Movement permits, Levies as Local Government by-laws		1	5.6%
To process legal sizes of fish ( 3- 4 inches) Not to dry directly on sand		1	5.6%
Use of legal gear and responsible fishing practices		1	5.6%
Women traders to have a license and have to get a permit		1	5.6%

## **X1\_3\_1\_CAN\_YOU\_PLEASE\_TELL\_M: 1.3.1 Can you please tell me what you know about the diet of the people in your area? (Common foods consumed in the community)**

Data file: data\_anon\_kii

### **Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 93 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fish, beans, ugali		1	5.6%
Ndizi, Ugali, Wali, sweet potato, cassava: samaki, dagaa		1	5.6%
Ndizi, Ugali: Fish, beans, mchicha		1	5.6%
Ndizi, beans, Dagaa, Sangara, vegetables and fruits		1	5.6%
Ugali & fish		1	5.6%
Ugali & fish, kishumba, wali, banana, fish and meat		1	5.6%
Ugali and fish		1	5.6%
Ugali and fish, vegetables, wali na ndizi		1	5.6%
Ugali wali samaki and vegetables/okra		1	5.6%
Ugali, Cassava, Ndizi: Sato , Sangara, Dagaa		1	5.6%
Ugali, Fish/dagaa, beans		1	5.6%
Ugali, Wali, Cassava, Dagaa, Sangara, Furu		1	5.6%
Ugali, wali, Sangara, Dagaa		1	5.6%
Ugali, wali, ndizi, fish		1	5.6%
Wali , samaki		1	5.6%
Wali, Ugali ,mhogo, via,l mbatats, ndizi, mchicha, mchungu, kisamvu, samaki,. nyama, maharage		1	5.6%
Wali, Ugali and fish, vegetables and rarely beef		1	5.6%
Wali, Ugali na samaki & vegetables		1	5.6%

**X1\_3\_2\_DO\_YOU\_FEEL\_THAT\_FISH: 1.3.2 Do you feel that fish is easily available for the people in this area? Are there some fish that are more available than others?**

**Data file:** data\_anon\_kii

### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 94 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Availability is seasonal, May to August fish is scarce. Dagaa and Mugebuka are more available		1	5.6%
Easily available		1	5.6%
Easily available, Dagaa, Sangara, Furu		1	5.6%
Easily available, dagaa & Mugebuka		1	5.6%

Easily, Sangara, Sato, Dagaa		1	5.6%
Easily available		1	5.6%
Easily available and mostly dagaa, kolekole , tasi, changu are preferred		1	5.6%
Easily available but seasonally fluctuate		1	5.6%
Easily available, Kolekole		1	5.6%
Easily available, yes, msusa kibua , changu, mburu, dagaa mchele		1	5.6%
Easily available and affordable		1	5.6%
No, Yes - Dagaa		1	5.6%
Not easily available		1	5.6%
Not easily available		1	5.6%
Yes		1	5.6%
Yes, Dagaa, Ssangara		1	5.6%
Yes, mostly Dagaa		1	5.6%
not easily available, Dagaa are more available		1	5.6%

### **X1\_3\_3\_OF\_THE\_FISH\_THAT\_IS\_A: 1.3.3 Of the fish that is available, where is it sourced from? (Local small-scale fishers, commercial fisheries, imported)?**

**Data file:** data\_anon\_kii

#### **Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 73 Range: - Format: character

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
At auction place		1	5.6%
Local SS- fishers		1	5.6%
Local SS- fishers, small quantities from trades of dagaa from L. Victoria		1	5.6%
Local Small scale fishers		1	5.6%
Local Small scale fishers but majority fishing in the Islands around		1	5.6%
Local small- scale fishers		2	11.1%
Local small-scale fishers		8	44.4%
Local, Small scale fishers		1	5.6%
Locally		1	5.6%
Locally small-scale		1	5.6%

### X1\_4\_1\_1\_CAN\_YOU\_TELL\_ME\_ABO: 1.4.1.1 Can you tell me about the role of women in decision-making in small scale fisheries?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 102 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Do not make decision and majority are left with families as husband's moved to other water bodies		1	5.6%
Fishing is controlled by men and therefore women rely on men to get fish for processing		1	5.6%
Have limited decisions as have very small capitals, they're economically inferior		1	5.6%
Limited decision-making as they are economically inferior, lack capital		1	5.6%
Main processors and even trading to other markets are women, very strong in making decisions		1	5.6%
Most are not confident and thus do not make decisions		1	5.6%
Need to be empowered in knowledge and information otherwise they have limited say in decision making		1	5.6%
They act as potters and processors/marketing		1	5.6%
They are dependent on men/spouses as they lack capital to invest on their own		1	5.6%
They are free and independent as they are not involved in any illegal practices		1	5.6%
They are involved in all local meetings		1	5.6%
They are involved in local meetings		1	5.6%
They dominate the processing and marketing		1	5.6%
They make all decisions		1	5.6%
They manage their business on their own without men interference		1	5.6%
Women are involved in cleaning, processing and few in marketing		1	5.6%
Women are mostly involved fishing for shrimps and process ing dagaa and have voice and make decisions		1	5.6%
Women are the main buyers of the catch		1	5.6%

### X1\_4\_2\_1\_CAN\_YOU\_TELL\_ME\_SOM: 1.4.2.1 Can you tell me something from your experience about small scale fisheries women access to productive assets?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 133 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Few women have access but majority lack finances to invest in productive assets		1	5.6%
Few women own productive assets		1	5.6%
Have limited capital and activities are seasonal		1	5.6%
Lack access due to limited capital. Men own boats and nets and decide whom to sell fish		1	5.6%
Lack capital and thus very few own such assets		1	5.6%
Lack fishing equipment as it require big capital		1	5.6%
Limited capital and ilow income they cannot afford to buy productive assets		1	5.6%
Majority are very poor and cannot afford		1	5.6%
Men own productive assets but women control the business after catching		1	5.6%
Most of them own their own assets and capital is about 1.5 M TZS. They usual get financial support from women groups of savings		1	5.6%
Some own the assets		1	5.6%
Some women own the assets and recruit men to fish for them		1	5.6%
They are in groups and save to buy assets		1	5.6%
They own assets and it qualifies them to get loans from associations		1	5.6%
They own most of the assets		1	5.6%
They own their equipment for processing but not to quality/ standards		1	5.6%
Very few have productive assets and can also lend money to small-scale fishers/ pay for fish in advance to enable them go out to fish		1	5.6%
Women lack productive assets due to lack of capital		1	5.6%

### X1\_4\_2\_2\_ARE\_THERE\_SOME\_ASSE: 1.4.2.2 Are there some assets that women or men have more access to than others?

Data file: data\_anon\_kii

### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 100 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Fishi g boats and nets, fishing baskets		1	5.6%
Fishing assets are dominantly controlled by men		1	5.6%
Fishing boat and nets are dominated by men		1	5.6%
Fishing boats and fishing gear are more for men		1	5.6%

Fishing boats, fishing nets, Dagaa seine nets and engines are dominantly owned by men	1	5.6%
Fishing equipment are men dominated	1	5.6%
Fishing equipment are more for men, women own Processing assets	1	5.6%
Fishing equipment more for men	1	5.6%
Fishing equipment more owned by men	1	5.6%
Men are more involved in fishing and own such assets while women concentrate on processing	1	5.6%
Men have capital to aquire boats and fishing gear but not women	1	5.6%
Men have more opportunities and big capital	1	5.6%
Men own fishing equipment	1	5.6%
Men own fishing equipment and women processing assets	1	5.6%
Processing assets are more owned by women	1	5.6%
Women fishing gear (mosquito nets) for shrimp/divi or shimba are not used or owned by men	1	5.6%
Women majority are business women, own houses and assets for processing fish Men own boats and nets	1	5.6%
Yes, fishing boat and gear for men	1	5.6%

### X1\_4\_3\_1\_WHAT\_EXTENSION\_SERV: 1.4.3.1 What extension services are provided for small scale fisheries actors (in fishing and secondary activities) that you know about?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 192 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Business skills		1	5.6%
Ensuring proper hygiene to improve quality of fish products, use of racks		1	5.6%
Fisheries Officers provide information on fishing rules and regulations		1	5.6%
Fisheries Officers, to fish sustainably - Sangara should be from 50 cm TL Protection of fish breeding sites		1	5.6%
Fisheries extension officers provide training on sustainable resources use and use of legal gear		1	5.6%
Fisheries officers on legal fishing gear and sustainable fishing practices		1	5.6%
Handing and processing seminars from fisheries officers		1	5.6%
Health officers on hygiene and sanitation issues		1	5.6%
Legal fishing practices: not to catch undersized fish		1	5.6%
Legal fishing, use of right and safe gear/ boats, and on savings		1	5.6%

No		2	11.1%
None		1	5.6%
Responsible and sustainable fishing practices, Fish handling and Processing and packaging		1	5.6%
Seaweed farming and entrepreneurship from SWIOFISH		1	5.6%
Seminars from fisheries officers on legal fishing gear and proper fish handling procedures e.g construction of drying racks , which has greatly add value and improved prices for dagaa products		1	5.6%
Sustainable fishing		1	5.6%
Women to organize themselves to cooperatives or groups to access loans Entrepreneurship		1	5.6%

### X1\_4\_3\_2\_HOW\_MUCH\_OF\_THIS\_IS: 1.4.3.2 How much of this is targeted for women?

Data file: data\_anon\_kii

#### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 97 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Both men and women		1	5.6%
Both, men and women		1	5.6%
Business skills		1	5.6%
Equally targeted		1	5.6%
Men, women and youths are all given equal opportunities		1	5.6%
Mostly address fish processors who happen to be women to guarantee safety of the products		1	5.6%
Mostly for men		1	5.6%
Mostly target women as they are more in need of funding and are more active along the value chain		1	5.6%
No		4	22.2%
None		4	22.2%
Processing target women		1	5.6%
Targeted both		1	5.6%

### X1\_4\_3\_3\_DO\_YOU\_KNOW\_WHAT\_TR: 1.4.3.3 Do you know what training has been provided for women SSF, if any?

Data file: data\_anon\_kii

#### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 68 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Drying of dagaaas majority involved are women		1	5.6%
Entrepreneurship, and cooperatives		1	5.6%
Handling and Processing		1	5.6%
Handling and Processing Dagaa		1	5.6%
Mobilized to groups for access of finances; Fish processing/drying,		1	5.6%
No		5	27.8%
None		7	38.9%
Training was given but I was not around by then		1	5.6%

**X1\_4\_4\_1\_HAVE\_YOU\_EVER\_INVIT: 1.4.4.1 Have you ever invited SSF women to speak or discuss issues that affect their livelihoods in public events or if not then have you participated in such events where SSF women are asked to speak?**

Data file: data\_anon\_kii

**Overview**

Valid: 18

Type: Discrete Width: 146 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
N/A		1	5.6%
No		2	11.1%
No, not specifically targeting SSF women and their issues		1	5.6%
No, ward development meetings have pre- identified members and the SSF Women are represented by the Fisheries Officer		1	5.6%
Not represented, do not apply		1	5.6%
They are invited and talk mostly of the need for improved technology - to have drying machines- could be given as loans to be paid in installments		1	5.6%
They have prepared a work plan to involve them		1	5.6%
Yes		1	5.6%
Yes and we have women members		1	5.6%
Yes, and requested for access to finances and better markets		1	5.6%
Yes, good speakers		1	5.6%



Yes, invited as women associations in processing and main concern is access to finances/loans		1	5.6%
Yes, mostly influence to get soft loans		1	5.6%
Yes, they invited and are active		1	5.6%
Yes, they speak		1	5.6%
Yes, they speak about provision of soft loans		1	5.6%
Yes, they speak, mostly about loses during rains,		1	5.6%

### X1\_5\_5\_1\_WOMEN\_SHOULD\_NOT\_GE: 1.5.5.1 Women should not get involved in fishing full time, this is a man's responsibility

Data file: data\_anon\_kii

#### Overview

Valid: 17 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Agree		5	29.4%
Disagree		10	58.8%
Partially Agree		2	11.8%

### X1\_5\_5\_2\_WOMEN\_SHOULD\_NOT\_OW: 1.5.5.2 Women should not own canoes, fishing nets, and other means to fish

Data file: data\_anon\_kii

#### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Agree		1	5.6%
Disagree		17	94.4%

**X1\_5\_5\_3\_WOMEN\_SHOULD\_PRIMAR: 1.5.5.3 Women should primarily be the ones who clean and process fish****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Agree		1	5.6%
Disagree		17	94.4%

**X1\_5\_5\_6\_WOMEN\_SHOULD\_PRIMAR: 1.5.5.6 Women should primarily be the ones who trade or market fish, not men****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Agree		1	5.6%
Disagree		17	94.4%

**X1\_5\_5\_7\_MEN\_SHOULD\_PRIMARIL: 1.5.5.7 Men should primarily be the ones who transport fish to a market for sale****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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Disagree		18	100%
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**X1\_5\_5\_8\_MEN\_SHOULD\_PRIMARIL: 1.5.5.8 Men should primarily be the ones who control the earnings/income obtained from the sale of fish**

Data file: data\_anon\_kii

### Overview

Valid: 17 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Disagree		17	100%

**X1\_5\_5\_9\_WOMEN\_SHOULD\_PRIMAR: 1.5.5.9 Women should primarily be the ones who prepare meals (including fish) for the family**

Data file: data\_anon\_kii

### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Agree		1	5.6%
Disagree		17	94.4%

**X1\_5\_5\_10\_MEN\_SHOULD\_MOSTLY\_: 1.5.5.10 Men should mostly be the ones who belong to fisheries clubs, organizations, or associations, not women**

Data file: data\_anon\_kii

### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

### Questions and instructions

## CATEGORIES

Value	Category	Cases	
Disagree		18	100%

### X1\_5\_5\_11\_DESCRIBE\_ANY\_FORMS: 1.5.5.11 Describe any forms of discrimination or hardships women experience in the fishing sector.

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 169 Range: - Format: character

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
It is very minimal as women are the majority running families, they have some level of economic power		1	5.6%
Lack of capital make them unable to compete equally During rain seasons suffer loses Enforcement of legal sizes create scarcity of fish for processing		1	5.6%
Leave very early to get fish which can be insecure, some not trusted by their spouses, some forced to handle over the earnings to their spouses, middle men mistreat them		1	5.6%
Men controlling income and not supporting families		1	5.6%
Men dominate the supply of fish and thus decide to whom to sell		1	5.6%
Minimized at present, transport/fishing boats are not safe enough		1	5.6%
No		1	5.6%
No, but to access gooymarkets is a hardships		1	5.6%
None		3	16.7%
None it all depends on your capital		1	5.6%
None,		1	5.6%
None, struggling to get fish applies to both gender and not targeted to women		1	5.6%
Policemen harsement		1	5.6%
Processing/cleaning fish in open places under direct sun with no shade; and left with families as men run away due to fish scarcity or enforcement/patrols		1	5.6%
Some men assumes control over women income		1	5.6%
Some men mistreat women by controlling their incomes		1	5.6%

### X1\_5\_5\_12\_WOULD\_YOU\_LIKE\_TO\_: 1.5.5.12 Would you like to add anything more in this regard?

Data file: data\_anon\_kii

## Overview

Valid: 18

Type: Discrete Width: 108 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Access to fish depend on financial capacity		1	5.6%
General opinion is: women should not talk in public but this has changed		1	5.6%
Lack of capital makes them vulnerable to all forms of discrimination		1	5.6%
Mis- treatment due to alcohol and drugs		1	5.6%
Need for more exposure and training in leadership and cooperatives		1	5.6%
Need to provide soft loans to empower women		1	5.6%
No		2	11.1%
None		3	16.7%
Some women when get money mistreat the men		1	5.6%
There are equal opportunities, your capital detects		1	5.6%
Things have improved, the policies advocate for eiquit		1	5.6%
When income is low men run away from families		1	5.6%
Women are given fish on conditions		1	5.6%
Women are the majority along the entire value chain after fish is captured and thus men have limited control		1	5.6%
Women have a lot of struggle		1	5.6%

## X1\_6\_1\_WHAT\_ARE\_THE\_MAIN\_ISS: 1.6.1. What are the main issues you see in accessing fish?

Data file: data\_anon\_kii

## Overview

Valid: 18

Type: Discrete Width: 180 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
. seasonal variation in catches affect livelihoods		1	5.6%
Before, women were not involved, but with exposure and training women are becoming more aggressive, access to fish is on equal opportunities and women are dominating in the business		1	5.6%
Capital		1	5.6%
Depends on existing business relations		1	5.6%

During low season, otherwise there is no problem in accessing fish	1	5.6%
Enforcement of legal sizes while the right sizes go to processing factories The catches have markably declined	1	5.6%
Fish mongers/ Middle men determine prices and favor those with big capitals	1	5.6%
Fishing equipment not easily available and affordable	1	5.6%
Lack of capital make women inferior and unable to equally compete in the business	1	5.6%
Lack of capital,	1	5.6%
Low catches	1	5.6%
Most women don't own the fishing equipment and thus can't guarantee getting fish	1	5.6%
None, there is suctioning market or open buying on board for dagaa	1	5.6%
Poor fishing equipments and effects of climate changes	1	5.6%
Scarcity/ low catches	1	5.6%
Small capitals make them unable to compete equally when buying fish	1	5.6%
There is auction and it all about your capital	1	5.6%
There's equal opportunity for both men and women to access fish	1	5.6%

## X1\_6\_2\_DO\_YOU\_THINK\_THERE\_IS: 1.6.2 Do you think there is much fish loss and waste in small scale fishery value chains? And how much of a problem is this?

Data file: data\_anon\_kii

### Overview

Valid: 18

Type: Discrete Width: 161 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
10%		1	5.6%
Dagaa -during rain seasons		1	5.6%
Dagaa during rain season - high loses		1	5.6%
During rain season as they depend on sun drying		1	5.6%
Fish are ferried from Islands and ice containers and ice is not available, only refrigerated trucks from processing factories carry ice		1	5.6%
It is a problem: Sangara ice making facilities are lacking and depend on factory trucks, Dagaa during rains		1	5.6%
No		2	11.1%
Not a big problem		1	5.6%
Not serious but electricity is not that reliable, for dagaa - during rain season is serious. There is a project under World Bank to construct a market for dagaa		1	5.6%
Not that serious only during rain season		1	5.6%

Poor handling and Processing reduce quality. Serious during rains		1	5.6%
Serious problem for Dagaa during rains		1	5.6%
Yes during rains as there are no shades		1	5.6%
Yes, illegal fishing catching undersized and juvenile's which are thrown Flooding of the dam drains fish to the river		1	5.6%
Yes, mostly during rain season due to poor Processing technology. It can be 100% lose if rains are continuos. It goes for chicken feed		1	5.6%
Yes, no cold rooms for storage or ice but only 5 percent Dagã a during rain season almost 100 percent		1	5.6%
Yes, no ice making machines at site		1	5.6%

### X1\_6\_3\_WHAT\_FACILITIES\_EXIST: 1.6.3 What facilities exist for those women involved in SSF post-harvest processing that might reduce waste and loss?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 127 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Buy ice from the trucks but when not available, they smoke the fish		1	5.6%
Cover with nylon tarpentine to reduce lose when it rains, for Sangara they lobby factories to provide enough ice		1	5.6%
Deep freezers		1	5.6%
Dried, boiled or fried and also kept in deep freezers		1	5.6%
Drying racks		1	5.6%
Means of transport/ice containers, covering dagaa on racks during rain session		1	5.6%
N/A		1	5.6%
None		1	5.6%
None, during rains lose is 100%		1	5.6%
None, they only use nylon papers to cover fish when it rains		1	5.6%
Only nylon papers to cover the racks		1	5.6%
Raised racks with covers/water proof covers Large ventilated dry rooms to spread dagaa when it rains		1	5.6%
So far no alternative		1	5.6%
Use covers (nylon papers or tarpentine) to cover fish on racks when raining		1	5.6%
Use nylons to cover when it rains		1	5.6%
Use of legal fishing gears by men will guarantee process right sizes of fish and avoid confiscation of undersize processed fish		1	5.6%

Use of nylon papers to cover dagaa on racks during rain season but it's quality will be affected	1	5.6%
Use of nylon/tarpentine to cover fish	1	5.6%

### X1\_6\_4\_AND\_AS\_A\_FOLLOWING\_QU: 1.6.4 And as a following question: What are the benefits and challenges with these facilities?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 111 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
Affordability - women have limited capital to invest in new technologies		1	5.6%
Availability due to high prices		1	5.6%
Availability of ice and poor quality of drying facilities		1	5.6%
Container s are for fish buyers from factories, not accessible to SSF		1	5.6%
Electricity is not very reliable		1	5.6%
If the rains prolong, the fish are spoiled and are thrown away		1	5.6%
In short rains it helps, but if rains prolong, the spoilage remains		1	5.6%
It is not very effective		1	5.6%
It only helps if the rain is for a short duration, but if it is for more than a day, the fish still get spoiled		1	5.6%
N/A		2	11.1%
None		2	11.1%
Only temporary measures and not guaranteed		1	5.6%
Prolonged rains still covers do not help		1	5.6%
Scarcity of firewood and proper smoking kilns		1	5.6%
They racks and nylon papers may not be enough		1	5.6%
They retain heat and this fish rote faster		1	5.6%

### X1\_6\_5\_WHAT\_TECHNOLOGIES\_DO\_: 1.6.5 What technologies do you know about that those women involved in SSF post-harvest processing might access that are available or could be promoted?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 116 Range: - Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Better frying and boiling facilities		1	5.6%
Construction of raised drying racks with a shade		1	5.6%
Drying racks and kilns		1	5.6%
Electric drying machines- which can handling big catches and for a short time		1	5.6%
Electric machines for drying		1	5.6%
Large Buildings similar to green houses with solar panels		1	5.6%
No		3	16.7%
None		2	11.1%
Provision of cold rooms and deep freezers		1	5.6%
Provision of large well aired buildings with solar driers; and cold rooms with Ice making machines		1	5.6%
Salting and fermentation		1	5.6%
Solar dryers		1	5.6%
Solar dryers but should be able to store the Sun energy for use when it rains		1	5.6%
Use of cold rooms and ice containers		1	5.6%
Use of electric oven or roofed structures which the roofs are adjustable to close and open depending on rains or sun		1	5.6%

### X1\_6\_7\_DOES\_YOUR\_OFFICE\_INST: 1.6.7 Does your office/institution provide training for women in SSF post-harvest handling? And what is this training?

Data file: data\_anon\_kii

### Overview

Valid: 18

Type: Discrete Width: 116 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Mobilize women to fully participate in fish processing along the entire value chain, and in investment opportunities		1	5.6%
No		5	27.8%
No but sometimes projects through Fisheries Officers or Research we collaborate: training in handling and processing		1	5.6%
None		2	11.1%
None only meetings are organized to discuss management issues		1	5.6%

Not yet it is planned		1	5.6%
Proper Handling and Processing		1	5.6%
They invite professional people to provide specific trainings		1	5.6%
Yes, compliance with the management regulations		1	5.6%
Yes, handling and processing, use of charcoal stoves for smoking but it is not environmentally friendly		1	5.6%
Yes, hygiene and sanitation for safety of fish products		1	5.6%
Yes, not to dry on sand, use of raised racks, and savings		1	5.6%
Yes, proper handling, hygiene and sanitation for quality of the products		1	5.6%

### X1\_7\_1\_DO\_YOU\_KNOW\_IF\_THERE\_: 1.7.1 Do you know if there are any local fisheries organisations for women in your area? How many?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 111 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
3- Women groups		1	5.6%
3- groups		1	5.6%
About 3 - women processors associations		1	5.6%
Do not exist		1	5.6%
No		1	5.6%
None		3	16.7%
Savings and credit organizations existed but no longer operational		1	5.6%
Small groups for seaweeds and shrimp- 2 groups		1	5.6%
Women Groups are 3		1	5.6%
Yes		1	5.6%
Yes but not sure of the number		1	5.6%
Yes, 4 registered and received loans from the 10% retaintion at Local Government for Women, Youth and Disabled		1	5.6%
Yes, about 3 involved in fish/dagaa processing to regional markets		1	5.6%
Yes, about 4		1	5.6%
Yes, dagaa processing groups -about 4		1	5.6%
Yes, two groups		1	5.6%

**X1\_7\_2\_DO\_YOU\_KNOW\_ANYTHING\_ : 1.7.2 Do you know anything about this organisation or organisations? Such as numbers of members, fee rates etc****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 84 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
15, 14, weekly contributions		1	5.6%
30, pay fees		1	5.6%
About 6,each, no fees		1	5.6%
About 10 women and pay for registration under credit officers at local government		1	5.6%
About 15 per group. Make contributions/collections every week and is kept as savings		1	5.6%
About 20 women, fee is 5,000 each		1	5.6%
Credits and savings groups with entry fees		1	5.6%
Each Groups has its constitution and they pay entry fees. Members are about 10+		1	5.6%
N/A		3	16.7%
No		2	11.1%
No data on numbers, some pay membership fees		1	5.6%
No information		1	5.6%
No, but they are registered by Municipal Council		1	5.6%
Not exist		1	5.6%
There were membership fees		1	5.6%

**X1\_7\_3\_WHAT\_ARE\_THE\_BENEFITS: 1.7.3 What are the benefits that might be derived from these organisations?****Data file:** data\_anon\_kii**Overview**

Valid: 18

Type: Discrete Width: 105 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Access to finances/loans and buffer in business and learn from each other		1	5.6%
Accessing finances/loans and trainings		1	5.6%

Accessing loans		1	5.6%
Are facilitated to save and support each other financially		1	5.6%
Empowering them to improve their livelihoods		1	5.6%
Improve their financial stability		1	5.6%
Information/experience sharing, credit and savings facilities		1	5.6%
Joint voices and provision of loans and savings		1	5.6%
More voice and access to finances		2	11.1%
Savings and provision of credits		1	5.6%
Social support and access of finances and training		1	5.6%
The VICOBA are more helpful in providing loans and facilitate savings		1	5.6%
The benefits are there but needs better organizational arrangements and training		1	5.6%
They are supported to access finances		1	5.6%
They can get loans, or can contribute and buy fishing assets or access regional or international marketsr		1	5.6%
To access loans		1	5.6%
To access loans and other markets		1	5.6%

#### **X1\_7\_4\_DO\_YOU\_KNOW\_IF\_ANY\_WO: 1.7.4 Do you know if any women representatives from these organisations have attended local government meetings? Did the women representatives participate or speak in the meeting?**

**Data file:** data\_anon\_kii

#### **Overview**

Valid: 18

Type: Discrete    Width: 119    Range: -    Format: character

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
As individuals, and express themselves		1	5.6%
Attend as BMU members, yes they speak		1	5.6%
BMU are invited in village council meetings anf she actively participate		1	5.6%
In every three months, local government organize meetings which involve Development Officers who represent such groups.		1	5.6%
No		2	11.1%
They are invited and they talk		1	5.6%
They attend as individuals, and they talk		1	5.6%
They participate in community development meetings and they contribute ideas		1	5.6%
Yes		2	11.1%
Yes and talk		1	5.6%

Yes, mostly complain against enforcement and surveillance		1	5.6%
Yes, they contribute and raise issues		1	5.6%
Yes, they speak		1	5.6%
Yes, they speak mostly about high levies		1	5.6%
Yes, very active		1	5.6%
Yes, village meetings and they talk		1	5.6%

## X1\_7\_5\_CAN\_YOU\_RECALL\_WHEN\_T: 1.7.5 Can you recall when this was? How long ago?

Data file: data\_anon\_kii

### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 22 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2- weeks		1	5.6%
A month ago		1	5.6%
Beginning of the Month		1	5.6%
Early Dec this year		1	5.6%
Every three months		1	5.6%
In June this year		1	5.6%
In September 2020		1	5.6%
Last month		1	5.6%
Last year		1	5.6%
N/A		1	5.6%
No		1	5.6%
October		1	5.6%
One month ago		1	5.6%
One year back ,		1	5.6%
Sept, this yearu		1	5.6%
September last year		1	5.6%
Two months		2	11.1%

## X1\_7\_6\_WHAT\_WAS\_THE\_MAIN\_REA: 1.7.6 What was the main reason for such as meeting? E.g. Environmental (reduction of fish?), Market access?, quality of facilities at market? Prices

**and fees of market stalls/facilities****Data file:** data\_anon\_kii**Overview**

Valid: 18

Type: Discrete Width: 119 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
A general meeting		1	5.6%
Collection of revenues and theft of gear		1	5.6%
Community development issues and Security		1	5.6%
Community development, but covered landing site and market infrastructures		1	5.6%
Construction of class room for the Ward secondary School		1	5.6%
Development issues for the ward and approving the women organizations		1	5.6%
Environmental and responsible fishing and hygiene and sanitation at landing site		1	5.6%
General meeting for planning and budget expenditures		1	5.6%
Income and expenditures for the village and illegal fishing practices		1	5.6%
Information on changes in fisheries regulations		1	5.6%
Markets access to other regions		1	5.6%
N/A		2	11.1%
Prospering them for renewal of licenses and patrols		1	5.6%
Repairing/ working on village roads and contributions to put up a secondary school for the village and youth employment		1	5.6%
Small scale investors in fisheries and how to form cooperatives		1	5.6%
To discuss progress of work- plans for fish landing sites		1	5.6%
Updates on village development plans and other challenges in the community		1	5.6%

**X1\_7\_7\_DO\_YOU\_THINK\_SUCH\_ORG: 1.7.7 Do you think such organisations help increase their voice and your knowledge of what the problems are in dealing with issues in post-harvest handling, processing and selling fish?****Data file:** data\_anon\_kii**Overview**

Valid: 18

Type: Discrete Width: 183 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Common voice and access to finances/loans		1	5.6%
It is useful as their issues are voiced and document and communicated to all levels of Local Government administration		1	5.6%
Object is to enable market access, access to finances and a common voice		1	5.6%
Such issues including safety of fishers are also discussed		1	5.6%
The groups are not effectively attended due to lack of awareness, and thus no much added benefit		1	5.6%
They express their challenges as having fish confiscated by policemen contrary to regulations		1	5.6%
Yes		6	33.3%
Yes,		2	11.1%
Yes, few participate when only they have burning issues		1	5.6%
Yes, they view out their challenges and are forwarded to District level		1	5.6%
Yes, through groups their issues reach the Concellors meetings. Eg. They complained about high interest for the loans from local government and now they get loans without any interest		1	5.6%
Yes, when they speak in meetings		1	5.6%

### X1\_8\_1\_HOW\_DO\_YOU\_LEARN\_MORE: 1.8.1 How do you learn more about SSF in your area or region on issues such as sourcing/buying fish?

Data file: data\_anon\_kii

#### Overview

Valid: 18

Type: Discrete Width: 126 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
BMU + Fisheries/Extension Officers, or individual actors along the value chain		1	5.6%
BMU data collection unit		1	5.6%
BMU reports, Fishers/Women Groups meetings where I participate but there's no flow of information from higher levels down		1	5.6%
BMUs exist at each landing site and they make calls or visit		1	5.6%
District seminars		1	5.6%
Fisheries Officer's report in every three months		1	5.6%
From Fish mongers and from factory owners		1	5.6%
From fisheries officers		1	5.6%
From the SSF and Fisheries Officers		1	5.6%
In Government meetings and BMU meetings		1	5.6%

Landing site meetings in every three months		1	5.6%
No		1	5.6%
Only from the respective administrative organs in the given village and from fishers and processors		1	5.6%
Problems are in accessing markets and turn over in recovering the money invested as it takes time to clear a given consignment		1	5.6%
She interact with fishers as they come for movement permits		1	5.6%
Though BMU leaders, and quarterly village meetings		1	5.6%
Through meetings		1	5.6%
Women consult on individual bases		1	5.6%

## X1\_8\_2\_WHAT\_IN\_PARTICULAR\_DI: 1.8.2 What in particular did you find most useful? What do you learn?

Data file: data\_anon\_kii

### Overview

Valid: 18

Type: Discrete Width: 213 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Availability of assets, markets, capital and training		1	5.6%
Data and hygiene issues		1	5.6%
Fisheries officers attend administrative meetings at different levels and present issues which concern SSF		1	5.6%
Get the challenges facing SSF actors		1	5.6%
Leadership challenges		1	5.6%
Local meetings, people talk and you learn		1	5.6%
N/A		1	5.6%
Need to be involved and knowing what is happening in SSF		1	5.6%
New fishers migrating to the area and BMUs have to verify they have the right gear and are registered		1	5.6%
Responsible fishing and why to control illegal fishing Fishers Groups - facilitates reaching them and assist to mobilize them to play roles in community development		1	5.6%
Small scale fishers and women processors are more focused in hiring some income than in food and nutrition security		1	5.6%
Sustainable Management of the resources		1	5.6%
The availability of means of livelihood to support families and source of food and protein to the community Understanding how important is SSF and women role in the sector and the contribution to national economy		1	5.6%
The importance of adding value and improve quality		1	5.6%



The importance of sustainable harvesting/ Resource use		1	5.6%
To get exchange programs to share knowledge and experience and not to get people who will also invest and compete		1	5.6%
To understand their challenges		1	5.6%
What is BMU and their role		1	5.6%

### **X1\_8\_3\_HOW\_DOES\_ONE\_LEARN\_TO: 1.8.3 How does one learn to access and use new technologies? Can extension services help?**

**Data file:** data\_anon\_kii

#### **Overview**

Valid: 18

Type: Discrete    Width: 117    Range: -    Format: character

#### **Questions and instructions**

##### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
Extension officers from different areas		1	5.6%
Extension officers/fisheries officers		1	5.6%
Extension services are over familiar and new trainers may help		1	5.6%
Extension services, and exchange programs or trainers from Government or projects		1	5.6%
From village meetings and fisheries officers		1	5.6%
Seminars		1	5.6%
Through extension services		1	5.6%
Through extension services and exchange programs		1	5.6%
Through extension services. Fisheries officers are doing very good extension work		1	5.6%
To mobilize and get experts through projects or extension services and reach them through their groups or association		1	5.6%
Training and exchange programs		1	5.6%
Training and provision of Isoft loans. Extension services have a role		1	5.6%
Yes		5	27.8%
Yes,		1	5.6%

### **X1\_8\_4\_DO\_YOU\_KNOW\_OF\_ANY\_SP: 1.8.4 Do you know of any special training from projects or government institutions available? (please specify)**

**Data file:** data\_anon\_kii

#### **Overview**

Valid: 18

Type: Discrete    Width: 139    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Central Government experts on sustainable fishing practices, Local Government Economists on business Management issues and entrepreneurship		1	5.6%
Ecosystem Approach to Fisheries Management in 2019 from WWF mostly to BMUs		1	5.6%
Environmental Management, from Central Government		1	5.6%
Fishers encouraged to form cooperatives		1	5.6%
Leadership training		1	5.6%
No		8	44.4%
No, most visit to collect data and information and not training		1	5.6%
Rehabilitation of mangroves project - about 5 yrs ago		1	5.6%
SWIOFISH, Blue- Venture,- entrepreneurship and financial management		1	5.6%
Sustainable fishing and environmental rehabilitation and control dumping of hard waste		1	5.6%
Sustainable fishing practices		1	5.6%

**X1\_8\_5\_DID\_YOU\_HAVE\_ANY\_TRAI: 1.8.5 Did you have any training on the SSF Guidelines for example?**

Data file: data\_anon\_kii

### Overview

Valid: 18 Invalid: 0

Type: Discrete Width: 45 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
No		11	61.1%
None		4	22.2%
Not in person, but the training was conducted		1	5.6%
Yes		1	5.6%
Yes, responsible fishing practices		1	5.6%

**X1\_8\_6\_WHAT\_OTHER\_SPECIFIC\_T: 1.8.6 What other specific training would be helpful for you?**

Data file: data\_anon\_kii

## Overview

Valid: 18

Type: Discrete Width: 136 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
All different aspects of safety and quality of fish and fisheries products		1	5.6%
Alternative livelihoods, gardening, pond fish farming		1	5.6%
Best processing practices and how to access new markets		1	5.6%
Best processing technologies, entrepreneurship		1	5.6%
Exchange programs to learn on resources Management practices		1	5.6%
Fish farming in ponds		1	5.6%
Fish processing and marketing & entrepreneurship		1	5.6%
Fish processing technologies for better quality productsy		1	5.6%
Fisheries Management, and how to run cooperatives		1	5.6%
Legal fishing gear and technology A processing technology for the rain season		1	5.6%
Management of fisheries resources for sustainability		1	5.6%
Marketing and business skills, value addition along the value chain		1	5.6%
Marketing and entrepreneurship		1	5.6%
Processing and Marketing, Environmental Management		1	5.6%
Sustainable fishing and the benefits		1	5.6%
Sustainable fishing for seaweeds and shrimp for women and gillnet fishing at night. Fish handling and drying mostly during rain season		1	5.6%
Value addition aalobg the value chain and quality issues,		1	5.6%
Weather forecast and Early warning information, Processing/preservation technology		1	5.6%

## X1\_8\_7\_HAVE\_YOU\_PARTICIPATED: 1.8.7 Have you participated in local, regional or international workshops/seminars/ subject meetings in SSF?

Data file: data\_anon\_kii

## Overview

Valid: 18

Type: Discrete Width: 143 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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District level by Fisheries Officers: on Monitoring, Control and Surveillance for sustainable management of resources		1	5.6%
Local seminars on the roles and responsibilities of BMUs and on closed areas and seasons for Octopus fisheries from WWF and rescue exercises		1	5.6%
Locally -twice on trap/basket fishing and coastal shallow water fishing for sustainability of the resources and environmental protection		1	5.6%
Locally only		1	5.6%
No		9	50%
None		2	11.1%
Yes, at regional level, sustainable fishing and effects of illegal fishing		1	5.6%
Yes, regional on handling and Processing at the Nyegezi training Institute		1	5.6%
Yes, specific for BMU on CFMA( collaborative fisheries management Authority) at local government		1	5.6%

**ID:****Data file:** data\_anon\_kii**Overview**

Valid: 18 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
144258564		1	5.6%
144258576		1	5.6%
144480204		1	5.6%
145078386		1	5.6%
145185597		1	5.6%
145980873		1	5.6%
145980875		1	5.6%
146397893		1	5.6%
146397894		1	5.6%
152293368		1	5.6%
152293371		1	5.6%
152899158		1	5.6%
152899160		1	5.6%
152899162		1	5.6%
153904833		1	5.6%
153904841		1	5.6%

153904974		1	5.6%
153904975		1	5.6%

# study\_resources

## questionnaires

### Empowering Women in Small Scale Fisheries for Sustainable Food Systems: Focus Group Discussions, Questionnaire

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title Empowering Women in Small Scale Fisheries for Sustainable Food Systems: Focus Group Discussions, Questionnaire  
 language English  
 filename FOCUS\_GROUP\_DISCUSSIONS\_KoboToolbox.pdf

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### Empowering Women in Small Scale Fisheries for Sustainable Food Systems, Individual Questionnaire

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title Empowering Women in Small Scale Fisheries for Sustainable Food Systems, Individual Questionnaire  
 language English  
 filename INDIVIDUAL\_QUESTIONNAIRE\_KoboToolbox.pdf

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### Baseline Assessment for FMM Sub-Programme Key Informant Interview Checklist

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title Baseline Assessment for FMM Sub-Programme Key Informant Interview Checklist  
 language English  
 filename Baseline\_KII\_survey.pdf

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