



United Republic of Tanzania
National Bureau of Statistics

NATIONAL PANEL SURVEY (NPS 2012/2013)

This information is collected under the Act of the Parliament (Act No. 1 of 2002)

THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY.

LIVESTOCK & FISHERIES QUESTIONNAIRE

SECTION A-1: HOUSEHOLD IDENTIFICATION

	CODE	NAME	
1. REGION:	<input type="text"/>	MARK BOX WITH AN 'X' AND NUMBER FORMS BELOW IF YOU USE MORE THAN THIS SINGLE FORM TO COLLECT INFORMATION FROM THIS HOUSEHOLD. IF SO, BE SURE TO MARK IN THE SAME WAY THE OTHER FORMS USED FOR THIS HOUSEHOLD
2. DISTRICT	<input type="text"/>	
3. WARD	<input type="text"/>	
4. VILLAGE/ENUMERATION AREA	<input type="text"/>	
5. KITONGOJI OR MTAA NAME	<input type="text"/>	
7. HOUSEHOLD ID (FROM LIST) :	<input type="text"/>	<input type="checkbox"/>
8. NAME OF HOUSEHOLD HEAD:		FORM ____ OF ____ TOTAL
9. FULL HOUSEHOLD IDENTIFICATION FROM NPS YEAR 2:		<input type="text"/>	

10 NAME OF INTERVIEWER

11 INTERVIEWER ID

12 START TIME (SWAHILI)

13 DATE OF INTERVIEW

DD MM YYYY

(ENUMERATOR: ► **NEXT PAGE**)

14 NAME OF SUPERVISOR

15 SUPERVISOR ID

16 DATE OF QUESTIONNAIRE INSPECTION

DD MM YYYY

17 NAME OF DATA ENTRY CLERK

18 DATA ENTRY CLERK ID

19 DATE OF DATA ENTRY

DD MM YYYY

20 2ND DATA ENTRY CLERK ID

21 DATE OF 2ND DATA ENTRY

DD MM YYYY

OBSERVATIONS ON THE INTERVIEW
RECORD GENERAL NOTES ABOUT THE INTERVIEW AND RECORD ANY SPECIAL INFORMATION THAT WILL BE HELPFUL FOR SUPERVISORS AND THE ANALYSIS OF THIS QUESTIONNAIRE.

22. REFER TO HH QUESTIONNAIRE, SECTION U, Q6

DID ANYONE IN THE HOUSEHOD OWN ANY LIVESTOCK IN THE LAST 12 MONTHS?

YES . . . 1 (COMPLETE SECTIONS 1-8)

NO . . . 2

23. REFER TO HH QUESTIONNAIRE, SECTION U, Q7 & Q8

DID ANYONE IN THE HOUSEHOLD ENGAGE IN FISHING, FISH TRADING, OR FISH PROCESSING IN THE LAST 12 MONTHS?

YES . . . 1 (COMPLETE SECTIONS 1, 9-13)

NO . . . 2

TABLE OF CONTENTS

SECTION 1. HOUSEHOLD MEMBER ROSTER

LIVESTOCK

SECTION 2. LIVESTOCK STOCK

SECTION 3: ANIMAL HEALTH

SECTION 4. FEED, WATER, HOUSING, BREEDING

SECTION 5. LIVESTOCK- LABOUR

SECTION 6. MILK

SECTION 7. ANIMAL POWER & DUNG

SECTION 8. OTHER LIVESTOCK PRODUCTS

FISHERY

SECTION 9. FISHERY - HOUSEHOLD LABOUR

SECTION 10. FISHERY - HIRED LABOUR

SECTION 11. FISHING INPUTS

SECTION 12. FISHERIES OUTPUT

SECTION 13. FISH TRADING

SECTION 1. HOUSEHOLD MEMBER ROSTER

PLEASE COPY THE FOLLOWING INFORMATION FROM THE HOUSEHOLD QUESTIONNAIRE

ID	1. NAME	2. AGE YEARS	3. SEX MALE . . . 1 FEMALE . 2	4. MARK WITH 'X' THE RESPONDENT OR RESPONDENTS TO THIS QUESTIONNAIRE
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12				

SECTION 2. LIVESTOCK STOCK

C O D E	OWNERSHIP				BORN	PURCHASED			GIFTS		
	1. Did this household own any [ANIMAL] in the last 12 months? IF NOT INDICATED SEPERATELY, INCLUDE BABIES YES...1 NO...2 ▶NEXT	2. Number of [ANIMAL] owned at the time of the last survey. NUMBER	3. Number of [ANIMAL] owned 12 months ago. NUMBER	4. How many [ANIMAL] does this household currently own? Indigenous Improved/ Exotic	5. How many [ANIMAL] were born in the past 12 months? NUMBER	6. Have you bought any [ANIMAL] alive in the past 12 months? YES...1 NO...2 ▶9	7. How many [ANIMAL] have you bought alive in the last 12 months? NUMBER	8. What was the total value of these purchases? T-SHILLINGS	9. Did you receive any [ANIMAL] as a gift or payment for some services provided in the last 12 months? YES...1 NO...2 ▶12	10. How many [ANIMAL] did you receive as gifts or payment for some services provided in the past 12 months? NUMBER	11. From whom did you receive most of these [ANIMAL]? FRIEND/ RELATIVE...1 NGO.....2 OTHER, SPECIFY...3
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12											
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16											

C O D E	GIFTS			DISEASE			THEFT			INJURIES		
	12. Did you give any [ANIMAL] as a gift or payment for some services provided in the last 12 months? YES...1 NO...2 ▶15	13. How many [ANIMAL] did you give as gifts or payment for some services provided in the past 12 months? NUMBER	14. To whom did you give most of these [ANIMAL]? FRIEND/ RELATIVE...1 NGO.....2 OTHER, SPECIFY...3	15. Have you lost any [ANIMAL] to DISEASE in the past 12 months? YES...1 NO...2 ▶18	16. How many [ANIMAL] have you lost to DISEASE in the past 12 months? NUMBER	17. What was the value of these [ANIMAL]s lost to disease? T-SHILLINGS	18. Have you lost any [ANIMAL] to THEFT in the past 12 months? YES...1 NO...2 ▶21	19. How many [ANIMAL] have you lost to THEFT in the past 12 months? NUMBER	20. What was the value of these [ANIMAL]s lost to THEFT? T-SHILLINGS	21. Have you lost any [ANIMAL] to INJURY / ACCIDENT / NATURAL CALAMITY in the past 12 months? YES...1 NO...2 ▶24	22. How many [ANIMAL] have you lost to INJURY / ACCIDENT / NATURAL CALAMITY in the past 12 months? NUMBER	23. What was the value of these [ANIMAL]s lost to INJURY / ACCIDENT / NATURAL CALAMITY? T-SHILLINGS
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16												

SALES

SLAUGHTER

C O D E	24. Have you sold any [ANIMAL] alive in the past 12 months? YES...1 NO...2 ▶29	25. How many [ANIMAL] have you sold alive in the past 12 months? NUMBER	26. What was the total value of sales? T-SHILLINGS	27. Who in your household decided what to do with these earnings? INDICATE UP TO 2 PEOPLE IN HH ID #1 ID #2	28. Where did you sell most [ANIMAL]? LIST UP TO TWO NETWORK ROSTER ID 1 2	29. Did you slaughter any [ANIMAL] in the past 12 months? YES...1 NO...2 ▶NEXT	30. How many [ANIMAL] did you slaughter in the past 12 months? NUMBER	31. What was the live weight, on average, of the [ANIMAL] that you slaughtered? KG/HEAD	32. How many of the [ANIMAL] slaughtered did you sell? IF '0' ▶NEXT NUMBER	33. What was the total value of the sold slaughtered [ANIMAL]? T-SHILLINGS	34. Where did you sell most [ANIMAL] that you slaughtered? LIST UP TO TWO NETWORK ROSTER ID 1 2	35. Who in your household decided what to do with these earnings? INDICATE UP TO 2 PEOPLE IN HH ID #1 ID #2
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1														
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SECTION 2. LIVESTOCK STOCK

		HOUSEHOLD OWNED [ANIMAL] IN THE LAST 12 MONTHS
	CODE	YES...1 NO....2

LARGE RUMINANTS	1	BULLS	
	2	COWS	
	3	STEERS	
	4	HEIFERS	
	5	MALE CALVES	
	6	FEMALE CALVES	
SMALL RUMINANTS	7	GOATS	
	8	SHEEP	
PIGS	9	PIGS	
POULTRY	10	CHICKENS	
	11	DUCKS	
	12	OTHER POULTRY _____	
OTHER ANIMALS	13	RABBITS	
	14	DONKEYS	
	15	DOGS	
	16	OTHER _____	

SECTION 3: ANIMAL HEALTH

VACCINATION

DEWORMING

C O D E	1. REFER TO SECTION 1, QUESTION 1: DID THE HOUSEHOLD OWN ANY OF THESE TYPES OF ANIMALS? YES...1 NO....2 ▶NEXT	2. What kind of diseases did [ANIMAL] suffer in the past 12 months? USE CODES BELOW	3. Did you vaccinate your [ANIMAL] in the past 12 months? YES, ALL ANIMALS AT LEAST ONCE.....1 YES, SOME....2 NO.....3 ▶6	4. Who provided the vaccine (or vaccinated) your [ANIMAL]? PRIVATE VET CLINIC.....1 DISTRICT VET CLINIC.....2 NGO/PROJECT....3 OTHER, SPECIFY.4	5. Against which diseases did you vaccinate your [ANIMAL]? USE CODES BELOW	6. During the last 12 months have you used dewormers on your [ANIMAL]? YES, ALL ANIMALS..1 YES, SOME.....2 NO.....3 ▶8	7. Who administered the dewormer treatment to your [ANIMAL]? PRIVATE VET CLINIC.....1 DISTRICT VET CLINIC.....2 NGO/PROJECT....3 OTHER, SPECIFY..4
		#1 #2 #3 #4			#1 #2 #3 #4		

1									
2									
3									
4									
5									
6									

CODES FOR Q2 (DISEASES)

Brucellosis (Ugonjwa wa Kutupa Mimba).....1
CBPP (Homa ya Mapafu).....2
Lumpy Skin Disease (Mapelengozi)....3
CCPP (Homa ya Mapafu kwa mbuzi)....4
ECF (Ndigana Kali).....5
Rabies (Kichaa cha Mbwa).....6
FMD (Ugonwa wa Miguu na Midomo)....7
Anthrax (Kimeta).....8
BQ (Chambavu).....9
New castle Disease (Kideli/Mdondo).10
Small Pox (Ndui).....11

Gomboro (Gumboro).....12
Helminthiosis.....13
ASF (Homa ya Ngoruwe).....14
Tick Borne Disease.....15
Typanosomiasis.....16
Foot Rot.....17
Tetanus.....18
Mange.....19
Anaemia.....20
Canine Distemper.....21
Not sick.....22
Other, specify.....23

CODES FOR Q5 (DISEASES)

Brucellosis (Ugonjwa wa Kutupa Mimba).....1
CBPP (Homa ya Mapafu).....2
Lumpy Skin Disease (Mapelengozi)....3
CCPP (Homa ya Mapafu kwa mbuzi)....4
ECF (Ndigana Kali).....5
Rabies (Kichaa cha Mbwa).....6
FMD (Ugonwa wa Miguu na Midomo)....7
Anthrax (Kimeta).....8
BQ (Chambavu).....9
New castle Disease (Kideli/Mdondo).10
Small Pox (Ndui).....11
Gomboro (Gumboro).....12
Not vaccinated.....13
Other, specify.....14

SECTION 4. FEED, WATER, HOUSING, BREEDING

FODDER

WATER

C O D E	1. What have been for this household the major feeding practices for [ANIMAL] in the last 12 months? ONLY GRAZING/SCAVENGING...1 MAINLY GRAZING/SCAVENGING WITH SOME FEEDING.....2 MAINLY FEEDING WITH SOME GRAZING/SCAVENGING.....3 ONLY FEEDING (NO GRAZING AND NO SCAVENGING).....4 TETHERING.....5 OTHER, SPECIFY.....6 LIST UP TO TWO 1 2	2. Did you purchase any feed / fodder for your [ANIMAL] in the past 12 months? YES...1 NO...2 ▶5	3. In which months did you purchase feed/fodder in the past 12 months? CIRCLE ALL THAT APPLIES	4. How much has this household paid to feed the [ANIMAL] in the past 12 months? T-SHILLINGS	5. How frequently, on average, has this household watered [ANIMAL] in the past 12 months? ANIMALS GET ON THEIR OWN FROM AVAILABLE SOURCES.....1 ▶11 ONCE A DAY.....2 TWICE A DAY.....3 THRICE A DAY.....4 THROUGHOUT THE DAY.5 OTHER, SPECIFY.....6	6. What have been the main sources of water for [ANIMAL] in the past 12 months? USE CODES BELOW LIST UP TO TWO 1 2	7. Has this household ever paid to water [ANIMAL] in the past 12 months? YES...1 NO...2 ▶10
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1			J	F	M	A	M	J	J	A	S	O	N	D				
2			J	F	M	A	M	J	J	A	S	O	N	D				
3			J	F	M	A	M	J	J	A	S	O	N	D				
4			J	F	M	A	M	J	J	A	S	O	N	D				
5			J	F	M	A	M	J	J	A	S	O	N	D				
6			J	F	M	A	M	J	J	A	S	O	N	D				

CODES FOR 06

- | | |
|-----------------|------------------------------|
| TAP WATER.....1 | STREAM.....7 |
| BOREHOLE.....2 | CONSTRUCTED WATER POINTS...8 |
| DAM.....3 | RAINWATER |
| WELL.....4 | HARVESTING.....9 |
| RIVER.....5 | OTHER, SPECIFY.....10 |
| SPRING.....6 | |

C O D E	HOUSING				BREEDING	
	8. In which months did you pay to water [ANIMAL] in the past 12 months? CIRCLE ALL THAT APPLIES	9. How much has this household paid to access the main water sources for [ANIMAL] in the past 12 months? T-SHILLINGS	10. Did anyone in this household move with the herds away from the household for more than one week to look for water or pasture? LIST UP TO TWO FROM HOUSEHOLD ROSTER LIST "0" IF NO MEMBERS LIST "55" IF ALL MEMBERS ID #1 ID #2	11. What housing system for [ANIMAL] has this household mainly used in the past 12 months? NONE.....1 CONFINED IN SHEDS.....2 CONFINED IN PADDOCKS...3 CONFINED FENCES.....4 CAGE.....5 BAKSET.....6 OTHER, SPECIFY....7	12. Has this household practiced any controlled mating or other breeding strategy for [ANIMAL] in the past 12 months? YES.....1 NO.....2 (▶NEXT SECTION)	13. What have been the main controlled mating or breeding strategies used by this household for [ANIMAL] in the past 12 months? USE CODES BELOW LIST UP TO TWO 1 2

1	J	F	M	A	M	J	J	A	S	O	N	D							
2	J	F	M	A	M	J	J	A	S	O	N	D							
3	J	F	M	A	M	J	J	A	S	O	N	D							
4	J	F	M	A	M	J	J	A	S	O	N	D							
5	J	F	M	A	M	J	J	A	S	O	N	D							
6	J	F	M	A	M	J	J	A	S	O	N	D							

BREEDING CODES FOR Q13

NONE.....1
 NATURAL MATING,
 SIRE SELECTED FROM WITHIN HERD.....2
 NATURAL MATING, SIRE PURCHASED.....3
 NATURAL MATING, SIRE EXCHANGED.....4
 ARTIFICIAL INSEMINATION.....5
 DAM PURCHASED.....6
 DAM EXCHANGED.....7
 NONE BREEDING MALES CASTRATED.....8
 OTHER, SPECIFY.....9

SECTION 6. MILK

C O D E	1	2	3	4		5		6	7
	How many [ANIMAL] were milked in the last 12 months? NUMBER	How many months on average, were [ANIMAL] milked for? MONTHS	What was the average milk production per day per milked [ANIMAL] during this period? INCLUDE ALL CONSUMED, SOLD AND PROCESSED MILK LITRES	During this period in which month was milk production per animal the highest? MONTH	LITRES/DAY	During this period in which month was milk production per animal the lowest? MONTH	LITRES/DAY	In general, were your [ANIMAL] suckling during the time the [ANIMAL] were being milked? LIMITED SUCKLING...1 UNLIMITED SUCKLING...2	During this period, how much of the milk produced by [ANIMAL] was consumed by your household each day either in the form of liquid milk? LITRES/DAY
1									
2									
3									
4									
5									
6									

C O D E	8	9	10	11	12		13	
	During this period, how many litres of [ANIMAL] liquid milk did you sell per day?	During this period, how much milk did you convert each day into processed dairy products?	How much of this production of processed dairy products did you sell per day?	How much did you earn on average per day from these sales of milk and processed dairy products?	Where did you sell most of the milk and processed dairy products from [ANIMAL] that you sold?		Who in your household decided what to do with these earnings?	
	LITRES/DAY	LITRES/DAY	LITRES/DAY	TSH/DAY	LIST UP TO TWO NETWORK ROSTER ID		LIST UP TO TWO FROM HOUSEHOLD ROSTER	
		IF 0 ►11			1	2	ID #1	ID #2
1								
2								
3								
4								
5								
6								

SECTION 7. ANIMAL POWER & DUNG

C O D E	1. Has this household made any use of the dung produced by [ANIMAL] in the past 12 months?	2. What have been the major uses of the dung from [ANIMAL] in the last 12 months? LIST UP TO TWO MANURE.....1 ▶4 COOKING FUEL.....2 ▶4 FEED TO OTHER ANIMALS..3 ▶4 CONSTRUCTION OF BUILDING.....4 ▶4 SALES.....5 OTHER, SPECIFY...6 ▶4	3. What was the total value of sales of the dung from [ANIMAL] in the last 12 months?	4. What was the total quantity of dung produce [ANIMAL] over the last 12 months? WRITE '99' IF ANIMALS WERE LEFT TO GRAZE ON FIELD KG.....1 LITER..2	5. Has this household used any of its [ANIMAL] for its own transport (persons, crops, etc.) in the past 12 months?	6. Has this household used any of its [ANIMAL] for ploughing its own field in the past 12 months?
	YES...1 NO...2 ▶5	1 2	TSH	QUANTITY UNIT	YES...1 NO...2	YES...1 NO...2
1						
2						
3						
4						
5						
6						

ANIMALS FLAP

C O D E		<p>DID THE HOUSEHOLD OWN ANY OF [ANIMAL]?</p> <p>YES...1 NO...2</p>
	ANIMAL	

1	LARGE RUMINANTS Bulls, cows, steers, heifers, male calves, female calves	
2	SMALL RUMINANTS Goats, sheep	
3	PIGS	
4	POULTRY Chickens, ducks, etc	
5	DONKEYS	
6	DOGS	

SECTION 8. OTHER LIVESTOCK PRODUCTS

C O D E		1. Did your households produce any [PRODUCT] in the last 12 months?	2. During the last 12 months, for how many months did your household produce any [PRODUCT]?	3. During these months, what was the average quantity of [PRODUCT] produced per month?	4. Did you sell any of the [PRODUCT] that you produced in the last 12 months?	5. How much of the [PRODUCT] produced did you sell in the last 12 months?	6. What was the total value of the sale of [PRODUCT] in the last 12 months?	7. Where did you sell most of the [PRODUCT] that you sold?	8. Who in your household decided what to do with these earnings?
		YES...1 NO...2 (▶NEXT ITEM)	MONTH	LITRES...1 KG.....2 PIECES...3 QUANTITY UNIT	YES...1 NO...2 (▶NEXT ITEM)	LITRES...1 KG.....2 PIECES...3 QUANTITY UNIT	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1 2	ID #1 ID #2
1	EGGS								
2	HONEY								
3	SKIN/HIDES								
4	OTHER								

9. REFER TO PAGE 2, Q23: DID ANYONE IN THE HOUSEHOLD ENGAGE IN FISHING, FISH TRADING, OR FISH PROCESSING IN THE LAST 12 MONTHS?

YES...1

NO...2 → **FILL OUT TIME FINISHED. DO NOT FILL OUT SECTIONS 9-13**

TIME FINISHED

:

SECTION 9. FISHERY - HOUSEHOLD LABOUR

1. During the last 12 months, how many of these months did you, or someone in your household, engage in fishing, fish trading, or fish processing activities?	Please list the members of your household who were involved in <u>fishing</u> during the last 12 months. This includes those <u>fishing</u> , <u>fish processing</u> or <u>fish trading</u> , full or part time.	FISHING			FISH PROCESSING (SELF-CAUGHT SALES)			FISH TRADING (RE-SELLING OF OTHERS' CATCH)		
		2. How many total <u>weeks</u> was [NAME] a <u>fisher</u> during the last 12 months? During those weeks, approximately how many <u>days per week</u> did [NAME] fish? During those days, approximately how many <u>hours per day</u> did [NAME] fish?	3. FISH PROCESSING IS DEFINED AS SELLING DIRECTLY TO CONSUMERS OR FISH TRADERS (I) FRESH FISH CAUGHT BY THE HOUSEHOLD, AND (II) PROCESSED FISH CAUGHT BY THE HOUSEHOLD, WHICH MAY HAVE BEEN SUBJECT TO TECHNIQUES SUCH AS SMOKING, SUN-DRYING, AND SALTING. FISH PROCESSING AND FISH TRADING ARE NOT MUTUALLY EXCLUSIVE. How many total <u>weeks</u> did [NAME] engage in <u>fish processing</u> during the last 12 months? During those weeks, approximately how many <u>days per week</u> did [NAME] process fish? During those days, approximately how many <u>hours per day</u> did [NAME] process fish? RECORD ZERO IN ALL COLUMNS IF [NAME] DID NOT ENGAGE IN FISH PROCESSING DURING THE LAST 12 MONTHS. MAX NUMBER OF WEEKS/YEAR: 52 WEEKS MAX NUMBER OF DAYS/WEEK: 7 DAYS MAX NUMBER OF HOURS/DAY: 24 HOURS	4. FISH TRADING IS DEFINED AS SELLING (IN WHOLESALE OR RETAIL) FRESH OR PROCESSED FISH BOUGHT FROM OTHER FISHERS OR FISH PROCESSORS. SELLING FISH CAUGHT BY THE HOUSEHOLD SHOULD NOT BE CONSIDERED AS FISH TRADING BUT AS FISH PROCESSING . How many total <u>weeks</u> did [NAME] engage in <u>fish trading</u> during the last 12 months? During those weeks, approximately how many <u>days per week</u> did [NAME] trade fish? During those days, approximately how many <u>hours per day</u> did [NAME] trade fish? RECORD ZERO IN ALL COLUMNS IF [NAME] DID NOT ENGAGE IN FISH TRADING DURING THE LAST 12 MONTHS. MAX NUMBER OF WEEKS/YEAR: 52 WEEKS MAX NUMBER OF DAYS/WEEK: 7 DAYS MAX NUMBER OF HOURS/DAY: 24 HOURS						
MONTHS	HH ROSTER ID CODE	NUMBER OF WEEKS	DAYS / WEEK	HOURS / DAY	NUMBER OF WEEKS	DAYS / WEEK	HOURS / DAY	NUMBER OF WEEKS	DAYS / WEEK	HOURS / DAY
1										
2										
3										
4										
5										
6										
7										
8										
9										

SECTION 10. FISHERY - HIRED LABOUR

R O W I D	1. How many fishing men and/or children did you hire during the last 12 months? How many weeks did each of these labourers work for you during the last 12 months? IF THERE WERE SEVERAL GROUPS OF HIRED MEN AND/OR CHILDREN THAT WORKED FOR DIFFERENT NUMBER OF WEEKS, USE AS MANY ROWS AS NECESSARY TO CAPTURE DIFFERENT LEVELS OF LABOR INPUT BY DIFFERENT GROUPS OF LABOURERS. RECORD ZERO IN ALL COLUMNS IF NONE HIRED, AND ► SECTION 11 IF JOINT HIRING WAS DONE WITH A PARTNER, DESCRIBE THE LABOUR HIRED FOR THE ENTIRE BOAT, NOT JUST YOUR SHARE.				2. Did you pay these workers a fixed wage? YES . . . 1 NO . . . 2 ►4		3. What was each of the workers paid per week? IF THESE FIXED WAGES WERE DAILY, ASSIST RESPONDENT TO ESTIMATE THE WEEKLY EQUIVALENT.		4. As part of the remuneration for hired workers, did you pay these hired workers with fish as a share of the boat catch? YES . . . 1 NO . . . 2 ►6		5. On average per week, what quantity of fish did you pay to each hired workers during the last 12 months? IF THE RESPONDENT CAN NOT DETAIL THE SHARE PAID TO EACH INDIVIDUAL HIRED WORKER, ASK THEM TO ESTIMATE THE AGGREGATE SHARE PAID TO ALL HIRED WORKERS (AS A WHOLE) PER WEEK AND DIVIDE BY THE NUMBER OF HIRED WORKERS. CODES FOR FISH QUANTITY UNITS: PIECE 1 DOZEN/BUNDLE . . . 2 KILOGRAM 3 5 KG BAG 4 10 KG BAG 5 25 KG BAG 6 SMALL BASKET . . . 7 LARGE BASKET . . . 8 OTHER (SPECIFY) 9				6. As part of the remuneration for hired workers, did you pay these hired workers with cash as a share of the boat revenue? YES . . . 1 NO . . . 2 ►8		7. On average per week, how much cash as a share of the boat revenue did you pay to each hired worker during the last 12 months?		8. During the last 12 months, did you pay the hired workers any other in kind benefit such as meals, cigarettes, etc.? ESTIMATE THE CASH VALUE OF IN-KIND BENEFIT PER WEEK PER WORKER. IF NO OTHER BENEFITS RECORD ZERO ► NEXT SECTION	
	NUMBER OF ADULTS	NUMBER OF WEEKS / ADULT	NUMBER OF CHILDREN	NUMBER OF WEEKS / CHILD	ADULT: TSH / ADULT / WEEK	CHILD: TSH / CHILD / WEEK	ADULT: QUANTITY / ADULT / WEEK	UNITS	CHILD: QUANTITY / CHILD / WEEK	UNITS	ADULT: TSH	CHILD: TSH	ADULT: TSH / ADULT / WEEK	CHILD: TSH / CHILD / WEEK						
1																				
2																				
3																				
4																				
5																				

SECTION 11. FISHING INPUTS

FISHING GEAR		1	2.	3.	4.	5.	6.	7.	8.
G E A R I D		Did any household member involved in fishing activities during the last 12 months use any [FISHING GEAR]?	How many [FISHING GEAR] were operated by your household during the last 12 months?	For how many weeks during the last 12 months did you use/operate [FISHING GEAR]?	How many [FISHING GEAR] are owned by your household?	If you or any member of your household engaged in fishing had to purchase a [FISHING GEAR], how much would you have paid during the last 12 months?	How many units of [FISHING GEAR] did you or any member of your household purchase during the last 12 months? RECORD 0 IF NO UNITS PURCHASED	What were the total costs of fuel, oil and maintenance per week for [FISHING GEAR] operated during the last 12 months?	How much did your household pay to rent [GEAR] for use in the last 12 months? RECORD 0 IF NONE RENTED
	FISHING GEAR	YES...1 NO...2 ▶NEXT	NUMBER	WEEKS	NUMBER	TSH/UNIT	NUMBER	COST (TSH/BOAT/WEEK)	TSH
1	usipa(mosquito)net								
2	kambuzi(beach)seine								
3	mbedza(long /hand line)								
4	mbuka/ntaya/ukonde (gillnet)								
5	mono(fish traps)								
6	chavi / kokoro (castnet)								
7	madema (large fish trap)								
8	mtanbo wa usiko (network of small nets)								
9	bwato (dugout)								
10	plankboat								
11	mashua (outboard engine)								
12	ngalawa (twin-hull boat)								
13	Other, specify _____								
14	Other, specify _____								

OTHER COSTS

I N P U T I D	<p>9. Did you purchase any of the following items during the last 12 months?</p> <p>PROBE FOR OTHER INPUT EXPENSES, BUT EXCLUDE PURCHASE, RENTAL OR OPERATING COSTS OF GEARS/BOATS/ENGINES, AND EXPENDITURES FOR WORKERS HIRED FOR FISHING ACTIVITIES.</p> <p style="text-align: right;">YES...1 NO...2 ▶NEXT ITEM</p>		<p>10. What were the costs during the last 12 months?</p> <p style="text-align: center;">UNIT DAY.....1 WEEK....2 MONTH...3 YEAR....4</p>	
	TSH		UNIT	
1	Taxes			
2	Licenses			
3	Auction Fees			
4	Other Fees (ie Market, etc)			
5	Wicks			
6	Rent for Storage			
7	Transportation			
8	Buoys			
9	Thread for Net Sewing			
10	Beeswax / Sealant (karafat)			
11	Lubricant/Oil (mafuta)			
12	Chicken wire (cha cha)			
13	Other, specify _____			

SECTION 12. FISHERIES OUTPUT

1. Have you, or anyone in your household, caught any fish in the last 12 months, either for sale, preservation, or home consumption?

YES...1
NO...2 ▶NEXT SECTION

	FISH / SPECIES	LOCATION	METHOD	TOTALS									
FISH CAUGHT ID	<p>2. Please list up to <u>five main species</u> of fish that you or any member of your household have landed as a fisher during the last 12 months.</p> <p><u>TYPE OF FISH:</u> CHAFI...01 PAPA...19 CHANGU...02 PEREGE...20 CHEWA...03 PONO...21 DAGAA...04 PWEZA...22 DAMU DAMU.05 SANGARA...23 KAMBA...06 SATO...24 KAMBALE...07 SEHEWA...25 KOLEKOLE..08 TASI...26 LUPAPA...09 VIBUA...27 LUKUMBU...10 KANDA/ MIGEBUKA..11 GADAYO..28 MKIZI...12 HONGWE...29 MKUNDAJI..13 KALMAMBA.30 MUMI.....14 CHAA...31 NGURU...15 KAA...32 JODARI...16 OTHER, KITOGA...17 SPECIFY.33 KAMONGO...18</p>												
	<p>3. Where do you mainly fish for [FISH SPECIES]?</p> <p>RECORD THE ANSWER IN WORDS THEN USE THE CODES BELOW.</p> <p><u>CODES FOR LOCATIONS:</u> OCEAN.....1 LAKE VICTORIA.....2 LAKE NYASA.....3 LAKE TANGANYIKA...4 LAKE RUKWA.....5 SMALLER LAKE.....6 RESEVOIR/ DAM.....7 POND (NATURAL)...8 POND (ARTIFICIAL)..9 RIVER.....10 STREAM.....11 OTHER (SPECIFY)...12</p>												
	<p>4. What method of fishing did you use to catch [FISH SPECIES] in the last 12 months?</p> <p><u>CODES FOR FISHING METHODS:</u> HOOK FISHING....1 TRAWLING NET FISHING.....2 STATIONARY NET FISHING.....3 UZIO FISHING....4 OVERNIGHT FISHING TRAP.....5 OTHERS (SPECIFY).....6</p>												
	<p>5. How much [FISH SPECIES] did you, other members of your household and/or any hired fishers catch in TOTAL during the last 12 months?</p> <p>IF NONE, WRITE '0'.</p> <p><u>CODES FOR FISH QUANTITY UNITS:</u> PIECE1 DOZEN/BUNDLE.2 KILOGRAM.....3 5 KG BAG....4 10 KG BAG....5 25 KG BAG....6 SMALL BASKET.7 LARGE BASKET.8 OTHER (SPECIFY)....9</p>												
	<p>6. How much [FISH SPECIES] did you and/or other members of your household preserve for later sale in TOTAL during the last 12 months?</p> <p>What was the method you used to preserve the [FISH/SPECIES]?</p> <p>THESE FIGURES SHOULD BE BASED ONLY ON THE FRESH AND/OR PROCESSED FISH THAT WERE CAUGHT BY EITHER THE MEMBERS OF THE HOUSEHOLD OR FISHERS THAT WERE HIRED BY THE HOUSEHOLD.</p> <p>RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.</p> <p><u>CODES FOR FISH QUANTITY UNITS:</u> PIECE1 DOZEN/BUNDLE..2 KILOGRAM.....3 5 KG BAG.....4 10 KG BAG.....5 25 KG BAG.....6 SMALL BASKET...7 LARGE BASKET...8 OTHER (SPECIFY).....9</p> <p><u>CODES FOR PROCESSING:</u> FRESH.....1 SUN-DRIED...2 SMOKED.....3 ICED.....4 OTHER (SPECIFY)...5</p>												
					PROCESSING TYPE # 1			PROCESSING TYPE # 2					
	NAME	CODE	LOCATION	CODE	CODE	NUMBER	UNIT	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.
1													
2													
3													
4													
5													

FISH CAUGHT ID	CATCHES			FISH PROCESSING						SALES	
	7. How many <u>weeks</u> have you or any member of your household landed [FISH SPECIES] during the last 12 months?	8. How much [FISH SPECIES] did you, other members of your household and/or any hired fishers <u>catch on average per week</u> during the last 12 months? <u>CODES FOR FISH QUANTITY UNITS:</u> PIECE1 DOZEN/BUNDLE..2 KILOGRAM.....3 5 KG BAG.....4 10 KG BAG....5 25 KG BAG....6 SMALL BASKET.7 LARGE BASKET.8 OTHER (SPECIFY)9		9. How many <u>weeks</u> have you or any member of your household processed (smoked, dried, frozen, etc) [FISH SPECIES] during the last 12 months?	10. How much [FISH SPECIES] did you and/or other members of your household preserve for later sale <u>on an average week</u> during the last 12 months? What was the method you used to preserve the [FISH/SPECIES]? THESE FIGURES SHOULD BE BASED ONLY ON THE FRESH AND/OR PROCESSED FISH THAT WERE CAUGHT BY EITHER THE MEMBERS OF THE HOUSEHOLD OR FISHERS THAT WERE HIRED BY THE HOUSEHOLD. RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2. <u>CODES FOR FISH QUANTITY UNITS:</u> PIECE1 DOZEN/BUNDLE..2 KILOGRAM.....3 5 KG BAG.....4 10 KG BAG.....5 25 KG BAG.....6 SMALL BASKET...7 LARGE BASKET...8 OTHER (SPECIFY)9 <u>CODES FOR PROCESSING:</u> FRESH.....1 SUN-DRIED..2 SMOKED.....3 ICED.....4 OTHER (SPECIFY) ..5						11. For how many <u>weeks</u> did you sell [FISH SPECIES] during the last 12 months?
	NUMBER	UNIT	NUMBER OF WEEKS	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	
1											
2											
3											
4											
5											

FISH CAUGHT ID

HOME CONSUMPTION

FINAL CHECK

12. How much [FISH SPECIES] did you and/or other members of your household sell on average per week during the last 12 months?
 During the weeks of operation, what was the average price per quantity unit?
 THESE FIGURES SHOULD BE BASED **ONLY** ON THE FRESH AND/OR PROCESSED FISH THAT WERE CAUGHT BY EITHER THE MEMBERS OF THE HOUSEHOLD OR FISHERS THAT WERE HIRED BY THE HOUSEHOLD.
RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING.
IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.

CODES FOR FISH QUANTITY UNITS:
 PIECE1
 DOZEN/BUNDLE...2
 KILOGRAM.....3
 5 KG BAG.....4
 10 KG BAG.....5
 25 KG BAG.....6
 SMALL BASKET...7
 LARGE BASKET...8
 OTHER (SPECIFY)9

CODES FOR PROCESSING:
 FRESH.....1
 SUN-DRIED..2
 SMOKED.....3
 ICED.....4
 OTHER (SPECIFY) ..5

13. How much [FISH SPECIES] caught by you and/or other members of your household during the last 12 months were kept on average per week for household consumption?
 RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING.
 IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.

CODES FOR FISH QUANTITY UNITS:
 PIECE1
 DOZEN/BUNDLE...2
 KILOGRAM.....3
 5 KG BAG.....4
 10 KG BAG.....5
 25 KG BAG.....6
 SMALL BASKET...7
 LARGE BASKET...8
 OTHER (SPECIFY)9

CODES FOR PROCESSING:
 FRESH.....1
 SUN-DRIED..2
 SMOKED.....3
 ICED.....4
 OTHER (SPECIFY) ..5

14. Overall, during the last 12 months, what share of the total [FISH SPECIES] catch did you keep for your own family consumption?
READ RESPONSES

Almost none.....1
 1/4.....2
 1/2.....3
 3/4.....4
 Almost all.....5

15. **ENUMERATOR:** FOR EACH SPECIES, THE AMOUNT LANDED / WEEK SHOULD BE APPROXIMATELY EQUAL TO THE AMOUNT SOLD PER WEEK + PRESERVED + SELF-CONSUMED PER WEEK.
 IF NOT, ASK THE RESPONDENT TO ADJUST HIS/HER ESTIMATION AND INDICATE BELOW THE REASON FOR THE DISCREPANCY BETWEEN THE TWO CATCH ESTIMATES.
 YES, THE FIGURES MATCHED.....1
 NO, THE ENTRIES WERE ADJUSTED.....2

FISH CAUGHT ID	PROCESSING TYPE # 1				PROCESSING TYPE # 2				PROCESSING TYPE # 1			PROCESSING TYPE # 2		
	QUANTITY SOLD	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY SOLD	UNIT	FORM OF PROCESS.	PRICE (TSH)	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.
1														
2														
3														
4														
5														

TEXT:

SECTION 12. FISHERIES OUTPUT

FISH / SPECIES

2.
Please list up to five main species of fish that you or any member of your household have landed as a fisher during the last 12 months.

FISH CAUGHT ID		
	NAME	CODE
	1	
	2	
	3	
	4	
5		

SECTION 13. FISH TRADING

1. Have you, or anyone in your household, engaged in fish trading in the last 12 months?

YES . . . 1
NO . . . 2 ►END

FISH CAUGHT ID			PURCHASES								SALES															
	2.		3.								4.															
	Please list up to <u>five main species</u> of fish that you or any member of your household sold as part of your fish trading business.		During the last 12 months, how much [FISH SPECIES] did you or any member of your household <u>purchase</u> from other fishers and/or fish processors on <u>average per week</u> as part of your fish trade business? During the weeks of operation, what was the <u>average price</u> per packaging unit? RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.								During the last 12 months, how much [FISH SPECIES] did you or any member of <u>sell on average per week</u> as part of your fish trade business? During the weeks of operation, what was the <u>average price</u> per packaging unit? RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.															
	<p><u>TYPE OF FISH:</u></p> <p>CHAFI 01 PAPA 19 CHANGU 02 PEREGE 20 CHEWA 03 PONO 21 DAGAA 04 PWEZA 22 DAMU DAMU 05 SANGARA 23 KAMBA 06 SATO 24 KAMBALE 07 SEHEWA 25 KOLEKOLE 08 TASI 26 LUPAPA 09 VIBUA 27 LUKUMBU 10 KANDA/ MIGEBUKA 11 GADAYO 28 MKIZI 12 HONGWE 29 MKUNDAJI 13 KALMAMBA 30 MUMI 14 CHAA 31 NGURU 15 KAA 32 JODARI 16 OTHER, KITOGA 17 SPECIFY 33 KAMONGO 18</p>		<p><u>CODES FOR FISH QUANTITY UNIT:</u></p> <p>PIECE 1 DOZEN/BUNDLE 2 KILOGRAM 3 5 KG BAG 4 10 KG BAG 5 25 KG BAG 6 SMALL BASKET 7 LARGE BASKET 8 OTHER (SPECIFY) 9</p>								<p><u>CODES FOR FISH QUANTITY:</u></p> <p>PIECE 1 DOZEN/BUNDLE 2 KILOGRAM 3 5 KG BAG 4 10 KG BAG 5 25 KG BAG 6 SMALL BASKET 7 LARGE BASKET 8 OTHER (SPECIFY) 9</p>								<p><u>CODES FOR PROCESSING:</u></p> <p>FRESH 1 SUN-DRIED 2 SMOKED 3 ICED 4 OTHER (SPECIFY) 5</p>							
			PROCESSING TYPE # 1				PROCESSING TYPE # 2				PROCESSING TYPE # 1				PROCESSING TYPE # 2											
	NAME	CODE	QUANTITY	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY	UNIT	FORM OF PROCESS.	PRICE (TSH)								
1																										
2																										
3																										
4																										
5																										

SECTION 13. FISH TRADING

		5. Did your household have <u>any costs</u> for [COST ITEM] in relation to your fish trading activities during the last 12 months? YES . . 1 NO . . . 2 ►NEXT COST ITEM	6. How much did your household have to <u>pay</u> for [COST ITEM] on a <u>weekly basis</u> during the last 12 months? TSH/WEEK
	COST ITEM		
1	Hired Labour		
2	Transport		
3	Packaging		
4	Ice		
5	Tax		
6	Other (Specify) _____		

NETWORK ROSTER CARD

ID	1. NAME	2. CODE	3. LOCATION
LF1			
LF2			
LF3			
LF4			
LF5			
LF6			
LF7			
LF8			
LF9			
LF10			
LF11			
LF12			
LF13			
LF14			
LF15			

CODES FOR Q2
 RELATIVE.....1
 NEIGHBOR.....2
 FRIEND.....3
 MARKET.....4
 OPEN MARKET.....5
 COOPERATIVE UNION..6
 FARMERS PARTY.....7
 MAIN PLOT/FARM.....8
 PRIVATE BUSINESS
 PERSON.....9
 MAIN MARKET.....10
 BUSINESS CONTACT...11
 ABATTORI/FACTORY...12
 EMPLOYER.....13
 RELIGIOUS
 INSTITUTION.....14
 BANK (COMMERCIAL)..15
 GROCERY/LOCAL
 MERCHANT.....16
 MONEY LENDER.....17
 NGO.....18
 DISTRIBUTION
 OFFICER.....19
 OTHER, SPECIFY....20

CODES FOR Q3
 WITHIN THE VILLAGE..1
 NEAR THE VILLAGE...2
 NEAR THE TOWN.....3
 OTHER DISTRICT.....4
 OTHER REGION.....5
 ACROSS THE BORDER...6

TIME FINISHED:

:
