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NATIONAL PANEL SURVEY

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FISHERY QUESTIONNAIRE

SECTION A-1: HOUSEHOLD	DENTI	FICAT	<u>ION</u>												
		CODE					NAME						K WITH RMS BE		
1. REGION:						 		 	 			FORM	THAN T	LLECT	
2. DISTRICT]		-		 		 	 		HOU	SEHOL	TION F .D. IF S THE SA	O, BE	SURE
3. WARD						 		 	 		-	R FOR	MS USI DUSEHO	ED FOF	
4. VILLAGE/ENUMERATION AREA						 		 	 					,	
5. KITONGOJI OR MTAA NAME						 		 	 						
7. HOUSEHOLD ID (FROM LIST) :						 		 	 		FO	RM	_ OF _	TO	TAL
8. NAME OF HOUSEHOLD HEAD:						 		 	 						·
9. FULL HOUSEHOLD IDENTIFICATI	ION FRO	OM NPS	YEAR '	1											

8 NAME OF INTERVIEWER			OBSERVATIONS ON THE INTERVIEW RECORD GENERAL NOTES ABOUT THE INTERVIEW AND RECORD ANY SPECIAL INFORMATION
9 INTERVIEWER ID			THAT WILL BE HELPFUL FOR SUPERVISORS AND THE ANALYSIS OF THIS QUESTIONNAIRE.
10 START TIME (SWAHILI)	:		
11 DATE OF INTERVIEW	/ /	(ENUMERATOR: ►NEXT PAGE)	
12 NAME OF SUPERVISOR			
13 SUPERVISOR ID			
14 DATE OF QUESTIONNAIRE INSPECTION	/ /		
15 NAME OF DATA ENTRY CLERK			
16 DATA ENTRY CLERK ID			
17 DATE OF DATA ENTRY	/ /		
18 2ND DATA ENTRY CLERK ID			
19 DATE OF 2ND DATA ENTRY	/ /		

TABLE OF CONTENTS

MODULE B: FISHERIES CALENDAR

MODULE C: HOUSEHOLD LABOUR (LAST HIGH SEASON)

MODULE D: FISHERIES LABOUR (LAST HIGH SEASON)

MODULE E: FISHERIES INPUT (LAST HIGH SEASON)

MODULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

MODULE G: GEAR RENTED OUT (LAST HIGH SEASON)

MODULE H: FISH TRADING (LAST HIGH SEASON)

MODULE I: HOUSEHOLD LABOUR (LAST LOW SEASON)

MODULE J: FISHERIES LABOUR (LAST LOW SEASON)

MODULE K: FISHERIES INPUT (LAST LOW SEASON)

MODULE L: FISHERIES OUTPUT (LAST LOW SEASON)

MODULE M: GEAR RENTED OUT (LAST LOW SEASON)

MODULE N: FISH TRADING (LAST LOW SEASON)

MODULE	B: FISHER	RIES CALE	NDAR											
ENUMERATE EXPERIENCE					ERS THE FOI	LLOWING QU	JESTIONS BE	LOW BASED	ON <u>HIS OW</u>	N INDIVIDUA	<u>.L</u>			
Which mo	. For your household, which are the months where you fish the most (HIGH season)? Which months that you fish less (LOW season)? And in which months is there almost no fishing? **NUMERATOR: RECORD STATUS OF EACH MONTH AS H (HIGH), L (LOW) OR N (NO FISHING). IF THE RESPONDENT CLAIMS THAT THERE ARE NO													
DISTINCT H	NUMERATOR: RECORD STATUS OF <u>EACH</u> MONTH AS H (HIGH), L (LOW) OR N (NO FISHING). IF THE RESPONDENT CLAIMS THAT THERE ARE NO ISTINCT HIGH VS. LOW SEASON MONTHS, RECORD H (HIGH) FOR MONTHS IN WHICH ANY FISHING TAKES PLACE, AND <u>ONLY</u> ADMINISTER THE IGH-SEASON RELATED MODULES.													
Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec			
				FISHING TOC SEASON MC		YE	UNITY, WAS I	HE RESPON	IDENT					

MODULE C: HOUSEHOLD LABOUR (LAST HIGH SEASON)

	FULL-TIME	ULL-TIME FISHING PART-TIME FISHING				FISH PROCESS	SING (SELF-CAU	GHT SALES)	FISH TRADING (RE-SELLING OF OTHERS CATCH)				
Please list the members of your household who were involved in fishing during the last last HIGH fishing season. This includes those fishing, fish processing or fish trading, full or part time.	FULL-TIME FISHING 1. FULL-TIME FISHERS ARE MEMBERS OF THE HOUSEHOLD WHO SPENT AT LEAST 90% OF THEIR WORKING TIME FISHING DURING THE LAST HIGH SEASON. How many total weeks was [NAME] a full-time fish during the last HIGH fishing season? During those weeks, approximately how many day per week did [NAME] fish? During those days, approximately how many hours per day did [NAME] fish? RECORD ZERO IN ALL COLUMNS IF [NAME] WAS NOT A FULL TIME FISHER DURING THE LAST HIGH FISHING SEASON. NUMBER OF DAYS / WEEK HOURS / DAWEEKS		EAST 90% OF DURING THE a full-time fisher how many days how many hours S IF [NAME]	during the last HIC During those week week did [NAME] p	O ENGAGED PRII JES DURING THE ENT SOME TIME F BEEKS WAS [NAME] a H fishing season? s, approximately hoart-time fish? A PRIVATE AND A COLUMNS I E FISHER DURING	MARILY IN NON- LAST HIGH FISHING. a part-time fisher ow many <u>days per</u> w many <u>hours per</u>	CONSUMERS OR FIS THE HOUSEHOLD, AN THE HOUSEHOLD, WITECHNIQUES SUCH ASALTING. FISH PROCESSING A EXCLUSIVE. How many total weeks during the last HIGH fis During those weeks, application of the process fish? During those days, application of the process fish? RECORD ZERO IN AL	ND (II) PROCESSED FI HICH MAY HAVE BEEI AS SMOKING, SUN-DF ND FISH TRADING AF did [NAME] engage in	H FISH CAUGHT BY SH CAUGHT BY N SUBJECT TO RYING, AND HE NOT MUTUALLY Hish processing days per week did Hours per day did HOURS DID NOT	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 weeks did [NAME] engage in fish trading during the last HIGH fishing season? During those weeks, approximately how many days per week did [NAME] trade fish? During those days, approximately how many hours per day did [NAME] trade fish? RECORD ZERO IN ALL COLUMNS IF [NAME] DID NOT ENGAGE IN FISH TRADING DURING THE LAST HIGH FISHING SEASON.			
HH ROSTER ID CODE		DAYS / WEEK	HOURS / DAY	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													

MODULE D: FISHERIES LABOUR (LAST HIGH SEASON)

SHARED LABO	UR / EXPEN	SES			HIRED L	ABOUR
1.	2.	3.	4.	5.	6.	
, ,		What percentage of the total input expenses were you responsible for (including boat rental, licenses, bait, tackle, petrol, nets, etc.)?	(either by yourself,	What percentage of the catch was allotted to you (either to be sold or consumed)?	the last H How man you during IF THERE AND/OR NUMBER NECESS. LABOR II LABOUR NONE HI IF JOINT DESCRIE	y fishing my IGH fishing y weeks did g the last H E WERE SE CHILDREN ARY TO CANPUT BY CERS. RECORED, AND HIRING WEET HE LAI OT JUST Y
	NUMBER	PERCENTAGE	PERCENTAGE	PERCENTAGE	NUMBER OF ADULTS	NUMBER WEEKS / 2

	y fishing men and IGH fishing seaso		d you hire during
	y weeks did each g the last HIGH fis		
AND/OR NUMBER NECESS, LABOR II LABOUR NONE HI IF JOINT DESCRIE	E WERE SEVERA CHILDREN THAT OF WEEKS, USI ARY TO CAPTUR NPUT BY DIFFER ERS. RECORD ZI RED, AND ▶ 7. HIRING WAS DO BE THE LABOUR OT JUST YOUR S	WORKED F E AS MANY F EE DIFFEREN ENT GROUF ERO IN ALL ONE WITH A I HIRED FOR	OR DIFFERENT ROWS AS IT LEVELS OF PS OF COLUMNS IF PARTNER,
NUMBER OF ADULTS	NUMBER OF WEEKS / ADULT	NUMBER OF CHILDREN	NUMBER OF WEEKS / CHILD

HIRED LAB	OUR										
7.	8.	9.	10.				11.	12.		13.	
	What was <u>each</u> of the workers paid <u>per week</u> ?		On <u>average per week</u> , to each hired workers			ing	As part of the remuneration for hired		ash as a	During the last HI season, did you p workers any othe	ay the hired
fixed	IF THESE FIXED WAGES WERE DAILY, ASSIST RESPONDENT TO ESTIMATE THE WEEKLY	n for hired workers, did	IF THE RESPONDENT (TO EACH INDIVIDUAL F	CAN NOT D	DETAIL THE SHA RKER, ASK THEI	RE PAID	workers, did you <u>pay</u>	revenue did y each hired w during the las	you <u>pay</u> to orker	such as meals, ci	garettes, etc.?
	EQUIVALENT.	these hired workers with	ESTIMATE THE AGGRE WORKERS (AS A WHOI NUMBER OF HIRED WO	. =\ ===	EEL AND DUUD	L HIRED		fishing seaso		KIND BENEFIT PE WORKER.	R WEEK PER
		share of the boat catch?	QUESTION 14. CODES FOR FISH				boat revenue?			IF NO OTHER BEN ZERO IN BOTH CO CONTINUE TO NE	LUMNS, AND
YES1 NO2 ▶9		YES1 NO2 ▶11	PIECE DOZEN/BUNDLE. KILOGRAM 5 KG BAG 10 KG BAG 25 KG BAG SMALL BASKET. LARGE BASKET. OTHER (SPECIFY)	2 3 4 5 6 7			YES1 NO2 ▶13				
	ADULT: CHILD: TSH / ADULT / TSH / CHILD / WEEK WEEK		ADULT: QUANTITY/ ADULT / WEEK UN	~	CHILD: QUANTITY / HILD / WEEK	UNITS		ADULT: TSH	CHILD: TSH	ADULT: TSH / ADULT / WEEK	CHILD: TSH / CHILD / WEEK

MODULE E: FISHERIES INPUT (LAST HIGH SEASON)

FI	SHING GEAR						
GEAR ID		HIGH fishing season <u>use</u>	2. How many [FISHING GEAR] were operated by your household during the last HIGH fishing season?	3. How many [FISHING GEAR] are owned by your household?	4. 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 HIGH fishing season?	of your household <u>purchase</u> during the last HIGH	your household pay to rent [GEAR] for use in the last HIGH season?
	FISHING GEAR		OPERATED	OWNED	(TSH/UNIT)	PURCHASED	TSH
Α	usipa(mosquito)net						
В	kambuzi(beach)seine						
С	mbedza(long /hand line)						
D	mbuka/ntaya/ukonde (gillnet)						
Ε	mono(fish traps)						
F	chavi / kokoro (castnet)						
G	madema (large fish trap)						
Н	mtando wa usiku (???)						
I	other, specify						
J	other, specify						

MODULE E: FISHERIES INPUT (LAST HIGH SEASON)

BC	ATS/ENGINES											
BOAT/ENGINE ID		7. Did you or any member of your household involved in fishing activities during the last HIGH season use any [BOAT \ENGINE]?	[BOAT/ ENGINE] were <u>operated</u> by your household	of [BOAT/ ENGINE] are <u>owned</u> by your house- hold?	10. If you or any member of your		your household pay to rent [BOAT/ ENGINE] for use in the last		13. What were the total costs of fuel and oil for [BOAT/ENGINE] operated during the last HIGH fishing season? RECORD ZERO IF NONE		the last	st of ance AT/ E] d during HIGH season? D ZERO
	BOAT/ENGINE	NO2 ►NEXT BOAT/ENGINE	NUMBER	NUMBER	VALUE	NUMBER	Weel Seas	1 son3	Wee: Sea:	1 k2 son3	Week Seas	1 22 30n3
Α	bwato (dugout)		OPERATED	OWNED	(TSH/UNIT)	PURCHASED	TSH	UNIT	TSH	UNIT	TSH	UNIT
-	plankboat											
	'											
D	mashua (outboard engine)											
E	ngalawa (twin-hull boat)											
F	other,specify:											
G	other,specify:											

MODULE E: FISHERIES INPUT (LAST HIGH SEASON)

IER COSTS							
		16. What were the the HIGH fishi					
BUT EXCLUDE PURCHASE, OPERATING COSTS OF GEARS/BOATS/ENGINES, A	RENTAL OR	UNIT Day1 Week2 Season3					
NO2 ► NE	XT ROW	Y	ear4				
_		TSH	UNIT				
Taxes							
Licenses							
Auction Fees							
Other Fees (ie Market, etc)							
Wicks							
Rent for Storage							
Transportation							
Buoys							
Thread for Net Sewing							
Beeswax / Sealant (karafat)							
Lubricant/Oil (mafuta)							
Chicken wire (cha cha)							
Other, specify							
	15. Did you purchase any of the feduring the last HIGH fishing so PROBE FOR OTHER INPUT BUT EXCLUDE PURCHASE, OPERATING COSTS OF GEARS/BOATS/ENGINES, A EXPENDITURES FOR WORLFOR FISHING ACTIVITIES. YES.1 NO2 ► NE Taxes Licenses Auction Fees Other Fees (ie Market, etc) Wicks Rent for Storage Transportation Buoys Thread for Net Sewing Beeswax / Sealant (karafat) Lubricant/Oil (mafuta) Chicken wire (cha cha)	Did you purchase any of the following items during the last HIGH fishing season? PROBE FOR OTHER INPUT EXPENSES, BUT EXCLUDE PURCHASE, RENTAL OR OPERATING COSTS OF GEARS/BOATS/ENGINES, AND EXPENDITURES FOR WORKERS HIRED FOR FISHING ACTIVITIES. YES.1 NO2 ► NEXT ROW Taxes Licenses Auction Fees Other Fees (ie Market, etc) Wicks Rent for Storage Transportation Buoys Thread for Net Sewing Beeswax / Sealant (karafat) Lubricant/Oil (mafuta) Chicken wire (cha cha)	15. Did you purchase any of the following items during the last HIGH fishing season? PROBE FOR OTHER INPUT EXPENSES, BUT EXCLUDE PURCHASE, RENTAL OR OPERATING COSTS OF GEARS/BOATS/ENGINES, AND EXPENDITURES FOR WORKERS HIRED FOR FISHING ACTIVITIES. YES.1 NO2 ► NEXT ROW TSH Taxes Licenses Auction Fees Other Fees (ie Market, etc) Wicks Rent for Storage Transportation Buoys Thread for Net Sewing Beeswax / Sealant (karafat) Lubricant/Oil (mafuta) Chicken wire (cha cha)				

MODULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

1. CHECK MODULE C. WERE ANY HOUSEHOLD MEMBERS ENGAGED IN FISHING IN THE LAST HIGH SEASON, ACCORDING TO QUESTIONS 1 OR 2?

YES1	[
NO2 ► NEXT SECTION		

	FISH / SPECIES	LOCATION	TOTALS FOR					CATCHES						
FISH CAUGHT ID	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 HIGH fishing season. TYPE OF FISH: CHAFI01 PAPA16 CHANGU02 PEREGE17 CHEWA03 PONO18 DAGAA04 PWEZA19 DAMU DAMU.05 SANGARA20 KAMBA06 SATO21 KAMBALE07 SEHEWA22 KOLEKOLE08 TASI23 LUPAPA09 VIBUA24 LUPUMBA10 KANDA/ MIGEBUKA11 GADAYO25 MKIZI12 HONGWE26 MKUNDAJI13 KALMAMBA27 MUMI14 CHAA28 NGURU15 KAKA29 OTHER (SPECIFY)30	3. Where do you mainly fish for [FISH/SPECIES]? RECORD THE ANSWER IN WORDS THEN USE THE CODES BELOW. CODES FOR LOCATIONS: OCEAN	did you, other your househol	members of id and/or any satch in the last season? ITE '0'. R FISH UNITS:	for later sale in TOTAL during the last HIGH fishing season? What was the method you used to preserve the [FISH/SPECIES]? THESE FIGURES SHOULD BE BASED ONLY ON THE FRESH AND/OR PROCESSED						6. How many weeks have you or any member your household landed [FISH SPECIES] during the last HIGH season?	7. How much [FI: SPECIES] did members of you household and hired fishers or average per with the last HIGH season? CODES FOR QUANTITY PIECE DOZEN/BUN KILOGRAM, SK BAG, 10 KG BAG, 25 KG BAG, SMALL BAS LARGE BAS OTHER (SPECIFY)	you, other our liver any atch on eek during fishing R FISH UNITS: 1 IDLE 234 G5 G6 GKET.7 SKET.8	FISH CAUGHT ID
_		,	<u> </u>		PROCE	ESSING T		PROC	ESSING T				!	
	NAME CODE	LOCATION CODE	NUMBER	UNIT	NUMBER	UNIT		NUMBER	UNIT		NUMBER OF WEEKS	NUMBER	UNIT	Щ
1.														1.
2.														2.
3.														3.
4.														4.
5														5

DULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

FISH PROCESSING							SALES								
8. How many weeks have you or any member your household processed (smoked, dried, frozen, etc) [FISH SPECIES] during the last HIGH season?	later sale on an average week during the last HIGH fishing season? What was the method you used to preserve the [FISH/SPECIES]? ed,						10. For how many <u>weeks</u> did you <u>sell</u> [FISH SPECIES] during the last HIGH fishing season?	11. How much [FISH SPECIES] did you and/or other members of your household sell on average per week of the last HIGH fishing season? 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 WE CAUGHT BY EITHER THE MEMBERS OF THE HOUSEHOLD OR FISHERS THAT WERE HIRED BY THOUSEHOLD. RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.							WERE Y THE
	CODES FOR FISH QUANTITY UNITS: PIECE					- 1 2 3		QUANTI PIECE DOZEN/ KILOGF 5 KG F 10 KG 25 KG	FOR FI TY UNI BUNDLE BAG BAG BAG BASKET BASKET	1 2 3 4 5 6		SUN- SMOF ICEI OTHE (SPE	-DRIED. KED	.2 .3	:
	PROCES	SSING TY	/PE # 1	PROCES	SSING TY	PE # 2		PROCESSING TYPE # 1			PRO	PROCESSING TYPE # 2			
NUMBER OF WEEKS	NUMBER UNIT FORM OF PROCESS. NUMBER			NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	QUANTITY SOLD	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY SOLD	UNIT	FORM OF PROCESS.	PRICE (TSH)

MODULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

	HOME CONSU	MPTION						FINAL CHECK
	during the last I consumption?	HIGH fish NTITY FO	ing season were	u and/or other m kept on average DIFFERENT TYF LEAVE BLANK T	per week	13. Overall, during the last HIGH fishing season, what share of the total [FISH SPECIES] catch did you keep for your own family consumption? READ RESPONSES	14. 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.	
FISH CAUGHT ID	CODES F QUANTIT PIECE . DOZEN/B KILOGRA 5 KG BA 10 KG B 25 KG B SMALL B LARGE B OTHER (SPECIF	Y UNIT UNDLE. M G AG AG ASKET.	1 2 3 4 5 6	CODES FOR SUN-DRIED SMOKED ICED OTHER (SPECIFY) FRESH	123	Almost none.1 1/42 1/23 3/44 Almost all5	YES, THE FIGURES MATCHED1	
	PROCES	SSING '	TYPE # 1	PROCE	SSING 1	ГҮРЕ # 2		NO, THE ENTRIES WERE
	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.		ADJUSTED2
1.								
2.								TEXT:
3.								
4.								
5								

MODULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

	FISH / SPECIES	
FISH CAUGHT ID	2. Please list up to five main species of you or any member of your househol landed as a fisher during the last HIG season.	d have
	NAME	CODE
1.		
2.		
3.		
4.		
5		

MODULE G: GEAR RENTED OUT (LAST HIGH SEASON)

		1. During the last HIGH fishing season, did your household rent out any [GEAR] to other fishers? YES1 NO2 >>	household rent out during the	3. How much in total did your household receive for renting out these [GEAR] to other fishers during the last HIGH fishing season? ESTIMATE THE VALUE OF IN-KIND RECEIPTS.
		NEXT GEAR	NUMBER OF	
	GEAR		UNITS	TSH
Α	usipa (mosquito) net			
В	kambuzi (beach) seine			
С	mbedza (long /hand line)			
D	mbuka/ntaya/ukonde (gillnet)			
Ε	mono (fish traps)			
F	chavi / kokoro (castnet)			
G	madema (large fish trap)			
Н	mtanbo wa usiko (network of small nets)			
I	bwato (dugout)			
J	plankboat			
K	mashua (outboard engine)			
L	ngalawa (twin-hull boat)			
М	other,specify:			
N	other,specify:			

MODULE H: FISH TRADING (LAST HIGH SEASON)

1. ENUMERATOR: CHECK MODULE C. WERE ANY HOUSEHOLD MEMBERS ENGAGED IN FISH TRADING IN THE LAST HIGH SEASON, ACCORDING TO QUESTION 4?

YES1			
NO2	>> NEXT	SECTION	

	PURCHASES						SALES							
2.	3.						4.							
Please list up to five main species of	During the last HI	GH fishing season,	how much	FISH SI	PECIES] di	d you	During the	last HIG	H fishing se	ason, h	now much [FISH SP	PECIES] did	d you or
fish that you or any member of your	or any member of	your household pu	ırchase froi	n other f	ishers and/				on average					Í
household sold as part of your fish	,	erage per week as					business?	<u></u>				,		
trading business.	p. 000000.0 <u>0.1 a.v</u>	o.ago po. noon	pair or you.		0 000000	•	200000.							
	During the weeks unit?	of operation, what	was the <u>ave</u>	erage pri	ce per pacl	aging	During the unit?	weeks o	f operation,	what w	as the <u>ave</u>	rage pric	<u>e</u> per pack	aging
<u>TYPE OF FISH:</u> CHAFI01 PAPA16 CHANGU02 PEREGE17		ORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. NLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR						RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR						
CHEWA03 PONO18 DAGAA04 PWEZA19 DAMU DAMU.05 SANGARA20	PROCESSING TYP							NG TYPE	2.					
KAMBA06 SATO21 KAMBALE07 SEHEWA22	CODES FOR FIS	H QUANTITY	CODES FOR	PROCESS	<pre>ING:</pre>		CODES	FOR FISH	H QUANTITY	<u>:</u>	CODES	FOR PRO	CESSING:	
KOLEKOLE08 TASI23 LUPAPA09 VIBUA24 LUPUMBA10 KANDA/	UNIT:		SUN-DRIED. SMOKED					BUNDLE.			SUN-DR SMOKED			
MIGEBUKA11 GADAYO25		ZEN/BUNDLE2 ICED3							KILOGRAM3 ICED3 5 KG BAG4 OTHER					
MKIZI12 HONGWE26	KILOGRAM		OTHER								OTHER			
MKUNDAJI13 KALMAMBA.27	5 KG BAG 10 KG BAG		(SPECIFY). FRESH					BAG BAG			(SPECI FRESH.			
MUMI14 CHAA28 NGURU15 KAKA29	25 KG BAG		rkeon	• 5			-	BASKET.			FRESH.			
NGURU15 KANA29 OTHER	SMALL BASKET.						-	BASKET.						
(SPECIFY).30	LARGE BASKET.	8					OTHER (SPECIFY)	. 9					
	OTHER (SPECIFY).9												
	PROCESS	ING TYPE # 1	PI	ROCESSIN	IG TYPE # 2		Pi	ROCESSIN	G TYPE # 1		Pi	ROCESSIN	IG TYPE # 2	
	QUANTITY UNIT	FORM OF PRICE	QUANTITY	UNIT	FORM OF	PRICE	QUANTITY	UNIT	FORM OF	PRICE	QUANTITY	UNIT	FORM OF	PRICE
NAME CODE	QOANIIII ONII	PROCESS. (TSH)	QUANTITI	ONII	PROCESS.	(TSH)	QUANTITI	ONII	PROCESS.	(TSH)	QUANTITI	ONII	PROCESS.	(TSH)
l l			1											
		 												

DDULE H: FISH TRADING (LAST HIGH SEASON)

	5.	6.
	Did your household have any costs for [COST ITEM] in relation to your fish trading activities during the last HIGH season?	How much did your household have to pay for [COST ITEM] on a weekly basis during the last HIGH season?
	YES1 NO2 ▶NEXT COST ITEM	(THEN ► NEXT COST ITEM)
COST ITEM		AMOUNT (TSH / WEEK)
Hired Labour		
Transport		
Packaging		
Ice		
Tax		
Other (Specify)		

7	8
ENUMERATOR: REFER TO MODULE 3: FISHERIES CALENDAR. S THE ANSWER TO QUESTION 2 "YES"?	Did you or anyone in your household do any fishing or fish trading during the last LOW season?
YES1 NO2 ►END OF QUESTIONNAIRE	YES1 ►NEXT MODULE NO2 ► END OF QUESTIONNAIRE

MODULE I: HOUSEHOLD LABOUR (LAST LOW SEASON)

	FULL-TIME	FISHING		PART-TIME FI	SHING		FISH PROCESSING	G (SELF-CAUGHT S	ALES)	FISH TRADING CATCH)	(RE-SELLING C	OF OTHERS
your household who were involved in fishing during the last last LOW fishing season. This includes those fishing, fish processing or fish trading, full	MEMBERS WHO SPEN THEIR WOI DURING TH How many t full-time fish fishing seas During those how many t fish? During those how many t fish? RECORD Z IF [NAME] V	er during the on? e weeks, approduces a days, approduces per day ERO IN ALL OWAS NOT A FIRING THE L	JSEHOLD 790% OF FISHING V SEASON as [NAME] a last LOW roximately did [NAME] ximately did [NAME]	THE HOUSEHOPRIMARILY IN DURING THE ISPENT SOME How many tota time fisher during season? During those will days per week During those days per days RECORD ZER [NAME] WAS N	SHERS ARE ME OLD WHO ENG NON-FISHING LAST LOW SEA TIME FISHING. I weeks was [NA ng the last LOW eeks, approximat did [NAME] part ays, approximate I [NAME] part O IN ALL COLU NOT A PART-TIF LAST LOW FISH	AGED ACTIVITIES AGEN BUT AME] a part- fishing ately how many -time fish? ely how many time fish? MNS IF ME FISHER	TO CONSUMERS OF CAUGHT BY THE HEISH CAUGHT BY THE HEISH CAUGHT BY BEEN SUBJECT TO SUN-DRYING, AND FISH PROCESSING MUTUALLY EXCLU How many total weed during the last LOW During those weeks did [NAME] process During those days, and did [NAME] process RECORD ZERO IN	D TECHNIQUES SUC D SALTING. G AND FISH TRADIN ISIVE. eks did [NAME] engal fishing season? , approximately how fish? approximately how m fish? ALL COLUMNS IF [IPROCESSING DURI	(I) FRESH FISH (II) PROCESSED WHICH MAY HAVE CH AS SMOKING, IG ARE NOT ge in fish processing many days per week any hours per day	FISH CAUGHT NOT BE CONS AS FISH PROC How many total trading during th During those we days per week of During those da hours per day d RECORD ZERO DID NOT ENGA THE LAST LOW	SH OR ROM OTHER RS. SELLING HOLD SHOULD I TRADING BUT E] engage in fish ig season? ely how many fish? / how many ish? INS IF [NAME] ADING DURING	
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	NUMBER OF WEEKS	DAYS / WEEK	HOURS / DAY
2												
3												
5												
6												
7												
9												

MODULE J: FISHERIES LABOUR (LAST LOW SEASON)

SHARED LABO	UR / EXPEN	SES			HIRED L	ABOUR		
LOW fishing season, did you	partners did	the total input expenses were you responsible for (including boat rental, licenses, bait,		5. What percentage of the catch was allotted to you (either to be sold or consumed)?	How man during the last LOW How man during the last the	fishing season y weeks did on a last LOW fish E WERE SEN CHILDREN TO OF WEEKS ARY TO CAF NPUT BY DIF O ZERO IN A HIRING WA	each of these shing season? /ERAL GROUTHAT WORK I, USE AS MAPTURE DIFFERENT GRULL COLUMN S DONE WIT	labourers work for you? JPS OF HIRED MEN ED FOR DIFFERENT ANY ROWS AS ERENT LEVELS OF ROUPS OF LABOURERS S IF NONE HIRED, AND
	NUMBER	PERCENTAGE	PERCENTAGE	PERCENTAGE	NUMBER OF ADULTS	NUMBER OF WEEKS / ADULT	NUMBER OF CHILDREN	NUMBER OF WEEKS / CHILD

HIRED LAB	OUR										
7.	8.	9.	10.				11.	12.		13.	
Did you pay	What was <u>each</u> of the workers	As part of the	On average per we	ek, what	quantity of fish did	l you pay	As part of the	On average	per week,	During the last LC	W fishing
these	paid <u>per week</u> ?	remuneration	to each hired work	ers during	the last LOW fish	ing	remuneration	how much ca	ash as a	season, did you p	ay the hired
workers a		for hired	season?				for hired	share of the	boat	workers any other	in kind benefit
mod	IF THESE FIXED WAGES WERE	workers, did					· · · · · · · · · · · · · · · · · · ·	revenue did	, , ,	such as meals, ci	garettes, etc.?
wage.	DAILY, ASSIST RESPONDENT TO	, · · · - · · ·	IF THE RESPOND	_	-		, · · 	each hired w			
	ESTIMATE THE WEEKLY EQUIVALENT.		SHARE PAID TO I	_	_			during the la		ESTIMATE THE	
	EQUIVALENT.		WORKER, ASK TI					fishing seaso	on?	IN-KIND BENEFI	FPER WEEK
			AGGREGATE SHA		-		cash as a			PER WORKER.	
			WORKERS (AS A	,			share of the			IE NO OTHER RE	NEELTO
			BY THE NUMBER				boat_			IF NO OTHER BE	
			INDICATED IN QU	JESTION	14.		revenue?			RECORD ZERO	_
			CODES	FOR FISH	QUANTITY UNITS	:				COLUMNS, AND NEXT SECTION.	CONTINUE TO
					_					INEXT SECTION.	
				 BUNDLE	• -						
			,	AM							
YES1				AG							
NO2 ▶9		YES1		BAG BAG			YES1				
		NO2 ▶11		BAG BASKET			NO2 ▶13				
				BASKET							
			OTHER								
			(SPECII	FY)	.9						
	ADULE. CULL D.	1	A DILLE III		QUITED:					ADIII III.	CHILD:
	ADULT: CHILD: TSH / ADULT / TSH / CHILD /		ADULT: OUANTITY/		CHILD: OUANTITY /			ADULT:	CHILD:	ADULT: TSH / ADULT /	TSH / CHILD /
	WEEK WEEK		ADULT / WEEK	UNIT	CHILD / WEEK	UNIT		TSH	TSH	WEEK	WEEK

FI	SHING GEAR						
GEAR ID		1. Did any household member involved in fishing activities during the last LOW fishing season use any [FISHING GEAR]? YES.1 NO2 NEXT	2. How many [FISHING GEAR] were operated by your household during the last LOW fishing season?	3. How many [FISHING GEAR] are owned by your household?	4. 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 LOW fishing season? VALUE (TSH/UNIT)	How many units of [FISHING GEAR] did you or any member of your household purchase during the last LOW fishing season?	6. How much did your household pay to rent [GEAR] for use in the last LOW season? RECORD ZERO IF NONE RENTED
Α	usipa(mosquito)net						
В	kambuzi(beach)seine						
С	mbedza(long /hand line)						
D	mbuka/ntaya/ukonde (gillnet)						
Е	mono(fish traps)						
F	chavi / kokoro (castnet)						
G	madema (large fish trap)						
Н	mtanbo wa usiko (network of small nets)						
I	other, specify						
J	other, specify						

ВС	ATS/ENGINES											
BOAT/ENGINE ID		Did you or any member of your household involved in fishing activities during the last LOW season	[BOAT/ ENGINE] were operated by your household	many of [BOAT/ ENGINE] are <u>owned</u> by your house- hold?		ENGINE] did you or any member of your household purchase during the last LOW fishing	did you househ pay to [BOAT, ENGIN use in t LOW season RECOI ZERO NONE RENTE	did your nousehold on your for rent and BOAT/ rend for see in the last and see as on? RECORD RECORD SERONE FOR SERONE RECORD SERONE RENTED		13. What were the total costs of fuel and oil and maintenance for [BOAT/ENGINE] operated during the last LOW fishing season? RECORD ZERO IF NONE Day1 Week2 Season3		nance AT/ E] ed the last shing
	BOAT/ENGINE		OPERATED	OWNED	(TSH/UNIT)	PURCHASED	TSH	UNIT	TSH	UNIT	TSH	UNIT
Α	bwato (dugout)											
С	plankboat											
D	mashua (outboard engine)											
Е	ngalawa (twin-hull boat)											
F	other,specify:											
G	other,specify:											

MODULE K: FISHERIES INPUT (LAST LOW SEASON)

OTH	OTHER COSTS												
	15. Did you purchase any of the f during the last LOW fishing se		16. What were the costs during the LOW season?										
I N P U T I D	PROBE FOR OTHER INPUT BUT EXCLUDE PURCHASE, OPERATING COSTS OF GEARS/BOATS/ENGINES, A EXPENDITURES FOR WORI FOR FISHING ACTIVITIES.		NIT										
			W	ay1 eek2									
	YES.1 NO2 ► NE	Season3 Year4											
		TSH	UNIT										
Α	Taxes												
В	Licenses												
С	Auction Fees												
D	Other Fees (ie Market, etc)												
Е	Wicks												
F	Rent for Storage												
G	Transportation												
Н	Buoys												
ı	Thread for Net Sewing												
J	Beeswax / Sealant (karafat)												
K	Lubricant/Oil (mafuta)												
L	Chicken wire (cha cha)												
		1											

1. CHECK MODULE I. WERE ANY HOUSEHOLD MEMBERS ENGAGED IN FISHING IN THE LAST LOW SEASON, ACCORDING TO QUESTIONS 1 OR 2?

YES..1 NO...2 ► NEXT SECTION

	FISH / SPECIES		LOCATION		TOTALS FOR I	AST COMPLI	ETE LOW SE	ASON					CATCHES
FISH CAUGHT ID	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 LOW fishing season. TYPE OF FISH: CHAFI01 PAPA16 CHANGU02 PEREGE17 CHEWA03 PONO18 DAGAA04 PWEZA19 DAMU DAMU.05 SANGARA20 KAMBA06 SATO21 KAMBALE07 SEHEWA22 KOLEKOLE.08 TASI23 LUPAPA09 VIBUA24 LUPUMBA10 KANDA/ MIGEBUKA11 GADAYO25 MKUNDAJI13 KALMAMBA27 MUMI14 CHAA28 NGURU15 KAKA29 OTHER (SPECIFY).30		3. Where do you mainly fish for [FISH/SPE RECORD THE ANSWER IN WORDS T USE THE CODES BELOW. CODES FOR LOCATIONS: OCEAN		4. How much [FIS did you, other m your household hired fishers cal during the last L season? IF NONE, WRITE CODES FOR QUANTITY PIECE DOZEN/BUN KILOGRAM. 5 KG BAG. 10 KG BAG. 25 KG BAG. SMALL BAS LARGE BAS OTHER (SPECIFY)	rembers of and/or any ch in TOTAL OW fishing FISH UNITS: 1 DLE2346 KET 7 KET 8							6. How many weeks have you or any member your household landed [FISH SPECIES] during the last LOW season?
	NAME	CODE	LOCATION C	ODE	NUMBER	UNIT	NUMBER		FORM OF PROCESS.	NUMBER		FORM OF PROCESS.	NUMBER OF WEEKS
1.									1 I I		 	1 1 1	
2.					!			I	1 1 1		1 1 1	1 1	
3.					1				! !		-	i I I	
4.									1 1		i i	I I	
5								İ	1 1		=	1 1 1	

7. How much [FISH SPECIES] did you, other members of your household and/or any hired fishers catch on average per week during the last LOW fishing season?										
	UNITS: 1 DLE23456 KET7									
NUMBER	UNIT									

FISH P	ROCESS	ING						SALES																
or any r your ho process (smoked froze, e SPECIE during t LOW se	have you member busehold sed, dried, etc) [FISH ES] the last eason?	for later sale What was the THESE FIG PROCESSE HOUSEHOL RECORD C	e on an aver ne method y URES SHC ED FISH TH LD OR FISH QUANTITY F	CIES] did you and/or rage week during the you used to preserve DULD BE BASED OF HAT WERE CAUGH' HERS THAT WERE FOR UP TO TWO D OF PROCESSING, L	e last LOW fise the [FISH/SI NLY ON THE T BY EITHER HIRED BY T	PECIES]? FRESH AN THE MEM HE HOUSE	ID/OR BERS OF THE HOLD. PROCESSING.	10. For how many weeks did you sell [FISH SPECIES] during the last LOW fishing season?	11. How much [FISH SPECIES] did you and/or other members of your household sell on average per week d LOW fishing season? 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 WE BY EITHER THE MEMBERS OF THE HOUSEHOLD OR FISHERS THAT WERE HIRED BY THE HOUS RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING. IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.															
FISH CAUGH ID		CODES FOR FISH QUANTITY UNITS: PIECE 1 DOZEN/BUNDLE 2 KILOGRAM 3 S KG BAG 4 10 KG BAG 5 25 KG BAG 6 SMALL BASKET 7 LARGE BASKET 8 OTHER						CODES FOR FISH QUANTITY UNITS: PIECE					<u>NG</u> :											
NUMBE WEEKS	ER OF	PRO NUMBER	UNIT	FORM OF PROCESS.	PRO NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	QUANTITY	I IINITT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY			PRICE (TSH)								
1.	-		 	I		 	1100000	WEEKS	2011	i I	I I		2011	i i	1	i i								
2.			=	i I						! ! !	1 1	1 		I I	l	! ! !								
3.			=	 						! !	1	 		I I		i i								
4.			=	! !] 					!	1		i -		! !								
5			=	! !] 	='			! !	I I	i i		I .	! !	i I								

	HOME CON	SUMPTIO	N					FINAL CHECK
FISH CAUGHT ID	household d household o	uring the la onsumption UANTITY F IE TYPE O	FOR UP TO TWO I	oson were kep	13. Overall, during the last LOW fishing season, what share of the total [FISH SPECIES] catch did you keep for your own family consumption? READ RESPONSES	14. 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.		
FISH	PIECE DOZEN, KILOGE 5 KG F 10 KG 25 KG SMALL	FOR FI ITY UNI 'BUNDLE RAM BAG BAG BAG BASKET BASKET	TS:123456	SUN-I SMOKH ICED OTHER (SPEC	S FOR ESSING: DRIED ED R CIFY)	1 2 3	Almost none.1 1/42 1/23 3/44 Almost all5	YES, THE FIGURES MATCHED1 NO, THE ENTRIES WERE ADJUSTED2
	PROC	ESSING	TYPE # 1	PROC	ESSING	S TYPE # 2	_	
	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.		
1.		i i						
2.								TEXT:
3.								
4.								1
5								1

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 LOW fishing season.

		Į.
	NAME	CODE
1.		
2.		
3.		
4.		
5		

MODULE M: GEAR RENTED OUT (LAST LOW SEASON)

FISHING GEAR RENTED OUT

		1. During the last LOW fishing season, did your household rent out any [GEAR] to other fishers? YES.1 NO2 NEXT GEAR	2. How many [GEAR] did your household rent out during the last LOW fishing season?	3. For how much in total did your household receive for renting out these [GEAR] to other fishers during the last LOW fishing season? ESTIMATE THE VALUE OF IN-KIND RECEIPTS.
	OFAR	GEAR	NUMBER OF	T0''
	GEAR		UNITS	TSH
Α	usipa (mosquito) net			
В	kambuzi (beach) seine			
С	mbedza (long /hand line)			
D	mbuka/ntaya/ukonde (gillnet)			
Е	mono (fish traps)			
F	chavi / kokoro (castnet)			
G	madema (large fish trap)			
Н	mtanbo wa usiko (network of small nets)			
I	bwato (dugout)			
J	plankboat			
K	mashua (outboard engine)			
L	ngalawa (twin-hull boat)			
М	other,specify:			
Ν	other,specify:			

MODULE N: FISH TRADING (LAST LOW SEASON)

1. CHECK MODULE I. WERE ANY HOUSEHOLD MEMBERS ENGAGED IN FISH TRADING IN THE LAST LOW SEASON, ACCORDING TO QUESTION 4?

YES1				
NO2	\blacktriangleright	NEXT	SECTION	

	PURCHASES	S					SALES								
of fish that you or any member of	any member	st LOW fishing seaso of your household pu n average per week a	chase from ot	her fishers	s and/or fish		4. During the last LOW fishing season, how much [FISH SPECIES] did any member of sell on average per week as part of your fish trade business?								
	During the we unit?	eeks of operation, who	at was the ave	rage price	per packaç	ging	g During the weeks of operation, what was the average price per pagunit?								
CHANGU02 PEREGE17 CHEWA03 PONO18 DAGAA04 PWEZA19 DAMU DAMU.05 SANGARA20	PROCESSIN	JANTITY FOR UP TO IG. IF ONLY ONE TYI INS FOR PROCESSII	E OF PROCE					SING. IF	ONLY ONE	TYPE	WO DIFFERENT TYPES OF OF PROCESSING, LEAVE BL TYPE 2.				
KAMBA06 SATO21 KAMBALE07 SEHEWA22 KOLEKOLE.08 TASI23 LUPAPA09 VIBUA24 LUPUMBA10 KANDA/ MIGEBUKA11 GADAYO25 MKIZI12 HONGWE26 MKUNDAJI13 KALMAMBA.27 MUMI14 CHAA28 NGURU15 KAKA29 OTHER (SPECIFY).30	CODES FOR UNIT: PIECE DOZEN/BUNI KILOGRAM 5 KG BAG 10 KG BAG 25 KG BAG SMALL BASH LARGE BASH OTHER (SPEC	DLE2 3 4 5 6 KET7	SUN-DRIED1 SUN-DRIED1 SUN-DRIED 1 SMOKED2 PIECE1 SMOKED 1 SMOKED 2 ICED3 DOZEN/BUNDLE2 ICED 3 OTHER KILOGRAM3 OTHER KILOGRAM3 OTHER SK BAG4 (SPECIFY)4 SK BAG4 (SPECIFY) 10 KG BAG5 FRESH 15 SK BAG6 SMALL BASKET7 LARGE BASKET8					IED1 2 3	ESSING:						
	PRO	CESSING TYPE # 1	P	ROCESSING	G TYPE # 2		PI	ROCESSIN	G TYPE # 1		PROCESSING TYPE # 2				
NAME CODE	QUANTITY	UNIT FORM OF PR	CE OHANTITY		FORM OF I	PRICE	QUANTITY		FORM OF PROCESS.		QUANTITY	UNIT	FORM OF PROCESS.		
1	1	1 1		I I I			1		 		1				
2	! !	1 1		! ! !			:		 	! !	1				
3	, ,	1 1 1 1							 	 	1				
5		1 1 1 1 1 1		! ! !					 	1 1 1					