

[illegible]



MODULE B: FISHERIES CALENDAR

**ENUMERATOR:** MAKE SURE THAT THE RESPONDENT ANSWERS THE FOLLOWING QUESTIONS BELOW BASED ON HIS OWN INDIVIDUAL EXPERIENCE, NOT THAT OF THE COMMUNITY AS A WHOLE.

1. 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?

**ENUMERATOR:** RECORD STATUS OF EACH MONTH AS **H** (HIGH), **L** (LOW) OR **N** (NO FISHING). IF THE RESPONDENT CLAIMS THAT THERE ARE NO DISTINCT HIGH VS. LOW SEASON MONTHS, RECORD **H** (HIGH) FOR MONTHS IN WHICH ANY FISHING TAKES PLACE, AND ONLY ADMINISTER THE HIGH-SEASON RELATED MODULES.

Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec

2. **ENUMERATOR:** FOR THE MONTHS THAT ANY FISHING TOOK PLACE IN THE COMMUNITY, WAS THE RESPONDENT ABLE TO DISTINGUISH BETWEEN HIGH VS. LOW SEASON MONTHS?

YES...1

NO....2

# MODULE C: HOUSEHOLD LABOUR (LAST HIGH SEASON)

		FULL-TIME FISHING			PART-TIME FISHING			FISH PROCESSING (SELF-CAUGHT SALES)			FISH TRADING (RE-SELLING OF OTHERS CATCH)		
Please list the members of your household who were <u>involved in fishing</u> during the last last HIGH fishing season. This includes those <u>fishing, fish processing or fish trading, full or part time</u> .		<p>1. FULL-TIME FISHERS ARE MEMBERS OF THE HOUSEHOLD WHO SPENT AT LEAST 90% OF THEIR WORKING TIME FISHING DURING THE LAST HIGH SEASON.</p> <p>How many total <u>weeks</u> was [NAME] a <u>full-time fisher</u> during the last HIGH fishing season?</p> <p>During those weeks, approximately how many <u>days per week</u> did [NAME] fish?</p> <p>During those days, approximately how many <u>hours per day</u> did [NAME] fish?</p> <p>RECORD ZERO IN ALL COLUMNS IF [NAME] WAS NOT A FULL TIME FISHER DURING THE LAST HIGH FISHING SEASON.</p>			<p>2. PART-TIME FISHERS ARE MEMBERS OF THE HOUSEHOLD WHO ENGAGED PRIMARILY IN NON-FISHING ACTIVITIES DURING THE LAST HIGH SEASON BUT SPENT SOME TIME FISHING.</p> <p>How many total <u>weeks</u> was [NAME] a part-time fisher during the last HIGH fishing season?</p> <p>During those weeks, approximately how many <u>days per week</u> did [NAME] part-time fish?</p> <p>During those days, approximately how many <u>hours per day</u> did [NAME] part-time fish?</p> <p>RECORD ZERO IN ALL COLUMNS IF [NAME] WAS NOT A PART-TIME FISHER DURING THE LAST HIGH FISHING SEASON.</p>			<p>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.</p> <p>FISH PROCESSING AND FISH TRADING ARE NOT MUTUALLY EXCLUSIVE.</p> <p>How many total <u>weeks</u> did [NAME] engage in <u>fish processing</u> during the last HIGH fishing season?</p> <p>During those weeks, approximately how many <u>days per week</u> did [NAME] process fish?</p> <p>During those days, approximately how many <u>hours per day</u> did [NAME] process fish?</p> <p>RECORD ZERO IN ALL COLUMNS IF [NAME] DID NOT ENGAGE IN FISH PROCESSING DURING THE LAST HIGH FISHING SEASON.</p>			<p>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 .</p> <p>How many total <u>weeks</u> did [NAME] engage in <u>fish trading</u> during the last HIGH fishing season?</p> <p>During those weeks, approximately how many <u>days per week</u> did [NAME] trade fish?</p> <p>During those days, approximately how many <u>hours per day</u> did [NAME] trade fish?</p> <p>RECORD ZERO IN ALL COLUMNS IF [NAME] DID NOT ENGAGE IN FISH TRADING DURING THE LAST HIGH FISHING SEASON.</p>		
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
1													
2													
3													
4													
5													
6													
7													
8													
9													

MODULE D: FISHERIES LABOUR (LAST HIGH SEASON)

SHARED LABOUR / EXPENSES				
1. During the last HIGH fishing season, did you share labour or expenses with anyone else in <u>a partnership arrangement</u> (excluding paid labour)?	2. How many partners did you have during the last full HIGH season?	3. What percentage of the total <u>input expenses</u> were you responsible for (including boat rental, licenses, bait, tackle, petrol, nets, etc.)?	4. What percentage of the labor did you provide (either by yourself, through members of your family, or those that you personally hired)?	5. What percentage of the catch was allotted to you (either to be sold or consumed)?
YES...1 NO...2 ▶6				
	NUMBER	PERCENTAGE	PERCENTAGE	PERCENTAGE

HIRED LABOUR			
6. How many fishing men and/or children did you hire during the last HIGH fishing season?			
How many weeks did each of these labourers work for you during the last HIGH fishing season?			
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 ▶ 7.			
IF JOINT HIRING WAS DONE WITH A PARTNER, DESCRIBE THE LABOUR HIRED FOR THE ENTIRE BOAT, NOT JUST YOUR SHARE.			
NUMBER OF ADULTS	NUMBER OF WEEKS / ADULT	NUMBER OF CHILDREN	NUMBER OF WEEKS / CHILD

HIRED LABOUR												
7. Did you <u>pay</u> these workers a <u>fixed wage</u> ?	8. What was <u>each</u> of the workers paid <u>per week</u> ?  IF THESE FIXED WAGES WERE DAILY, ASSIST RESPONDENT TO ESTIMATE THE WEEKLY EQUIVALENT.		9. As part of the remuneration for hired workers, did you <u>pay</u> these hired workers with <u>fish as a share of the boat catch</u> ?	10. On <u>average per week</u> , what <u>quantity</u> of fish did you pay to each hired workers during the last HIGH fishing season?  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 AS INDICATED IN QUESTION 14.  <u>CODES FOR FISH QUANTITY UNITS:</u>  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				11. As part of the remuneration for hired workers, did you <u>pay</u> these hired workers with <u>cash as a share of the boat revenue</u> ?	12. On <u>average per week</u> , how much <u>cash</u> as a share of the boat revenue did you <u>pay</u> to <u>each</u> hired worker during the last HIGH fishing season?		13. During the last HIGH fishing season, did you pay the hired workers <u>any other in kind benefit</u> such as meals, cigarettes, etc.?  ESTIMATE THE CASH VALUE OF IN-KIND BENEFIT PER WEEK PER WORKER.  IF NO OTHER BENEFITS RECORD ZERO IN BOTH COLUMNS, AND CONTINUE TO NEXT SECTION.	
YES...1 NO...2 ▶9			YES...1 NO...2 ▶11					YES...1 NO...2 ▶13				
	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

**MODULE E: FISHERIES INPUT (LAST HIGH SEASON)**

FISHING GEAR							
GEAR ID		1. Did any household member involved in fishing activities during the last HIGH fishing season <u>use</u> any [FISHING GEAR]?	2. How many [FISHING GEAR] were <u>operated</u> by your household during the last HIGH fishing season?	3. How many [FISHING GEAR] are <u>owned</u> 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?	5. How many units of [FISHING GEAR] did you or any member of your household <u>purchase</u> during the last HIGH fishing season?	6. How much did your household <u>pay to rent</u> [GEAR] for use in the last HIGH season?  RECORD ZERO IF NONE RENTED
	FISHING GEAR	YES . 1 NO . . 2 ►NEXT	NUMBER OPERATED	NUMBER OWNED	VALUE (TSH/UNIT)	NUMBER PURCHASED	TSH
A	usipa(mosquito)net						
B	kambuzi(beach)seine						
C	mbedza(long /hand line)						
D	mbuka/ntaya/ukonde (gillnet)						
E	mono(fish traps)						
F	chavi / kokoro (castnet)						
G	madema (large fish trap)						
H	mtanbo wa usiko (network of small nets)						
I	other, specify _____						
J	other, specify _____						

**MODULE E: FISHERIES INPUT (LAST HIGH SEASON)**

BOATS/ENGINES												
BOAT/ENGINE ID	BOAT/ENGINE	7. Did you or any member of your household involved in fishing activities during the last HIGH season <u>use</u> any [BOAT \ENGINE]?	8. How many [BOAT/ ENGINE] were <u>operated</u> by your household during the last HIGH fishing season?	9. How many of [BOAT/ ENGINE] are <u>owned</u> by your household?	10. If you or any member of your household engaged in fishing had to purchase a [BOAT / ENGINE] how much would you have paid during the last HIGH fishing season?	11. How many units of [BOAT/ ENGINE] did you or any member of your household <u>purchase</u> during the last HIGH fishing season?  RECORD ZERO IF NO UNITS PURCHASED	12. How much did your household <u>pay to rent</u> [BOAT/ ENGINE] for use in the last HIGH season?  RECORD ZERO IF NONE RENTED		13. What were the total costs of fuel and oil for [BOAT/ ENGINE] operated during the last HIGH fishing season?  RECORD ZERO IF NONE		14. What was the total cost of maintenance for [BOAT/ ENGINE] operated during the last HIGH fishing season?  RECORD ZERO IF NONE	
		YES..1 NO...2 ►NEXT BOAT/ENGINE	NUMBER OPERATED	NUMBER OWNED	VALUE (TSH/UNIT)	NUMBER PURCHASED	TSH	UNIT	TSH	UNIT	TSH	UNIT
A	bwato (dugout)											
B	plankboat											
C	mashua (outboard engine)											
D	ngalawa (twin-hull boat)											
E	other,specify: _____											
F	other,specify: _____											



# MODULE E: FISHERIES INPUT (LAST HIGH SEASON)

OTHER COSTS				
I N P U T  I D	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.		16. What were the <u>costs</u> during the HIGH fishing season?	
	YES..1 NO..2 ► <b>NEXT ROW</b>		<u>UNIT</u> Day.....1 Week.....2 Season...3 Year.....4	
			TSH	UNIT
A	Taxes			
B	Licenses			
C	Auction Fees			
D	Other Fees (ie Market, etc)			
E	Wicks			
F	Rent for Storage			
G	Transportation			
H	Buoys			
I	Thread for Net Sewing			
J	Beeswax / Sealant (karafat)			
K	Lubricant/Oil (mafuta)			
L	Chicken wire (cha cha)			
M	Other, specify			

## 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?

YES...1  
NO...2 ► **NEXT SECTION**

FISH / SPECIES		LOCATION		TOTALS FOR LAST COMPLETE HIGH SEASON						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.  <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	3. Where do you mainly fish for [FISH/SPECIES]?  RECORD THE ANSWER IN WORDS THEN USE THE CODES BELOW.  <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	4. How much [FISH SPECIES] did you, other members of your household and/or any hired fishers <u>catch in TOTAL</u> during the last HIGH fishing season?  IF NONE, WRITE '0'.  <u>CODES FOR FISH QUANTITY UNITS:</u> 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	5. How much [FISH SPECIES] did you and/or other members of your household preserve for later sale <u>in TOTAL</u> during the last HIGH fishing season?  What was the method you used to preserve the [FISH/SPECIES]?  THESE FIGURES SHOULD BE BASED <b>ONLY</b> 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> 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  <u>CODES FOR PROCESSING:</u> SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4	6. How many <u>weeks</u> have you or any member your household landed [FISH SPECIES] during the last HIGH season?	7. 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 HIGH fishing season?  <u>CODES FOR FISH QUANTITY UNITS:</u> 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									
					PROCESSING TYPE # 1		PROCESSING TYPE # 2								
	NAME	CODE	LOCATION	CODE	NUMBER	UNIT	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	NUMBER	UNIT
1.															
2.															
3.															
4.															
5.															

## MODULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

FISH CAUGHT ID	FISH PROCESSING							SALES							
	<p>8. How many <u>weeks</u> have you or any member your household processed (smoked, dried, frozen, etc) [FISH SPECIES] during the last HIGH season?</p> <p>9. 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 HIGH fishing season?</p> <p>What was the method you used to preserve the [FISH/SPECIES]?</p> <p>THESE FIGURES SHOULD BE BASED <b>ONLY</b> 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>CODES FOR FISH QUANTITY UNITS:</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>CODES FOR PROCESSING:</p> <p>SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4</p>							<p>10. For how many <u>weeks</u> did you <u>sell</u> [FISH SPECIES] during the last HIGH fishing season?</p> <p>11. How much [FISH SPECIES] did you and/or other members of your household <u>sell on average per week</u> during the last HIGH fishing season?</p> <p>During the weeks of operation, what was the <u>average price</u> per quantity unit?</p> <p>THESE FIGURES SHOULD BE BASED <b>ONLY</b> 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.</p> <p>IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.</p> <p>CODES FOR FISH QUANTITY UNITS:</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</p> <p>CODES FOR PROCESSING:</p> <p>SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4 FRESH.....5</p>							
	PROCESSING TYPE # 1			PROCESSING TYPE # 2				PROCESSING TYPE # 1				PROCESSING TYPE # 2			
	NUMBER OF WEEKS	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	QUANTITY SOLD	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY SOLD	UNIT	FORM OF PROCESS.
1.															
2.															
3.															
4.															
5.															

## MODULE F: FISHERIES OUTPUT (LAST HIGH SEASON)

HOME CONSUMPTION							FINAL CHECK			
FISH CAUGHT ID	<p>12. How much [FISH SPECIES] caught by you and/or other members of your household during the last HIGH fishing season were <u>kept on average per week for household consumption</u>?</p> <p>RECORD QUANTITY FOR UP TO TWO DIFFERENT TYPES OF PROCESSING.</p> <p>IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.</p> <p><u>CODES FOR FISH QUANTITY UNITS:</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>SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4 FRESH.....5</p>						<p>13. Overall, during the last HIGH fishing season, what <u>share</u> of the total [FISH SPECIES] catch did you keep for your own family consumption?</p> <p>READ RESPONSES</p> <p>Almost none..1 1/4.....2 1/2.....3 3/4.....4 Almost all..5</p>		<p>14. <b>ENUMERATOR:</b> FOR EACH SPECIES, THE AMOUNT LANDED / WEEK SHOULD BE APPROXIMATELY EQUAL TO THE AMOUNT SOLD PER WEEK + PRESERVED + SELF-CONSUMED PER WEEK.</p> <p>IF NOT, ASK THE RESPONDENT TO ADJUST HIS/HER ESTIMATION AND INDICATE BELOW THE REASON FOR THE DISCREPANCY BETWEEN THE TWO CATCH ESTIMATES.</p> <p>YES, THE FIGURES MATCHED.....1</p> <p>NO, THE ENTRIES WERE ADJUSTED.....2</p>	
	PROCESSING TYPE # 1			PROCESSING TYPE # 2						
	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.				
	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 fish that you or any member of your household have landed as a fisher during the last HIGH fishing season.	
	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?          YES . . 1 NO . . . 2 >> <b>NEXT GEAR</b>	2. How many [GEAR] did your household rent out during the last HIGH fishing season?	3. How much <u>in total</u> did your household <u>receive</u> for renting out these [GEAR] to other fishers during the last HIGH fishing season?  ESTIMATE THE VALUE OF IN-KIND RECEIPTS.
	<b>GEAR</b>		<b>NUMBER OF UNITS</b>	<b>TSH</b>
A	usipa (mosquito) net			
B	kambuzi (beach) seine			
C	mbedza (long /hand line)			
D	mbuka/ntaya/ukonde (gillnet)			
E	mono (fish traps)			
F	chavi / kokoro (castnet)			
G	madema (large fish trap)			
H	mtanbo wa usiko (network of small nets)			
I	bwato (dugout)			
J	plankboat			
K	mashua (outboard engine)			
L	ngalawa (twin-hull boat)			
M	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?

YES...1

NO...2 >> NEXT SECTION

			PURCHASES				SALES										
<p>2.</p> <p>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.</p> <p>TYPE OF FISH:</p> <p>CHAFI.....01 PAPA.....1</p> <p>CHANGU....02 9</p> <p>CHEWA.....03 PEREGE....2</p> <p>DAGAA.....04 0</p> <p>DAMU DAMU.05 PONO.....2</p> <p>KAMBA.....06 1</p> <p>KAMBALE...07 PWEZA....2</p> <p>KOLEKOLE..08 2</p> <p>LUPAPA....09 SANGARA...2</p> <p>LUKUMBU...10 3</p> <p>MIGEBUKA..11 SATO.....2</p> <p>MKIZI.....12 4</p> <p>MKUNDAJI..13 SEHEWA....2</p> <p>MUMI.....14 5</p> <p>NGURU.....15 TASI.....2</p> <p>JODARI....16 6</p> <p>KITOGA....17 VIBUA....2</p> <p>KAMONGO...18</p>			<p>3.</p> <p>During the last HIGH fishing season, how much [FISH SPECIES] did you or any member of your household <u>purchase</u> from other fishers and/or fish processors <u>on average per week</u> as part of your fish trade business?</p> <p>During the weeks of operation, what was the <u>average price</u> per packaging unit?</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</u>      <u>CODES FOR PROCESSING:</u></p> <p><u>UNIT:</u></p> <p>PIECE .....1      SUN-DRIED..1</p> <p>DOZEN/BUNDLE...2      SMOKED.....2</p> <p>KILOGRAM.....3      ICED.....3</p> <p>5 KG BAG.....4      OTHER</p> <p>10 KG BAG.....5      (SPECIFY)..4</p> <p>25 KG BAG.....6      FRESH.....5</p> <p>SMALL BASKET...7</p> <p>LARGE BASKET...8</p> <p>OTHER (SPECIFY) .9</p>				<p>4.</p> <p>During the last HIGH fishing season, how much [FISH SPECIES] did you or any member of <u>sell on average per week</u> as part of your fish trade business?</p> <p>During the weeks of operation, what was the <u>average price</u> per packaging unit?</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:</u>      <u>CODES FOR PROCESSING:</u></p> <p>PIECE .....1      SUN-DRIED..1</p> <p>DOZEN/BUNDLE...2      SMOKED.....2</p> <p>KILOGRAM.....3      ICED.....3</p> <p>5 KG BAG.....4      OTHER</p> <p>10 KG BAG.....5      (SPECIFY)..4</p> <p>25 KG BAG.....6      FRESH.....5</p> <p>SMALL BASKET...7</p> <p>LARGE BASKET...8</p> <p>OTHER (SPECIFY) .9</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																	

# MODULE H: FISH TRADING (LAST HIGH SEASON)

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

<p>7 <b>ENUMERATOR:</b> REFER TO <u>MODULE B: FISHERIES CALENDAR</u>.  IS THE ANSWER TO QUESTION 2 "YES"?</p> <p>YES...1 NO...2 ►END OF QUESTIONNAIRE</p>	<p>8 Did you or anyone in your household do <u>any</u> fishing or fish trading during the last LOW season?</p> <p>YES...1 ►NEXT MODULE NO...2 ► END OF QUESTIONNAIRE</p>



**MODULE I: HOUSEHOLD LABOUR (LAST LOW SEASON)**

	FULL-TIME FISHING			PART-TIME FISHING			FISH PROCESSING (SELF-CAUGHT SALES)			FISH TRADING (RE-SELLING OF OTHERS CATCH)		
Please list the members of your household who were involved in fishing during the last last LOW fishing season. This includes those fishing, fish processing or fish trading, full or part time.	<b>1.</b> FULL-TIME FISHERS ARE MEMBERS OF THE HOUSEHOLD WHO SPEND AT LEAST 90% OF THEIR WORKING TIME FISHING DURING THE LAST LOW SEASON  How many total weeks was [NAME] a full-time fisher during the last LOW fishing season?  During those weeks, approximately how many days 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 LOW FISHING SEASON.			<b>2.</b> PART-TIME FISHERS ARE MEMBERS OF THE HOUSEHOLD WHO ENGAGED PRIMARILY IN NON-FISHING ACTIVITIES DURING THE LAST LOW SEASON BUT SPENT SOME TIME FISHING.  How many total weeks was [NAME] a part-time fisher during the last LOW fishing season?  During those weeks, approximately how many days per week did [NAME] part-time fish?  During those days, approximately how many hours per day did [NAME] part-time fish?  RECORD ZERO IN ALL COLUMNS IF [NAME] WAS NOT A PART-TIME FISHER DURING THE LAST LOW FISHING SEASON.			<b>3.</b> 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 weeks did [NAME] engage in fish processing during the last LOW fishing season?  During those weeks, approximately how many days per week did [NAME] process fish?  During those days, approximately how many hours per day did [NAME] process fish?  RECORD ZERO IN ALL COLUMNS IF [NAME] DID NOT ENGAGE IN FISH PROCESSING DURING THE LAST LOW FISHING SEASON.			<b>4.</b> 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 LOW 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 LOW FISHING SEASON.		
	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
1												
2												
3												
4												
5												
6												
7												
8												
9												

MODULE J: FISHERIES LABOUR (LAST LOW SEASON)

SHARED LABOUR / EXPENSES				
1. During the last LOW fishing season, did you share labour or expenses with anyone else in a partnership arrangement (excluding paid labour)?	2. How many partners did you have during the last full LOW season?	3. What percentage of the total <u>input</u> <u>expenses</u> were you responsible for (including boat rental, licenses, bait, tackle, petrol, nets, etc.)?	4. What percentage of the labor did you provide (either by yourself, through members of your family, or those that you personally hired)?	5. What percentage of the catch was allotted to you (either to be sold or consumed)?
YES...1 NO...2 ▶6	NUMBER	PERCENTAGE	PERCENTAGE	PERCENTAGE

HIRED LABOUR			
6. How many fishing men and/or children did you hire during the last LOW fishing season?			
How many weeks did each of these labourers work for you during the last LOW fishing season?			
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 ▶ 7.			
IF JOINT HIRING WAS DONE WITH A PARTNER, DESCRIBE THE LABOUR HIRED FOR THE ENTIRE BOAT, NOT JUST YOUR SHARE.			
NUMBER OF ADULTS	NUMBER OF WEEKS / ADULT	NUMBER OF CHILDREN	NUMBER OF WEEKS / CHILD

HIRED LABOUR									
7. Did you <u>pay</u> these workers a <u>fixed wage</u> ?	8. What was <u>each</u> of the workers paid <u>per week</u> ?  IF THESE FIXED WAGES WERE DAILY, ASSIST RESPONDENT TO ESTIMATE THE WEEKLY EQUIVALENT.		9. As part of the remuneration for hired workers, did you <u>pay</u> these hired workers with <u>fish as a share of the boat catch</u> ?	10. On average per week, what quantity of fish did you pay to each hired workers during the last LOW fishing season?  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 AS INDICATED IN QUESTION 14.  <u>CODES FOR FISH QUANTITY UNITS:</u>  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		11. As part of the remuneration for hired workers, did you <u>pay</u> these hired workers with <u>cash as a share of the boat revenue</u> ?	12. On average per week, how much cash as a share of the boat revenue did you pay to each hired worker during the last LOW fishing season?		13. During the last LOW fishing season, 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 IN BOTH COLUMNS, AND CONTINUE TO NEXT SECTION.
YES...1 NO...2 ►9			YES...1 NO...2 ►11			YES...1 NO...2 ►13			
	ADULT: TSH / ADULT / WEEK	CHILD: TSH / CHILD / WEEK		ADULT: QUANTITY/ ADULT / WEEK	UNIT	CHILD: QUANTITY / CHILD / WEEK	UNIT	ADULT: TSH	CHILD: TSH

**MODULE K: FISHERIES INPUT (LAST LOW SEASON)**

FISHING GEAR							
GEAR ID		1. Did any household member involved in fishing activities during the last LOW fishing season use any [FISHING GEAR]?  YES . 1 NO . . 2 ►NEXT	2. How many [FISHING GEAR] were operated by your household during the last LOW fishing season?  NUMBER OPERATED	3. How many [FISHING GEAR] are <u>owned</u> by your household?  NUMBER OWNED	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)	5. How many units of [FISHING GEAR] did you or any member of your household purchase during the last LOW fishing season?  RECORD ZERO IF NO UNITS PURCHASED	6. How much did your household pay to rent [GEAR] for use in the last LOW season?  RECORD ZERO IF NONE RENTED
	FISHING GEAR						
A	usipa(mosquito)net						
B	kambuzi(beach)seine						
C	mbedza(long /hand line)						
D	mbuka/ntaya/ukonde (gillnet)						
E	mono(fish traps)						
F	chavi / kokoro (castnet)						
G	madema (large fish trap)						
H	mtanbo wa usiko (network of small nets)						
I	other, specify _____						
J	other, specify _____						

**MODULE K: FISHERIES INPUT (LAST LOW SEASON)**

BOATS/ENGINES														
BOAT/ENGINE ID	BOAT/ENGINE	7. Did you or any member of your household involved in fishing activities during the last LOW season use any [BOAT \ENGINE]?	8. How many [BOAT/ ENGINE] were operated by your household during the last LOW fishing season?	9. How many of [BOAT/ ENGINE] are <u>owned</u> by your house-hold?	10. If you or any member of your household engaged in fishing had to purchase a [BOAT / ENGINE] how much would you have paid during the last LOW fishing season?	11. How many units of [BOAT/ ENGINE] did you or any member of your household purchase during the last LOW fishing season?  RECORD ZERO IF NO UNITS PURCHASED	12. How much did your household pay to rent [BOAT/ ENGINE] for use in the last LOW season?  RECORD ZERO IF NONE 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		14. What was the total cost of maintenance for [BOAT/ ENGINE] operated during the last LOW fishing season?  RECORD ZERO IF NONE RENTED			
		YES. 1 NO...2 ►NEXT BOAT/ENGINE	NUMBER OPERATED	NUMBER OWNED	VALUE (TSH/UNIT)	NUMBER PURCHASED	Day.....1 Week.....2 Season...3	TSH	UNIT	Day.....1 Week.....2 Season...3	TSH	UNIT	Day.....1 Week.....2 Season...3	TSH
A	bwato (dugout)													
B	plankboat													
C	mashua (outboard engine)													
D	ngalawa (twin-hull boat)													
E	other,specify: _____													
F	other,specify: _____													

## MODULE K: FISHERIES INPUT (LAST LOW SEASON)

<b>OTHER COSTS</b>				
I N P U T  I D	15. Did you purchase any of the following items during the last LOW fishing season?  <b>PROBE FOR OTHER INPUT EXPENSES, BUT EXCLUDE PURCHASE, RENTAL OR OPERATING COSTS OF GEARS/BOATS/ENGINES, AND EXPENDITURES FOR WORKERS HIRED FOR FISHING ACTIVITIES.</b>          <div style="text-align: right;">YES..1 NO...2 ► <b>NEXT ROW</b></div>		16. What were the costs during the LOW season?          <div style="text-align: right;">UNIT Day.....1 Week.....2 Season...3 Year.....4</div>	
			TSH	UNIT
A	Taxes			
B	Licenses			
C	Auction Fees			
D	Other Fees (ie Market, etc)			
E	Wicks			
F	Rent for Storage			
G	Transportation			
H	Buoys			
I	Thread for Net Sewing			
J	Beeswax / Sealant (karafat)			
K	Lubricant/Oil (mafuta)			
L	Chicken wire (cha cha)			
M	Other, specify			

## MODULE L: FISHERIES OUTPUT (LAST LOW SEASON)

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 LAST COMPLETE LOW SEASON						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 LOW fishing season.  <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	3. Where do you mainly fish for [FISH/SPECIES]?  RECORD THE ANSWER IN WORDS THEN USE THE CODES BELOW.  <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	4. How much [FISH SPECIES] did you, other members of your household and/or any hired fishers catch in TOTAL during the last LOW fishing season?  IF NONE, WRITE '0'.  <u>CODES FOR FISH QUANTITY UNITS:</u> 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	5. How much [FISH SPECIES] did you and/or other members of your household preserve for later sale in TOTAL during the last LOW 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 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> 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  <u>CODES FOR PROCESSING:</u> SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4			6. How many weeks have you or any member your household landed [FISH SPECIES] during the last LOW season?	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?  <u>CODES FOR FISH QUANTITY UNITS:</u> 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							
					PROCESSING TYPE # 1		PROCESSING TYPE # 2								
	NAME	CODE	LOCATION	CODE	NUMBER	UNIT	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	NUMBER	UNIT
1.															
2.															
3.															
4.															
5.															

# MODULE L: FISHERIES OUTPUT (LAST LOW SEASON)

FISH CAUGHT ID	FISH PROCESSING							SALES							
	<p>8. How many weeks have you or any member of your household processed (smoked, dried, froze, etc) [FISH SPECIES] during the last LOW season?</p> <p>9. How much [FISH SPECIES] did you and/or other members of your household preserve for later sale on an average week during the last LOW fishing season?</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.</p> <p>IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.</p> <div style="display: flex; justify-content: space-between;"> <div> <p><u>CODES FOR FISH QUANTITY UNITS:</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</p> </div> <div> <p><u>CODES FOR PROCESSING:</u></p> <p>SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4</p> </div> </div>							<p>10. For how many weeks did you sell [FISH SPECIES] during the last LOW fishing season?</p> <p>11. How much [FISH SPECIES] did you and/or other members of your household sell on average per week during the last LOW fishing season?</p> <p>During the weeks of operation, what was the average price per quantity unit?</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.</p> <p>IF ONLY ONE TYPE OF PROCESSING, LEAVE BLANK THE COLUMNS FOR PROCESSING TYPE 2.</p> <div style="display: flex; justify-content: space-between;"> <div> <p><u>CODES FOR FISH QUANTITY UNITS:</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</p> </div> <div> <p><u>CODES FOR PROCESSING:</u></p> <p>SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4 FRESH.....5</p> </div> </div>							
	PROCESSING TYPE # 1			PROCESSING TYPE # 2				PROCESSING TYPE # 1				PROCESSING TYPE # 2			
	NUMBER OF WEEKS	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.	NUMBER OF WEEKS	QUANTITY SOLD	UNIT	FORM OF PROCESS.	PRICE (TSH)	QUANTITY SOLD	UNIT	FORM OF PROCESS.
1.															
2.															
3.															
4.															
5.															



# MODULE L: FISHERIES OUTPUT (LAST LOW SEASON)

HOME CONSUMPTION							FINAL CHECK			
FISH CAUGHT ID	12. How much [FISH SPECIES] caught by you and/or other members of your household during the last LOW fishing season 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.          <div> <div> <u>CODES FOR FISH QUANTITY UNITS:</u>             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         </div> <div> <u>CODES FOR PROCESSING:</u>             SUN-DRIED..1            SMOKED.....2            ICED.....3            OTHER            (SPECIFY) ..4            FRESH.....5         </div> </div>						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          Almost none..1 1/4.....2 1/2.....3 3/4.....4 Almost all..5		14. <b>ENUMERATOR:</b> 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	
	PROCESSING TYPE # 1			PROCESSING TYPE # 2						
	NUMBER	UNIT	FORM OF PROCESS.	NUMBER	UNIT	FORM OF PROCESS.				
	1.									
2.						TEXT:				
3.										
4.										
5.										

MODULE L: FISHERIES OUTPUT (LAST LOW SEASON)

FISH CAUGHT ID	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 LOW fishing season.	
	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 NO . . 2 ►NEXT <b>GEAR</b>	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.
	GEAR		NUMBER OF UNITS	TSH
A	usipa (mosquito) net			
B	kambuzi (beach) seine			
C	mbedza (long /hand line)			
D	mbuka/ntaya/ukonde (gillnet)			
E	mono (fish traps)			
F	chavi / kokoro (castnet)			
G	madema (large fish trap)			
H	mtanbo wa usiko (network of small nets)			
I	bwato (dugout)			
J	plankboat			
K	mashua (outboard engine)			
L	ngalawa (twin-hull boat)			
M	other,specify: _____			
N	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?

YES...1

NO...2 ► **NEXT SECTION**

		PURCHASES				SALES				
2. 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.		3. During the last LOW fishing season, how much [FISH SPECIES] did you or any member of your household purchase from other fishers and/or fish processors on average per week as part of your fish trade business?  During the weeks of operation, what was the average price 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.				4. During the last LOW fishing season, how much [FISH SPECIES] did you or any member of sell on average per week as part of your fish trade business?  During the weeks of operation, what was the average price 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.				
<u>TYPE OF FISH:</u> CHAFI.....01 PAPA.....1 CHANGU....02 9 CHEWA.....03 PEREGE....2 DAGAA.....04 0 DAMU DAMU.05 PONO.....2 KAMBA.....06 1 KAMBALE...07 PWEZA.....2 KOLEKOLE..08 2 LUPAPA....09 SANGARA...2 LUKUMBU...10 3 MIGEBUKA..11 SATO.....2 MKIZI.....12 4 MKUNDAJI..13 SEHEWA....2 MUMI.....14 5 NGURU.....15 TASI.....2 JODARI....16 6 KITOGA....17 VIBUA.....2 KAMONGO...18		<u>CODES FOR FISH QUANTITY</u> <u>UNIT:</u> 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				<u>CODES FOR PROCESSING:</u> SUN-DRIED..1 SMOKED.....2 ICED.....3 OTHER (SPECIFY) ..4 FRESH.....5				
		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)
1										
2										
3										
4										
5										

## MODULE H: FISH TRADING (LAST LOW SEASON)

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

TIME FINISHED:

	<ul style="list-style-type: none"> <li>■</li> <li>■</li> </ul>	
--	--	--