

## Household Socioeconomic Survey

When the interviewer visits a household he/she should indicate if the survey was completed on the first visit or second or third visits.

Indicate the reasons for completing or not completing the interviews for each visit.

**Household Number** \_\_\_\_\_

Interviewer visits :

First visit (date) \_\_\_\_\_ Result : \_\_\_\_\_

Second visit (date) \_\_\_\_\_ Result : \_\_\_\_\_

Third visit (date) \_\_\_\_\_ Result : \_\_\_\_\_

Result code :

- (1) completed ;
- (2) no head of household home
- (3) Entire household absent for extended period
- (4) Postponed
- (5) refused
- (6) Dwelling vacant
- (7) Dwelling destroyed
- (8) Dwelling not found
- (9) Other

If no survey completed, randomly select a new household.

**REFER TO THE INFORMED CONSENT FORM AND READ IT ALOUD  
BEFORE BEGINNING THE INTERVIEW.**

GPS Location – UTM Zone: \_\_\_\_\_ Easting: \_\_\_\_\_ Northing: \_\_\_\_\_

Date \_\_\_\_\_ Village \_\_\_\_\_ Sub Village \_\_\_\_\_

Ward \_\_\_\_\_ Division \_\_\_\_\_

District \_\_\_\_\_ Region \_\_\_\_\_

Name of interviewer \_\_\_\_\_

Name of interviewee \_\_\_\_\_

Checked by: \_\_\_\_\_

Interview start time: \_\_\_\_\_ End time: \_\_\_\_\_

THIS PART OF THE SURVEY SHOULD, IF POSSIBLE, BE ANSWERED BY THE HEAD OF THE HOUSEHOLD (usually a man)

### Section A: Demographic Information

To begin, I would like to ask you some questions about yourself and your family and the people who live in your household. (PLEASE LIST THEM ALL EVEN IF THEY ARE NOT CURRENTLY HERE, FOR EXAMPLE, TEMPORARILY AWAY OR AT BOARDING SCHOOL.)

HOUSEHOLD ROSTER – FOR EACH PERSON IN THE HOUSEHOLD, ASK:

1. Please give the names of the people who usually live in your household, starting with yourself (the household head) even if they are not living with you right now.
2. ASSIGN A PERSON ID NUMBER: 1, 2, 3, 4, etc.
3. WRITE DOWN THE PERSON ID NUMBER OF THE RESPONDENT: \_\_\_\_\_
4. What is this person's relationship to the head of the household ?
  - 01 head of household
  - 02 spouse
  - 03 son / daughter (biological offspring)
  - 04 parent
  - 05 brother / sister
  - 06 relative by marriage
  - 07 other relative
  - 08 other, non-relative
5. What is this person's sex? 01 male 02 female
6. What is your / this person's age? (YEARS)
7. IF 12+ YEARS: What is your / this person's marital status?
  - 01 married or living together
  - 02 divorced or separated
  - 03 widowed
  - 04 never married
  - 99 other
  - 77 not applicable (e.g. under age 12)
8. IF 5+ YEARS: Are you / Is this person currently a student?
  - 00 no
  - 01 yes
  - 77 not applicable
9. IF 5+ YEARS: What is the highest level of education reached (by you / this person)?
  - 00 nursery
  - 01 standard 1
  - 02 standard 2
  - (etc.)
  - 07 standard 7

- 08 form 1
- 09 form 2
- 10 form 3
- 11 form 4
- 12 form 5
- 13 form 6
- 14 certificate
- 15 diploma
- 16 vocational
- 17 university
- 18 adult education
- 19 other type of education
- 20 none
- 88 DON'T KNOW
- 77 not applicable

9b. IF ANSWER TO Q9 IS 14-19, THEN ASK: What was the highest standard or form reached (by you / this person)?

- 00 nursery
- 01 standard 1
- 02 standard 2
- (etc.)
- 07 standard 7
- 08 form 1
- 09 form 2
- 10 form 3
- 11 form 4
- 12 form 5
- 13 form 6

10. IF 10+ YEARS: What is your/their main occupation? (CHOOSE ONE)

- 01 none
- 02 student
- 03 farmer
- 04 livestock keeper
- 05 casual laborer
- 06 small business (< TSh 100,000/- )
- 07 larger business (>= TSh 100,000/- )
- 08 professional (teacher, nurse, doctor, extension officer, etc.)
- 77 not applicable

10b. **TEST IN NEXT VILLAGES THEN CHOOSE 10 OR 10b:**

IF 10+ YEARS: Over the past 4 weeks, what kind of work have you / (did he / she ) spend the most time doing?

(CHOOSE ONE)

- 01 housework
- 02 farming
- 03 tending livestock
- 04 casual labour
- 05 working at a small business (< TSh 100,000/-)
- 06 working at a large business (>= TSh 100,000/-)

- 07 professional (teacher, nurse, doctor, extension officer, etc.)
- 08 looking for work
- 09 not working
- 77 not applicable

#### END OF HOUSEHOLD ROSTER

11. ASK A MALE HH HEAD: How many wives do you have? \_\_\_\_\_  
ASK WOMEN: How many wives in total does your husband/partner have? \_\_\_\_  
TYPE 77 if not applicable

12. Where is your place of birth (CHOOSE ONE):
- 01 This village \_\_\_\_ ? → If yes, skip to Q15
  - 02 If not this village this ward \_\_\_\_ ?
  - 03 If not this ward in this district \_\_\_\_ ?
  - 04 If not this district in this region \_\_\_\_ 9
  - 05 If not in this region in another region?
  - 06 if not another region, another country?
  - 9 Other (specify if different country) \_\_\_\_\_

13. If you were not born in this village when did you move here? \_\_\_\_\_ (year)

14. Question REMOVED

15. What is your religion?
- 01 Moslem \_\_\_\_\_ 02 Catholic \_\_\_\_\_ 03 Protestant \_\_\_\_\_ 04 Tradition \_\_\_\_\_
  - 05 None \_\_\_\_\_ 99 Other \_\_\_\_\_

16. What is your tribe: \_\_\_\_\_

#### **Section B: Civic engagement and effectiveness of leadership [Q1-3 asked, in villages 1-19, and 45+]**

Now I would like to ask you some questions about village leadership and your role.

- 1. Are you a member of the village government or on a village committee?  
01 Yes \_\_\_\_\_ 00 No \_\_\_\_\_
- 2. In the past 12 months, have you participated in a village assembly?  
01 Yes \_\_\_\_\_ 00 No \_\_\_\_\_
- 3. In the past 12 months, have you ever asked a village leader for assistance?  
01 Yes \_\_\_\_\_ 00 No \_\_\_\_\_

#### **Section C: Economic profile**

Next I would like to ask you some questions about the things you and members of your household own.

1. Does anyone in this household own any agricultural land?

00 No ==> SKIP TO Q.3

01 Yes

2. If yes, how many acres \_\_\_\_\_ [ IF NOT KNOWN ENTER 88]

3. Does anyone in this household rent any agricultural land?

00 No ==> SKIP TO Q.5

01 Yes

4. If yes, how many acres \_\_\_\_\_ [ IF NOT KNOWN ENTER 88]

5. If anyone in your household owns or rents land, how many acres did they cultivate in the last twelve months? \_\_\_\_\_ acres

IF 0 ACRES ==> SKIP TO Q.7

6. Which of the following crops did anyone in your household cultivate over the last 12 months?  
(READ LIST. "SACKS" CONTAIN 7 CANS)

	<b>Crops</b>	<b>Tick if harvested</b>	<b>No. of units harvest (specify units as sacks, tins, kgs, mkates, stalks)</b>	<b>No. of units sold either for money or for in-kind exchanges (barter)</b>
1	Maize (sacks)			
2	Beans (20 kg. cans)			
3	Cassava (sacks)			
4	Rice (sacks)			
5	Sunflower (cans)			
6	Onions (cans)			
7	Sorghum (sacks)			
8	Simsim (cans)			
9	Groundnuts (sacks)			
10	Cashews (kgs.)			
11	Tobacco (kgs.)			
12	Sweet potatoes (cans)			
13	Tomatoes (cans)			
14	Green vegetables (sacks)			
15	Coffee (sacks)			
16	Tea (kgs.)			
17	Cotton (kgs.)			
18	Coconut (cans)			
19	Bananas (stalks)			
20	Mangos (sacks)			
21	Papaya (sacks)			
22	Jatropha (cans)			

23	Peas (all kinds, cans)			
24	Wheat (sacks)			
25	Garlic (cans)			
99	Other (specify)			

7. a. To which of these crops does your household devote most land? \_\_\_\_  
 b. How many acres \_\_\_\_\_

Now we want to know about the animals owned by people who usually live here.

- a. How many ..... do you all have?  
 b. How many ... did you all sell in the past 12 months?  
 c. How much money did you get for all the ... that you all sold, in total?  
 d. How many ... did you all exchange in the past 12 months?  
 e. What was the value of the ... that you all exchanged, in total (TSh)?

(CODE "DON'T KNOW" as -88)

	<b>Animals</b>	<b>Total number now</b>	<b>How many animals did you all <u>sell</u> in the past 12 months?</b>	<b>How much money did you all get for all those <u>sold</u> (total)?</b>	<b>How many animals did you all <u>exchange</u> in the past 12 months</b>	<b>What was the value of the animals you all <u>exchanged</u> (total)?</b>
8.	Cattle	a.	b.	c.	d.	e.
9.	Sheep and Goats	a.	b.	c.	d.	e.
10.	Pigs	a.	b.	c.	d.	e.
11.	Chickens	a.	b.	c.	d.	e.
12.	Chicks	a.	b.	c.	d.	e.
13.	Donkeys, horses, mules, camels	a.	b.	c.	d.	e.
1.	Ducks	a.	b.	c.	d.	e.
15.	Others (specify)	a	b.	c.	d.	e.

Now I will ask you about other things that people in your household might have sold or bartered.

In the past 12 months, did anyone in your household sell any ...?

IF YES, ASK: What was the value of those sales (total) ? Please do your best to estimate this.  
 (TYPE 88 FOR "don't know" OR "cannot estimate")

In the past 12 months, did anyone in your household barter any of these...?

IF YES, ASK: How many (how much) of the .... were (was) bartered, out of all those sold and bartered by household members?

INTERVIEWER INSTRUCTIONS: HELP RESPONDENTS FIGURE THIS OUT !!

LIVESTOCK PRODUCTS	a. Sold any...?  00 no 01 yes	b. How much, total? (TSh)	c. Barter any...? 00 no 01 yes
16. meat	a.	b.	c.

17. skins	a.	b.	c.
18. milk	a.	b.	c.
19. eggs	a.	b.	c.
20. others	a.	b.	c.

NATURAL RESOURCE PRODUCTS	a. Sold any...?  00 no 01 yes	b. How much, total? (TSh)	c.Barter any...? 00 no 01 yes
21. firewood	a.	b.	c.
22. charcoal	a.	b.	c.
23. timber or building poles	a.	b.	c.
24. water	a.	b.	c.
25. medicinal plants	a.	b.	c.
26. bushmeat	a.	b.	c.
27. grasses (roofing, fodder, etc)	a.	b.	c.
28. honey	a.	b.	c.
29. fish	a.	b.	c.
30. other	a.	b.	c.

31. In the past 12 months, have you received any of the following items from anyone living in another household? IF YES: what would you estimate was the value of these items? (TYPE 888 for “don’t know”)
- school tuition, uniforms, books, supplies TSh \_\_\_\_\_ (IF NONE TYPE “0”)
  - medical expenses TSh \_\_\_\_\_
  - equipment such as bicycles, fans, cell phones, etc. TSh \_\_\_\_\_
  - supplies for home construction or repairs, farming supplies, etc. TSh \_\_\_\_\_
  - livestock or poultry TSh \_\_\_\_\_
  - food, cash, clothing TSh \_\_\_\_\_
  - other TSh \_\_\_\_\_
32. What about money from businesses and salaries that people in this household made in the last 12 months? Please make the best estimate you can for people ages 10+.
- TOTAL for all people (ASK 1<sup>st</sup>, DO NOT CORRECT): TSh \_\_\_\_\_
  - Person 1 made about TSh \_\_\_\_\_
  - Person 2 made about TSh \_\_\_\_\_
  - Person 3 made about TSh \_\_\_\_\_
  - Person 4 made about TSh \_\_\_\_\_
  - Person 5 made about TSh \_\_\_\_\_

- g. Person 6 made about TSh \_\_\_\_\_
- h. Person 7 made about TSh \_\_\_\_\_
- i. Person 8 and all others ages 10+ made about TSh \_\_\_\_\_ total
33. Which of the following assets does anyone in your household own? COUNT ONLY THOSE ASSETS THAT USUALLY WORK, THAT IS, ARE NOT BROKEN AND THAT ARE FOUND IN THIS HOUSEHOLD [i.e. not in a second home]

	Assets	Number
01	House	
02	Cart	
03	Hoes	
04	Motorcycle	
05	Boat/canoe	
06	Bicycle	
07	Plough	
08	Tractor	
09	Sewing machine	
10	Lantern (kerosene or ethanol/sprits light of any sort)	
11	Refrigerator	
12	Generator	
13	Wheelbarrow	
14	Computer	
15	Radio	
16	Water tank	
17	Video player/DVD player	
18	Chair (count stools as chairs)	
19	Car	
20	Cell phone	
21	Sofa	
22	Solar panel system	
23	Beds	
24	Cupboards	
25	Chest of drawers	
26	Dining set	
27	Watches	
28	Outboard motor	
29	Drums ( <i>pipa</i> )	
30	Television	

34. What material(s) were used to build your primary house where most people in this household live?

Materials	House 1
<b>Walls</b>	
01 Cement blocks	
02 Baked bricks	
03 Mud and poles	



04 Sheet metal	
05 Wood	
06 Thatch	
07 Mud bricks	
08 Lime and stone	
99 other	
<b>Floor</b>	
01 Cement and sand	
02 Earth / Clay	
99 Other (specify)	
<b>Roof</b>	
01 Thatching grass / palm thatch and poles	
02 Mud poles and grass	
03 Mud and straw	
04 Corrugated iron sheets (aluminum)	
05 Thatch grass	
06 Tiles	
99 other	

35. Is this primary house connected to an electricity grid? 00 No 01 Yes

36. What kind of toilet do most members of your household usually use?

Type	Toilet
00 None	
01 Pit	
02 Flush	

37. Do you share this toilet with other households?

01 Yes

00 No ==> SKIP to Q.39

38. IF YES: How many households? \_\_\_\_\_

39. Does your household have any mosquito nets that can be used while sleeping?

01 Yes

00 No ==> SKIP to NEXT SECTION

40. IF YES: How many does your household really use at night against mosquitos? \_\_\_\_\_

41. Since you got the net, was it ever soaked or dipped in a liquid to repel mosquitos?

01 Yes

00 No

42. Over the past 12 months, did your household experience any of the following unexpected shocks / disasters?

- a. A death of someone in this household yes/no
- b. A death of a relative not living in this household yes/no
- c. Paying for a marriage yes/no

- d. A serious illness / untreatable disease or injury of someone in this household    yes/no
- e. Break-up of the household (via separation, divorce)
- f. Someone jailed
- g. Robbery / burglary / assault
- h. Dwelling damaged or destroyed
- i. Loss of land
- j. Fire
- k. Severe water shortage
- m. Floods
- n. Substantial loss of crops due to weather (drought, flooding, etc)
- o. Substantial loss of crops due to crop diseases or crop pests
- p. Livestock died or were stolen
- q. Failure of a household business (non-agricultural)
- r. Loss of salaried employment or non-payment of salary
- s. Large fall in sale prices for crops
- t. Large rise in price of food
- u. Large rise in agricultural input prices [fertilizer, insecticide, etc.]

43. Which event had the most severe affect on this household? \_\_\_\_\_

- 01. A death of someone in this household    yes/no
- 02. A death of a relative not living in this household    yes/no
- 03. Paying for a marriage    yes/no
- 04. A serious illness / untreatable disease or injury of someone in this household
- 05. Break-up of the household (via separation, divorce)
- 06. Someone jailed
- 07. Robbery / burglary / assault
- 08. Dwelling damaged or destroyed
- 09. Loss of land
- 10. Fire
- 11. Severe water shortage
- 13. Floods
- 14. Substantial loss of crops due to weather (drought, flooding, etc)
- 15. Substantial loss of crops due to crop diseases or crop pests
- 16. Livestock died or were stolen
- 17. Failure of a household business (non-agricultural)
- 18. Loss of salaried employment or non-payment of salary
- 19. Large fall in sale prices for crops
- 20. Large rise in price of food
- 21. Large rise in agricultural input prices [fertilizer, insecticide, etc.]

77. Not applicable

44. Did this [MOST SEVERE SHOCK] cause a reduction in household income and/or assets?

- 01 income loss
- 02 asset loss
- 03 loss of both
- 04 neither
- 77 not applicable

45. Which event had the SECOND most severe affect on this household? \_\_\_\_\_

(same codes as Q43)

46. Did this [SECOND MOST SEVERE SHOCK] cause a reduction in household income and/or assets?

- 01 income loss
- 02 asset loss
- 03 loss of both
- 04 neither
- 77 not applicable

#### Section D: Natural Resource Use

Now I'm going to ask you some questions about the resources your household uses.

1. Over the past four weeks, what has been the main source of drinking water for members of your household? ONLY CHOOSE ONE

- 01 Public tap or standpipe
- 02 Dug protected (covered) well
- 03 Dug unprotected (uncovered) well
- 04 Water from protected (managed) spring (that is, people/livestock cannot wash in it; livestock cannot drink directly, etc.)
- 05 Surface water (river/dam/lake/pond/canal/irrigation channel)
- 06 Water from unprotected (uncovered) spring
- 07 Piped into dwelling
- 08 Piped to yard/plot
- 09 Rainwater
- 10 Tanker truck
- 11 Cart with small tank
- 12. Bottled water
- 13 Other (Specify) \_\_\_\_\_

2. IF 01-06, ASK: How long has it been taking, during the last four weeks, to go there, get this water and come back? \_\_\_\_\_ (minutes) (TYPE 888 for DON'T KNOW)

3. Do you do anything to the water to make it safer to drink?

- 01 Yes
- 00 No → SKIP to Q5
- 88 Don't know → SKIP to Q5

4. If yes, what do you usually do to make the water safer to drink (RECORD ALL MENTIONED)

- |  |       |        |
|--|-------|--------|
| a. Boil                                  | 00 no | 01 yes |
| b. Add Bleach/chlorine                   | 00 no | 01 yes |
| c. Strain through a cloth                | 00 no | 01 yes |
| d. Use water filter (ceramic, sand, etc) | 00 no | 01 yes |

- e. Solar disinfection 00 no 01 yes  
f. Let it stand and settle 00 no 01 yes
5. Over the past four weeks, what has been the main source of water used by your household for other purposes such as cooking and hand-washing? (CHOOSE ONE):  
01 Public tap or standpipe  
02 Dug protected well  
03 Dug unprotected well  
04 Water from protected spring  
05 Surface water (river/dam/lake/pond/canal/irrigation channel)  
06 Water from unprotected spring  
07 Piped into dwelling  
08 Piped to yard/plot  
09 Rainwater  
10 Tanker truck  
11 Cart with small tank  
12. Bottled water  
13 Other
6. IF 01 TO 06, ASK: How long has it been taking, during the last four weeks, to go there, get this water and come back \_\_\_\_\_ (minutes) (TYPE 888 for DON'T KNOW)
7. What type of fuel does your household mainly use for cooking? (CHOOSE ONE)  
01 Electricity  
02 LPG—liquid propane gas  
03 Natural gas  
04 Biogas  
05 Kerosene  
06 Coal lignite  
07 Charcoal  
08 Wood  
09 Straw/shrub/grass  
10 agricultural crop  
11 animal dung  
12 Other (specify)\_\_\_\_\_
8. In this household is food cooked on an: CHOOSE ONE  
01 open fire  
02 open stove  
03 closed stove with chimney or other
9. Is cooking usually done in the: (CHOOSE ONE)  
01 House  
02 Separate building  
03 outdoors
10. Over the last 12 months how many times do you or people in your household use bushmeat. (CHOOSE ONE)  
01 Never  
02 Rarely

- 03 Sometimes  
04 Often  
05 Very often

11. When people in this household eat bushmeat, where does it usually come from?  
(CHOOSE ONE, DO NOT PROMPT)

- 01 We buy it  
02 We are given it by villagers or relatives  
03 We hunt  
04 We find carcasses  
05 We eat at another person's house  
06 It is killed by dogs  
07 It is given by a ranger or a hunting company  
07 Other

### Section E: Loss of Livestock

Next I am going to ask you some questions about any livestock or animals you own.

How much of the following type of livestock did you and other household members lose to the following factors in the last twelve months? (*Write total number under each animal*)

<b>Factors</b>	<b>a. Cows</b>	<b>b. Sheep/Goats</b>	<b>c. Chickens/Chicks</b>	<b>d. Ducks</b>	<b>e. Pigs</b>
1. Diseases (specify)	a. ECF b. ? c. CBPP d. ? e. Foot-in-Mouth f. Diarrhea g. ? h. Anthrax i. Lumpy Skin Disease j. Brucellosis k. Don't Know l. Others	a. ECF b. ? c. CCPP d. ? e. Foot-in-Mouth f. Diarrhea g. ? h. Anthrax i. Lumpy Skin Disease j. Brucellosis k. Don't Know l. Others	a. Newcastle Disease b. Diarrhea c. Smallpox d. Don't know e. Others	(same as Chickens)	
2. Drought					
3. Theft					
4. Wild animals and/or dogs (specify)	a. leopard b. hyena c. lion d. elephant e. jackal f. others	a. leopard b. hyena c. lion d. elephant e. jackal f. others	a. leopard b. hyena c. mongoose d. jackal e. birds f. others	a. leopard b. hyena c. mongoose d. jackal e. birds f. others	a. leopard b. hyena c. lion d. elephant e. jackal f. others

5. Others (specify)					
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ECF = East Coast Fever

CBPP = Contagious Bovine Pleural Pneumonia

CCPP = Contagious Caprine Pleural Pneumonia

? = unsure of translation from Swahili to English

6. Some chickens have become sick in Tanzania from a disease called Newcastle. Has there been Newcastle disease in this village in the past 12 months? 01 Yes 00 No 88 Don't know

7. Have the chickens in this household been vaccinated for Newcastle disease within the last four months?

00 No 01 Yes 02 We have no chickens 03 No, but they were vaccinated in the past 88 Don't know

## Section F: Human-wildlife interactions

Now I would like to ask you some questions about wild animals in this village.

1. What benefits has your household had from wild animals in the past 12 months?  
PROMPT "anything else?" BUT DO NOT READ OPTIONS.

- a. No benefits 00 no 01 yes  
b. Cash from tourism  
c. Cash from game meat  
d. Environmental conservation project  
e. Cultural benefits  
f. Gift of game meat from friends or relatives  
g. No wildlife ==> SKIP TO NEXT SECTION  
h. Other (specify) \_\_\_\_\_

2. What problems has your household faced related to wild animals in the past 12 months? (PROMPT "anything else?" BUT DO NOT READ OPTIONS.

- a. None 00 no 01 yes  
b. Livestock diseases  
c. People injured or killed  
d. Crop destruction  
e. Livestock injured, killed, or eaten  
f. No wildlife  
g. Other (specify) \_\_\_\_\_

Now I would like to ask you, concerning the problems mentioned, if there have been any change in the past five years? (DO NOT READ OPTIONS)

Conflict Type	Change	Why has there been an increase/decrease?	What animals?	How do you address the problems?
---------------	--------	--	---------------	----------------------------------

Crops	3. Change: 01 Increased	4. 00 no / 01 yes a. Animals have shifted to this area.    b. Numbers of wildlife have increased. c. Fewer/no wildlife officers to protect us. d. Now farming land closer to wildlife e. More people living in the village f. Other (SPECIFY)	5. 00 no/ 01 yes a. Antelope b. Wild pig c. Elephant d. Monkeys e. Baboons f. Birds g. Porcupine h. Buffalo i. Rat j. Hippo k. Zebra l. Others	6. 00 no / 01 yes a. Light a fire to scare wildlife away b. Use scarecrows c. Kill the wildlife d. Plant hot pepper e. Report to wildlife officer f. Patrol the fields g. Make noise h. Drive wildlife away i. Other (SPECIFY)
	02 Decreased			
	03 No change			
	04 Do not know			
Livestock (include dogs)	7. Change: 01 Increased	8. (same as above)	9. 00 no /01 yes a. Leopard b. Hyena c. Lion d. Elephant e. Jackal f. Others	10. 00 no / 01 yes a. Build strong barns b. Sleep in barn c. Protect while herding d. Build stronger enclosures e. Kill the wildlife f. Report to wildlife officer g. Make noise h. Drive wildlife away i. Other (SPECIFY) j. We do nothing
	02 Decreased			
	03 No change			
	04 Do not know			
Chickens	11. Change: 01 Increased	12. (same as above)	13. 00 no /01 yes  a. Leopard b. Hyena c. Mongoose d. Jackal e. Birds f. Others	14. 00 no / 01 yes a. Build strong chicken houses b. Build strong fences c. Kill the wildlife d. Report to wildlife officer e. Make noise f. Drive wildlife away g. Other (SPECIFY) h. We do nothing
	02 Decreased			
	03 No change			
	04 Do not know			
Human beings	15. Change: 01 Increased	16. (same as above)	17. 00 no/01 yes  a. Lion b. Leopard c. Hyena d. Elephant e. Buffalo f. Cheetah g. Others	18. 00 no / 01 yes a. Kill the wildlife b. Report to wildlife officer c. Have toilet in safe area d. Don't let children herd alone e. Be careful f. Don't walk in dark g. Make noise h. Others (SPECIFY)
	02 Decreased			
	03 No change			
	04 Do not know			

				i. Do nothing
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## Section G: Attitudes and Knowledge about Protected Areas

SKIP SECTION IF VILLAGE NOT NEAR A PROTECTED AREA:

Now I would like to ask you about protected areas.

1. Are there any areas in or near your village where the use of natural resources is restricted? (*Do not prompt.*).

01 Yes

00 No

2. Do you know [SAY PROTECTED AREAS IN OR NEAR THIS VILLAGE] ?

a. [AREA 1] 00 no 01 yes

b. [AREA 2] 00 no 01 yes

IF NO FOR BOTH → SKIP TO NEXT SECTION

3. In the past 12 months, have any of the protected area managers ever hosted a village meeting?

00 No 01 Yes 88 Don't know

From (list each previously mentioned protected area), what have been the benefits for your household?

What are the problems your household has because of this protective area (PA)? (*Do not prompt*)

Protected Area	Benefit	(if monetary how much and what was done with the money)	Problem
PA01	4. 00 no / 01 yes a. Employment b. Good environment (fresh air etc) / conservation c. Rains come because of forest d. Money for the village e. Projects (infrastructure, clinic...) f. Firewood, building poles, timber g. Tourism h. Water, from cachement area i. More grazing; grasses j. Prevents erosion k. Wildlife viewing l. Beekeeping m. Others n. No benefits o. Don't know	5. 00 no / 01 yes a. Nothing has been done with the money b. Money used for village school c. Health services d. Water projects e. Other f. Don't know	6. 00 no / 01 yes a. No benefits from PA b. Not allowed to take wood for firewood, building c. Human-wildlife conflict d. Crop damage from wildlife e. Livestock killed by wildlife f. Restricted from or punished for using PA g. No problems h. Other
PA02	7.	8.	9.




10. Which groups of people have benefited most from protected area management support?  
[READ OPTIONS BELOW AND HAVE THEM CHOOSE ONE.]

01 Mostly the poor

02 Mostly the rich

03 Everyone in the village

04 A few select individuals

05 No one

DON'T READ: 88 Don't know

4. How can the protected area managers help your household or the village? (CHECK ALL THAT APPLY, DO NOT READ)

a. Anything would help (no specific suggestion given)

00 no 01 yes

b. Don't know

c. "Nothing", that is, they cannot help – we do not need help

d. No response

e. Respondent believes managers will not help (based on previous experience), will not answer question

f. Improve social services (water, school, dispensary)

g. Build a house for me, give me livestock

h. Divide the land into farms

i. Continue protecting the Protected Area

j. Help with expenses for needy children

k. Allow us to use the natural resources without permits (firewood, poles, timber, grasses) or provide the permits for free

l. Prevent the wildlife from causing problems

m. Educate us about conservation

n. Visit us and listen to our suggestions

o. Provide loans for business

p. Give us food

q. Give us compensation for destruction caused by wildlife

r. Give us employment

s. Provide farming equipment or agricultural inputs

t. Give us money

u. Give us bushmeat

v. Others

5. How would you feel if the protected area(s) near here was (were) degazetted (that is, no longer protected).

6. "Why?"

	12. Feeling	13. Why (DO NOT READ)
--	-------------	-----------------------

	01 Happy	Reasons for happiness: a. able to use natural resources without penalty b. able to farm on that land c. we did not benefit from the protected area d. others (happy) Reasons for sadness: e. may lead to drought, less water, less rain f. less money from tourism / no tourists g. government/village will not get money h. environmental degradation i. will not get aid (projects) j. desertification k. wildlife will disappear l. wildlife will lose their own area and will come into ours m. lack of employment or sales n. others (sad)
	02 Sad	
	03 Indifferent	
	04 Not answered	

## Section H: Attitudes and Knowledge about Hunting

SKIP SECTION IF VILLAGE NOT NEAR A HUNTING BLOCK:

Now I am going to ask you some questions about hunting companies.

1. In your experience, have any hunting companies operated in or near this village in the past 12 months? 00 no 01 yes 88 don't know

2. Do you know [SAY HUNTING COMPANIES OPERATING IN OR NEAR THIS VILLAGE]?

a. [HC 1] 00 no 01 yes

b. [HC 2] 00 no 01 yes

IF NO FOR BOTH → SKIP TO Q16

3. Have any of the hunting companies ever hosted a village meeting?

01 Yes \_\_\_\_ 00 No \_\_\_\_ 88 Don't know \_\_\_\_

From (list each previously mentioned hunting company), what benefits has your household received? What problems has your household had with the company? (**Do not prompt**)

Hunting Company	Benefit	(if monetary how much and what was done with the money)	Problem
HC01	4. 00 no / 01 yes a. Employment	5. 00 no / 01 yes a. Nothing has been	6. 00 no / 01 yes a. No benefits from

	b. Money for the village c. Projects (infrastructure, clinic...) d. Tourism e. Business with tourists or company employees f. Others g. No benefits h. Don't know	done with the money b. Money used for village school c. Health services d. Water projects e. Other f. Don't know	hunting company b. Hunting company mistreats people c. Not allowed to take wood for firewood, building d. Restricted from or punished for using area e. No problems f. Other
HC02	7. (same as above)	8. (same as above)	9. (same as above)

10. Which groups of people have benefited most from hunting company support? [READ THE OPTIONS BELOW AND HAVE THEM CHOOSE ONE]

- 01 Mostly the poor
- 02 Mostly the rich
- 03 Everyone in the village
- 04 A few select individuals
- 05 No one
- DON'T READ: 88 Don't know

11. How can the hunting companies help your household or the village? (CHECK ALL THAT APPLY, DO NOT READ)

- a. Anything would help (no specific suggestion given) 00 no 01 yes
- b. Don't know
- c. "Nothing", that is, they cannot help – we do not need help
- d. No response
- e. Respondent believes hunting companies will not help (based on previous experience), will not answer question
- f. Improve social services (water, school, dispensary)
- g. Build a house for me, give me livestock
- h. Help with expenses for needy children
- i. Prevent the wildlife from causing problems
- j. Educate us about conservation
- k. Visit us and listen to our suggestions
- l. Provide loans for business
- m. Give us food
- n. Give us employment
- o. Provide farming equipment or agricultural inputs

- p. Give us money
- q. Give us bushmeat
- r. Protect the wildlife
- s. Treat us with respect
- t. Buy things from us
- u. Others

How would you feel if (list each previously mentioned hunting company ) were removed (**Prompt**)? Why?

Hunting Company	Feeling	Why
HC01	12. Feeling: 01 Happy	13. Why? 00 no / 01 yes <u>Reasons for happiness:</u> a. we did not benefit from the company b. we will have freedom to protect our natural resources (the hunting co. now controls everything) c. the company is reducing the numbers of wildlife d. the company (illegally) hunts at night e. they do not follow the rules f. others (happy) <u>Reasons for sadness:</u> g. government/village will not get money h. will not get aid (projects) i. lack of employment or sales or tips/gifts j. without the control and patrols of the hunting company, wildlife will come into our village k. environment will be ruined l. they follow the rules m. others (sad)
	02 Sad	
	03 Indifferent	
	04 Not answered	
HC02	14. Feeling: 01 Happy	15. Why? (same as above)
	02 Sad	
	03 Indifferent	
	04 Not answered	

#### Illegal hunting

16. Does poaching happen on your village land? 01 Yes\_\_ 00 No \_\_ 88 Don't know \_\_\_\_

42. Does poaching happen in areas surrounding your village lands?

01 Yes\_\_ 00 No\_\_ 88 Don't know \_\_\_\_ → If NO go to NEXT SECTION

43. Where are the poachers coming from? (READ LIST AND CHECK ALL THAT APPLY)

- a. Neighboring villages      00 no    01 yes
- b. This village
- c. Larger towns
- d. Don't Know
- e. Other

44. Is poaching an important activity for people in the village?  
01 Yes \_\_\_\_ 00 No \_\_\_\_ 88 DK \_\_\_\_

45. According to your knowledge, in the past 5 years, has poaching from your village:  
01 Increased  
02 Stayed the same ==> SKIP TO NEXT SECTION  
03 Decreased  
04 Do not know ==> SKIP TO NEXT SECTION

46. If it has increased or decreased, what do you think is the primary reason for the change?  
CHOOSE ONE RESPONSE, in either (a) or (b):

- a. IF INCREASED:      [77 not applicable ... PDA will skip if NA]  
88 Don't know  
01 Need for income  
02 Wildlife is less protected now than in past  
03 Prices for alternatives (beef, etc) have risen  
04 More people are selling bushmeat (as a business)  
05 Animals are coming to get water and then are poached  
06 Others
- b. IF DECREASED:      [77 not applicable ... PDA will skip if NA]  
88 Don't know  
01 Protection of animals (patrols, arrests, etc) has increased  
02 Number of wildlife has decreased  
03 Others

## Section I: Attitudes and Knowledge about Photographic Tourism

SKIP SECTION IF SAFARI COMPANIES/CAMPS DO NOT OPERATE NEAR VILLAGE

Now I am going to ask you some questions about tourists who may come through or near your village as part of photographic safari companies or camps.

1. To your knowledge, do tourists or safari companies ever operate in or near this village?  
01 Yes    00 No    88 Don't know
2. Do you know [PHOTO SAFARI CO/CAMP OPERATING IN OR NEAR THIS VILLAGE]?  
a. [PS 1] 00 no    01 yes  
b. [PS 2] 00 no    01 yes  
c. [PS 3] 00 no    01 yes  
d. [PS 4] 00 no    01 yes  
IF NO FOR ALL → **SKIP to next section**
3. Have any of the photographic companies ever hosted a village meeting?  
01 Yes\_\_ 00 No\_\_ 88 Don't know \_\_\_\_

4. From photographic safari companies and camps operating in or near this village, what benefits, if any, has your household received? DO NOT PROMPT
- a. Employment 00 no 01 yes
  - b. Money for the village
  - c. Projects (infrastructure, clinic...)
  - d. Tourism
  - e. Business with tourists or company employees
  - f. Others
  - g. No benefits
  - h. Don't know
5. What problems, if any has your household had with these safari companies and camps? DO NOT PROMPT
- a. No problems
  - b. Payment not received on time
  - c. We don't receive any income from them
  - d. others (SPECIFY) \_\_\_\_\_
6. Which groups of people in your village have benefited most from the photographic safari companies? READ OPTIONS. CHOOSE ONE.
- a. Mostly the poor
  - b. Mostly the rich
  - c. Everyone in the village
  - d. A few select individuals
  - e. No one
7. DO NOT READ: 88 Don't know \_\_\_\_ How can photographic safari companies help you or the village? (CHECK ALL THAT APPLY, DO NOT READ)
- a. Anything would help (no specific suggestion given) 00 no 01 yes
  - b. Don't know
  - c. "Nothing", that is, they cannot help – we do not need help
  - d. No response
  - e. Respondent believes safari companies will not help (based on previous experience), will not answer question
  - f. Improve social services (water, school, dispensary)
  - g. Build a house for me, give me livestock
  - h. Help with expenses for needy children
  - i. Educate us about conservation
  - j. Visit us and listen to our suggestions
  - k. Provide loans for business
  - l. Give us food
  - m. Give us employment
  - n. Provide farming equipment or agricultural inputs
  - o. Give us money
  - p. Protect the wildlife
  - q. Treat us with respect
  - r. Buy things from us
  - s. Others

8. How would you feel if photographic safari companies were not allowed to operate in or near this village? (READ LIST, CHOOSE ONE)
- 01 Happy
  - 01 Sad
  - 02 Indifferent
  - 03 Not answered
9. Why? (DO NOT PROMPT, EXCEPT “anything else?”)
- Reasons for feeling happy:
- a. No benefits from them                      00 no   01 yes
  - b. They do not follow the rules              00 no   01 yes
  - c. Other reasons for feeling happy        00 no   01 yes
- Reasons for feeling sad:
- d. government/village will not get money from tourism    00 no   01 yes
  - e. ill not get aid (projects)
  - f. lack of employment or sales or tips/gifts
  - g. they follow the rules
  - h. other reasons for feeling sad

## J. END OF INTERVIEW

THANK THEM FOR THEIR TIME. INDICATE THAT WE HOPE TO RETURN IN 2-3 YEARS TO ASK THESE QUESTIONS AGAIN. ASK FOR FOLLOW UP CONTACT INFORMATION:

### HEAD OF HOUSEHOLD

1. a. NAME: \_\_\_\_\_ b. CELL PHONE: \_\_\_\_\_

### PHONE NUMBER FOR OTHER HOUSEHOLD MEMBERS:

2. a. NAME: \_\_\_\_\_ b. PHONE: \_\_\_\_\_
3. a. NAME \_\_\_\_\_ b. PHONE: \_\_\_\_\_
4. a. NAME \_\_\_\_\_ b. PHONE: \_\_\_\_\_

### INTERVIEWER’S OPINION AT END OF INTERVIEW:

5. Level of cooperation (CHOOSE ONE):
- 01 did not cooperate
  - 02 a little cooperative
  - 03 somewhat cooperative
  - 04 mostly cooperative
  - 05 very cooperative
6. Level of understanding of the content (CHOOSE ONE):
- 01 very little
  - 02 little

- 03 good
- 04 very good
- 05 excellent

7. How much Swahili does the respondent speak and understand? (CHOOSE ONE)

- 01 most or all
- 02 some
- 03 very little or none
- 88 don't know because respondent would not speak to interviewer in Swahili

8. Interpreter used for interview? 00 no 01 yes

9. IF YES: Sex of interpreter? 01 male 02 female

10. IF YES: What language did he/she interpret into? (SELECT language of respondent from drop-down list, see variable dictionary)

11. Comments:\_\_\_\_\_ (FOR EXAMPLE: truthfulness, memory good or not, careful or sloppy responses, makes up or guesses answers; wife scared to talk in husband's presence; women won't talk near strange men; etc. )

- a. Respondent seemed open / truthful 00 no 01 yes
- b. Respondent appeared to remember things well / clearly
- c. Respondent answered carefully
- d. Respondent appeared to make up or guess answers
- e. Respondent did not seem free to talk / was scared of giving answers
- f. Having a male interviewer/interpreter was a problem for this woman
- g. Interpreter was not good
- h. Interview went well overall
- i. Interview was ok but there were a few difficulties
- j. Difference in age between respondent and interpreter affected responses
- k. Other

*For use in coding previously collected comments:*

- 1. Respondent had problems understanding Swahili