

ILSSI/IFPRI Study on Irrigation, Gender and Nutrition: Ethiopia Community Questionnaire

Informed Consent for Community Survey: To be read aloud to all participants

“We are coming from the International Food Policy Research Institute (IFPRI) in association with the Feed the Future Innovation Lab for Small-Scale Irrigation to talk to you about agricultural practices, dietary and health practices, and other livelihood activities in your community. If you agree to participate, the information you provide will be used for research purposes only. There are no risks identified with participating in the study. Your answers will not affect any benefits or subsidies you may receive now or in the future. Your responses to these questions will be anonymous and remain strictly confidential. Your name will not appear in any data that is made publicly available. You may ask any questions before or during the administration of the questionnaire if you would like more information. Do you consent to provide information for this study? You may withdraw from the study at any time, and if there are questions that you would prefer not to answer then we respect your right not to answer them.”

Receive Consent from all participants in group:

1. Has consent been given? (01=Yes, 00=No) [☐ ☐]
2. Has consent been given? (01=Yes, 00=No) [☐ ☐]
3. Has consent been given? (01=Yes, 00=No) [☐ ☐]
4. Has consent been given? (01=Yes, 00=No) [☐ ☐]
5. Has consent been given? (01=Yes, 00=No) [☐ ☐]
6. Has consent been given? (01=Yes, 00=No) [☐ ☐]
7. Has consent been given? (01=Yes, 00=No) [☐ ☐]
8. Has consent been given? (01=Yes, 00=No) [☐ ☐]
9. Has consent been given? (01=Yes, 00=No) [☐ ☐]
10. Has consent been given? (01=Yes, 00=No) [☐ ☐]

Survey Staff Details

ENUMERATOR NAME:

DATE OF INTERVIEW:

STARTING TIME

NAME OF SUPERVISOR:

/ /		
MM	DD	YYYY
/		
HOUR	MIN	

DATE OF QUESTIONNAIRE INSPECTIONS BY SUPERVISOR:

1st inspection

2nd inspection

/ /			/ /		
M	DD	YYYY	MM	DD	YYYY
M					

REGION		ZONE		WOREDA		KEBELE	
A1		A2		A3		A4	

REGION CODE:

- 1 Tigray
- 2 Amhara
- 3 Oromia
- 4 SNNPR

ZONE CODE

- 1
- 2
- 3
- 4
- 5

WOREDA CODE

KEBELE CODE

GPS coordinates

			Degree	Minute	Second
A5	GPS Latitude	N			
A6	GPS Longitude	E			
A7	Elevation (in meters)				

Module A: Roster of Participants

ID CODE	NAME MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO ARE PART OF THE GROUP OF INFORMANTS FOR THE COMMUNITY QUESTIONNAIRE.	SEX MALE.1 FEMALE. 2	How old are you? [WRITE -88 IF AGE IS NOT KNOWN] YEARS	What position do you currently have in this community? [A TEXT SHOULD BE ALLOWED IN THIS FIELD TO INPUT RESPONSE FOR "OTHER, SPECIFY" VILLAGE CHIEFS 1 VILLAGE COUNCELORS.....2 VILLAGE DEVELOPMENT COMMITTEE (VDC). . . 3 AREA DEVELOPMENT COMMITTEE.....4 DEVELOPMENT AGENT.....5 BUSINESS MAN/WOMAN.....6 RELIGIOUS LEADER.....7 TEACHER.....8 OTHER (SPECIFY).....9	For how many years have you lived in this community? CUMULATIVE YEARS
ID	CB1	CB2	CB3	CB4	CB5
1					
2					
3					
4					
5					
6					
7					
8					

Module B: Access to Services

	1. Can people from this community access [service]? 1. Yes 2. No >>Next service	2. Which method of transport do people from this community usually use to go to service? 1. On foot 2. Bus 3. Animal cart 4. Car 5. Bicycle 6. Rickshaw 7. Motorbike 8. Other, specify	3. How long, in minutes and one way, does it take to get to [SERVICE] from community center using the usual mode of transport? # MINUTES	4. How satisfied are you with service? 1. Very unsatisfied 2. Somewhat unsatisfied 3. Neutral/not sure 4. Somewhat satisfied 5. Extremely satisfied
A. District/woreda headquarters				
B. Pre-primary school or nursery school				
C. Primary school				
D. Secondary school				
E. Health Post				
F. Health Center				
G. Market (daily)				
H. Market (weekly)				
I. Milling Machine				
J. Bank, Sacco, credit union				
K. Extension service office				
L. Police station				
M. Bus stop				
N. Agri-service provider (ag inputs)				
O. Veterinary Services				

5. Does the community have easy access to a main road? _____ [1 YES ; 2 NO]

6. How far away is the main road from the village center? _____ [# KM]

7. What percent of houses would you say have electricity? _____ [PERCENT]

8. How reliable is the electricity? [1 Never available; 2 Available less than half the time; 3 Available more than half the time; 4 Always available]

9. How many hours per day you have electricity, on average, per season? [# HOURS] 1) Rainy _____ 2) Dry _____

Module C: Irrigation Services

1. Where do residents go to purchase irrigation equipment?	2. Can you name some local irrigation suppliers?	3. How far away is the nearest irrigation supplier?	4. Is there someone in the village who can provide technical service for irrigation pumps (fix/repair problems, etc)?	5. Where do residents go to repair irrigation pumps/technologies? [FILL IN]
1. In same village 2. Market within district 3. Market outside of district	1. _____ 2. _____ 3. _____	1. <10 km 2. 10-20 Km 3. 20-50 Km 4. 50-100 Km 5. More than 100 Km	1. Yes 2. No -88 Not sure	

6. Where is the closest well digging service provider? A. _____ [FILL IN NAME OF LOCATION, OR -88 IF DON'T KNOW]

B. _____ [FILL IN APPROX. # KM AWAY, OR -88 IF DON'T KNOW]

7. Is there a financial provider that offers loans for irrigation equipment? _____ [1 YES ; 2 NO; -88 DON'T KNOW]

8. Compared to five years ago, how would you describe the quantity of water available? _____ [1 Much less; 2 Somewhat less 3. No change; 4 Somewhat more; 5 Much more]

9. What percent of households in the village practice irrigation? _____ [PERCENT]

10. What are the main sources of water for irrigation? _____ [list all that apply]

1 River

2 Lake

3 Dam

4 Pond

5 Groundwater

6 Harvested Water

7 Other, specify _____

11. What are the types of irrigation that people practice? _____(list all that apply)

1. 1 Surface/Flooding
2. 2 Sprinkler
3. 3 Drip
4. 4 Furrow
5. 5 Level basin
6. 6 Bay/border strip
7. 7 Bucket/hose/ watering can
8. 8 Other, specify_____

12. What are the main irrigated crops during Meher? [FILL IN, LIST UP TO 5 CROPS]

1)_____2)_____3)_____ 4)_____ 5)_____

13. What are the main irrigated crops during Belg? [FILL IN, LIST UP TO 5 CROPS]

1)_____2)_____3)_____ 4)_____ 5)_____

14. What percent of the households in this community has a kitchen garden? _____(percent)

15. Does your community have a water users association?_____ [1 YES ; 2 NO]

16. How is irrigation water managed?_____ [1 Water user committee; 2 Canals; 3 Community pond; 4 Regulations 5 Other, specify]

17. Who participates in water management? _____ [1 Men; 2 Women; 3 Both]

18. Are there conflicts in the community about water?_____ [1 YES ; 2 NO>>Q20]

19. How are conflicts about water distribution resolved? _____

1. Informally
2. Village chief
3. Village committee
4. Water user committee
5. District government committee
6. Other, specify

20. How would you describe the quantity of irrigation water....

- a. During the Meher _____?
- b. During the Belg? _____?
 1. Sufficient year round
 2. Sufficient only for part of the season
 3. Never sufficient

Main irrigation seasons (list months)	Frequency of irrigation (if surface water used) [LIST AS # OF TIMES PER <i>unit</i>]		UNIT CODES
	# of times	UNIT	
Season 1:			
Season 2:			
Season 3:			
Season 4:			

1 DAY
 2 2 DAYS
 3 WEEK
 4 MONTH
 5 PLANTING
 6 OTHER, SPECIFY

Water Sources

Water source	21. What are the main sources of cooking/drinking water in this community? (check all that apply)	22. What percent of the community has access to this water source? (Write 0 if no one has access)	23. Do you pay to access/use water from [source]? 1. Yes 2. No	24. Is water from [source] sufficient year round? 1. Yes 2. No	25. How would you describe the quality of this water (for drinking)? 1. Very bad 2. Bad 3. Neither good nor bad 4. Good 5. Very good	26. What is the average depth of groundwater from [well type]? [# of Meters]
A. Piped into dwelling						
B. Piped into plot/yard						
C. Public tap/stand pipe						
D. Tube well/borehole						
E. Protected dug well						
F. Unprotected dug well						
G. Protected Spring						
H. Unprotected Spring						
I. Rainwater Collection						
J. River/ponds/stream						
K. Tanker-truck/vendor						
L. Irrigation Channel						
M. Bottled Water						

MODULE D: Livestock and small-scale irrigation

1. Do members of the community use irrigation to grow feed for livestock? _____ [1 YES ; 2 NO >>3]
2. What proportion of farmers? _____
3. Does irrigation of other crops increase or decrease feed availability for livestock? _____ [1 INCREASE; 2 DECREASE; 3 NO EFFECT]
4. How does it increase/decrease feed availability? [FILL IN]

5. Do livestock interfere with small-scale irrigation? _____ [1 YES>>6 ; 2 NO >>Module E]
6. How do livestock interfere with small-scale irrigation? [FILL IN]

MODULE E: Sanitation, Hygiene and Health

1. What percentage of households in this community have their own latrine? [FILL IN PERCENT]	2. What percent of households have access to a public latrine? [WRITE 0 IF NO PUBLIC LATRINES]	3. How common would you say open defecation is in this community? 1 Never practiced 2 Uncommon 3 Somewhat common 4 Very common 5 Always practiced -88 Don't know	4. What percentage of the time would you say people practice open defecation? [FILL IN PERCENT]	5. Why would you say people practice open defecation? [WRITE ALL THAT APPLY] 1 Cultural norm 2 Lack of latrines 3 Convenience 4 Work far from latrine 5 Lack of education on hygiene 6 Other, specify	6. What do the majority of households do with waste (trash)? 1 Burn it 2 Bury it 3 Collected by government 4 Discard in River/stream 5 Discard at house 6 Discard in community 7 Other, specify

Health: Fill in the options for questions 7-10 so that they correspond to each particular illness.

7. What are the most common sicknesses? (list up to 5)	8. When people are sick, where do they most often seek treatment? 1 Health center 2 Health post 3 Private clinic 4 Individual private practice 5 Traditional healer/religious healer 6 Other (specify)_____	9. Why do they seek treatment there? 1 It is closer 2 It is cheaper 3 It is free 4 It is the most effective 5 They have more supplies/medicines 6 Tradition/habit 7 Other, specify	10. Compared to five years ago, do people get sick more often, less often, or the same? 1. More often 2. Less often 3. The same
1) _____ 2) _____ 3) _____ 4) _____ 5) _____	1) _____ 2) _____ 3) _____ 4) _____ 5) _____	1) _____ 2) _____ 3) _____ 4) _____ 5) _____	1) _____ 2) _____ 3) _____ 4) _____ 5) _____

MODULE F: Agriculture

<p>1. In this community, do parents sometimes take their children out of school to work on the farm?</p> <p>1 Yes 2 No>>3</p>	<p>2. Are boys or girls more often taken out of school for agricultural work?</p> <p>Boys.....1 Girls.....2 Equal.....3</p>	<p>3. What are the major agricultural problems faced by the households in this community? List up to 3 in order of importance [SEE CODE 1 BELOW]</p>			<p>4. What are the major strategies used in this community to solve agricultural problems faced by households in this community? List up to 3 and in order of importance [SEE CODE 2 BELOW]</p>		
		1ST IMPORTANT	2ND IMPORTANT	3RD IMPORTANT	1ST IMPORTANT	2ND IMPORTANT	3RD IMPORTANT

CODE 1: Problems Code

1. Shortage of agricultural inputs (e.g., labor, improved seeds), farm equipment)
2. High price of agricultural inputs
3. Long distance to agricultural input markets
4. Low soil fertility
5. Limited access to farming land/small land size
6. Land tenure insecurity
7. Poor quality of seeds
8. Crop pests and diseases
9. Drought
10. Unfavorable weather condition (e.g., excessive rain, untimely rain, excessive cold, excessive heat
11. Pests/insects
12. Poor storage condition
13. Too small
14. Too far
15. Long distance to output market
16. Fluctuating output price
17. Limited access to grazing land
18. Poor forage quality
19. Insufficient feed for livestock
20. Limited access to drinking water
21. Low-yield animal variety
22. Poor animal housing
23. Disease
24. Limited access to veterinary service and medications
25. Animal death
26. Conflict over land, water, and other resources
27. Lack of information/limited knowledge
28. Limited access to credit
29. Lack of transportation
30. Poor road quality
31. Theft
32. Other problems

CODE 2: Strategies Code

1. Increase household's labor share
2. Participate in labor exchanges
3. Adjust input use (e.g., seeds and fertilizer) to conditions
4. Rent/hire/share/purchase agricultural and
5. Borrow/rent/hire farm equipment
6. Use irrigation
7. Build soil conservation structures
8. Use pesticides
9. Dig bore holes/wells/dams/reservoirs/streambeds
10. Migration
11. Use silo/nkhokwe/pit granary
12. Store crops in home
13. Rent/hire storage space from others
14. Build storage unit
15. Use pesticides
16. Postpone sale of produce
17. Sale produce in piecemeal
18. Sale produce in neighboring countries
19. Hire transport (alone or as a group)
20. Rent/hire grazing land
21. Purchase/trade forage
22. Diversify breeds/breeding habits
23. Migrate for grazing and/or water
24. Purchase high yield breeds
25. Sell/slaughter animals
26. Market in an association/delay marketing
27. Join farmers' association
28. Borrow money from family/friends/banks
29. Rely on government support/charity
30. Ask advice from family/friends/extension agents
31. Reduce household expenditures
32. Share transport
33. Rent/hire transport
34. Other interventions
35. Took no action
36. None

5. What are the five main crops grown?	6. What are the 3 main income generating activities that men participate in?	7. What are the 3 main income generating activities that women participate in?
1) _____	1) _____	1) _____
2) _____	2) _____	2) _____
3) _____	3) _____	3) _____
4) _____		
5) _____		

8. Are vegetables and fruits available in the local market? _____

9. Is meat available in the local market? _____

10. Is fish available in the local market? _____

11. Is dairy available in the local market? _____

Codes for Q F8-11	
1.	Never available
2.	Almost never available
3.	Sometimes available
4.	Almost always available
5.	Always available

12. How would you describe the previous season's weather and rainfall?	13. In the past 10 years, have you noticed any of the following in your community: [CHECK ALL THAT APPLY]	
1. Drier than normal 2. Wetter than normal 3. Same	A. More variation in the timing of the start/stopping of the rains	
	B. More variability in rainfall patterns (more rain at the beginning of the season)	
	C. Droughts	
	D. Floods	
	E. Hot weather	

MODULE G: Training Programs

1. What agriculture, livestock, nutrition, and health training programs that have been in your community in the past 3 years?

Name of Project	Still active? 1. Yes 2. No	Project Sponsor	Project Activities	Who Participates 1 Men only 2 Women only 3 Both men and women
A.				
B.				
C.				
D.				
E.				
F.				
G.				

Additional Notes: