|--|

Labor supply and productivity in times of environmental shocks: the case of arsenic contamination in Bangladesh IZA & The University of Sydney Baseline Questionnaire for Household Survey

Fill out the identification information below CODE 01. Name of the hh head & member ID 02. Name of the hh head father/husband 03. District name & code#####1=: 2= 3=;4= 04. Upazila name & code t 05. Union name & code t 06. Village name & code t 07. Household Location t 09. Type of HH t 1= Red TW user; 2=Green TW user; 08. HH number 3= Untested TW user t 1=Muslim, 2=Hindu, 3=Buddha, 4=Christian, 5=Others. 11. Religion 12. Ethnic group: [1=Bengali] 13. Mobile number [own mobile? Yes=1, no=2] 14. Name of Interviwer & ID t 15. Name of Interviwer & ID t Month Year Day Year Day Month 16. Date of Interview: Hour Minute Hour Minute 17. Starting time (24h time): 18. Ending time (24h time): HOUSEHOLD GPS COORDINATES ENUMERATOR: Retrive GPS coordinates of HH while standing outside the front door of the house under a clear sky when possible '[Format: HDDDDD] GPS ID Way point O N 0 E

Survey Conducted by: Evaluation and Consulting Services Ltd. (ECONS), Dhaka-1207

Consent form

and Consulting Services (ECONS) some detailed questions about your and will be used by researchers only outside the project team. There are	Ltd. conducting household and y for research no risks to you	ng a resead househ purposes or your	VISIT: Good day, I am [NAME]. I am part of a team of researchers from Evaluation arch study on rural households in four districts of Bangladesh. I will be asking you old members. The information I collect from you will be kept absolutely confidential, s. No personally identifying information will be published or shared with anyone family in answering these questions. Your participation is completely voluntary and sestions about the study or the survey at a later date, you may contact, Director for
Do you agree to participate?	1=Yes, 2=No		If "2"> STOP SURVEY

Contents

SECTION	SECTION TITLE	RESPONDENTS TO BE INTERVIEWED	TARGET GROUP	
Section: 1.1	Household Roster & Basic Information	HH head/spouse	Current members	
Section: 1.2	Birth date, Height and Weigh of Children	All members/HH head/spouse	Current members	
Section 1.3	Migration	HH head/spouse	Current members	
Section: 1.4	Occupation/Work, Employment and NGO Membership	HH head/spouse	Current members	
Section: 2	Housing, Sanitaiton and Electricity	HH head/spouse	Household level	
Section: 3	Water and Arsenics	HH head/spouse	Household level	
Section: 4	Health Information	All members/HH head/spouse	Current members	
Section: 5	Land Iwnership	HH head /most knowledgeable person	Household level	
Section: 6	Economic Activities and Wage Employment	All members/HH head/spouse	Current members	
Section: 7	Agriculture Production	HH head /most knowledgeable person	Household level	
Section: 8	Non-agricultural Business/Enterprise	HH head /most knowledgeable person	Household level	
Section: 9	Labor Allocation	All members/HH head/spouse	Current members	
Section: 10	Credit	Most knowledgeable person	Household level	
Section: 11	Savings	HH head /most knowledgeable person	Household level	
Section: 12	Food Expenditure	HH head/spouse	Household level	
Section: 13	Non-food Expenditure	HH head/spouse	Household level	
Section: 14	Assets	HH head /most knowledgeable person	Household level	
Section: 15	Shocks	HH head /most knowledgeable person	Household level	
Section: 16	Birth and Death Rate (Demography)	Female house hold head or wife of HH	Individual level	
Section: 17	Risk & Time Preferences	HH head/spouse	Individual level	

Section 1.1: Household member list & general information: (please write month for below 5 years aged all members)

Mem		Gender	Marital	Relations	Age*		Can	Currently	Institutiona	al Education		Marks/0	Grades		Name of	Type of	Occupa	ition
ber ID	Name (Head of	Male-1 Female-2	status	hip with the househol d head			read or write?	studying? 1=Yes 2=No	Highest grade/level attained/ (Code-3)	Type of educational Institution (Code-4)	Bengali	English	Math	CGPA/ Divi- sion	Exam (Code-5)	educational		
	household ID circled)	Male=1 Female=2	(Code-1)	(Code-2)	Month	Year	1=Yes 2=No										Primary	iluai y
1	2	3	4	5	6_1	6_2	7	8	9_1	9_2	10_1	10_1	10_1	10_1	11	12	13_1	13_2
						1												

Code 1. Marital status:	Code 2. Relation with head of household:	Code 3. Education:		Code 4. Educational institution category	Code 5. Exam code
1= Unmarried, 2=married, 3=Widow/Widower, 4= Abadoned, 5= Separated, 6= Divorced	1= Households Head, 2 = Wife/Husband, 3 = Son/Daughter, 4 = Brother/sister, 5 = Father/mother, 6= Father-in-law/mother-in-law, 7 = Son-in-law/daughter-in-law, 8 = Brother-in-law/sister-in-law, 9 = Grand son/grand daughter, 10 = Nephew/Neice, 11 = Brother-in-law/sister-in-law, 12 = Other Relatives, 13=servant, 14=others non relative	No Class Passed 0 Class one 1 Class two 2 Class three 3 Class four 4 Class five 5 Class six 6 Class seven 7 Class eight 8 Class nine 9 Class Ten 10 SSC or equivalent 11	HSC 1st Year/2nd year 12 HSC or equivalent 13 BA (Pass) 14 Honors (Running) 15 Honors (Pass) 16 MA or equivalent 17 Above MSC 18 Medical/engineer 19 Diploma 20 Vocational 21 Pre-primary 22 Mosque/Temple education 23 Others (Specify) 24 Never attended school 99	Government 1 Private Bangla 2 Private English 3 NGO run 4 Alia Madrasa 5 Kaomi Madrasa 6 Other Madrasa 7 Ananda school 8 College 9 University 10 Mosque/Temple 11 Vocational 12 Open university 13 Others (write) 14 Not applicable 99	Class 1

	Occupation code-6 Occupation code-6									
Agricultural Work (On Farm) 1 Agricultural work on own farm 2 Supervisory work on agricultural activity on own farm 3 Agricultural wage labor 4 Share cropper / cultivate plot owned by others Agricultural work (Off Farm) 5 Fisherman (Fishing) 6 Fish culture 7 Look after live stocks 8 Look after Poultry (Duck, Chicken, Pigeons) 9 Cultivation of fruits 10 Agricultural wage labor (Off Farm) 11. Nursery 12 Other agricultural activities (excluding 5-12)	Non Farm Activities Industrial Enterprise 13 Processing of crops 14 Family labor in Enterprise 15 Family labor in Tailoring 16 Family labor in Sewing 17 Family labor in Pottery 18 Family labor in Blacksmith 19 Family labor in Goldsmith 20 Repairing of manufactured products 21 Carpenter 22 Mechanic 23 Wage labor 24 Dssuhqwifh#	Trade 25 Petty Trade (Small retail shop) 26 Medium Trader (Retail and insignificant wholesale) 27 Wholesale Trader/ Aratdari 28 Contractor 29 Labour contractor/Head of the labor 30 Employee Transport 31 Rickshaw/ Van Pulling 32 Boat man 33 Wage labor in transport 34 Other transport workers 35 Driver 36 Motor byke driver 37 CNG/vutvuti/Auto rickswa 38 Helper	Construction work 39 Mason 40 Helper 41 Other construction worker 42 Earthen work 43 House Repairing (fixing) Self Employed Profession 44 Doctor 45 Kabiraj 46 Advocate / Moktar 47 Barber 48 Washerman 49 Full time house tutor 50 Muhuri/ Peshkar/ Imam/ Purohit 51 Dhatri 52 Kutir Shilpi (Handicrafts) 53 Bobine shuta Bora	Miscellaneous Services 54 Service (Employee) 55 Pension 56 Service worker in NGO 57 Servant in house (Maid/ Male) 58 Others self employment Others 59 Income from revenues from Hats, Bazars 60 Income from rent 61 Household work 62 Child 63 Student 64 Beggar 65 Unemployed 66 Disabled 67 Housewife 68 Others	1= Stydy 2 = Travelling 3 = Searching for job in town 4 = For agricultural 5 = For skilled work in town 6 = For unskilled work in town 7 = Service in town 8 = For staying abroad 9 = Not staying out side 10 = Others					

Section 1.2 Details on height and weight measurement (for all household members) *In column 7, for children below 5 years, please to write date of birth his/her emunization card

	ii tii iiis/iiei eiiiu													
Member	Name of the	Is this	Place of birth#				At what	Distance of	*When were you	Can be	Weight	Height	For how	If stayed
ID	member	village					age	the birth	born?	measured?			many months	outside in
(copy		was born?					come to	place from	Day/Month/Year	1= Yes			during the	the last six
from							this	the current	(only for children	2= Reason not			past 12	month,
the		1=Yes,					village?	place of	up to 5 yrs)	measured			months has	reasons for
previous		2=No>>6						residence	1 ,	3= Not able to			[] been	staying?
page)			*****		** '1	District	(Age)		5 01 171	meet	<i>a</i> \	, ,	away from	
1 0 /			Village/area	Union	Upazila	(code)		(in KM)	Day/Month/Year	4= Refused	(kg)	(cm)	home?	(Code 7)
1	2	3	4_1	4_2	4_3	4_4	5	6	7	8	9	10	11	12
									, ,					
									//					
									//					
									/ /					
									, ,					
1			1					1	/ /			1		

^{*}In column 7, for children below 6 months, please write the day as well.

Section 1.3 Migraiton

(Ask all household members 10 yrs and above. If someone went outside home for a week or more to find job or to perform a job)

Member ID	How many times you went	If migrated more than once, type	When die		Where did you move for the first time to?			When did you go for the last time?		Where did you move for the first time to?			
	for work/in	of migration:	time?		If Abroad, write	If Abroad, write name of country				If Abroad, write name of country			
	search of work? (if '0', go to the next member)	Only once1 Seasonal2 Non-seasonal3			If <u>Urban</u> region, write name of <u>city and</u> <u>district</u>			If <u>Urban</u> region, write name of <u>city and district</u> If <u>Rural</u> region, write name of <u>district</u>					
		Both 2 &34	Month	Year	If Rural region, Country code	Town	District code	Month	Year	Country code	Town	District code	
1	2	3	4.1	4.2	5.1	5.2	5.3	6.1	6.2	7.1	7.2	7.3	

Sl	Question	Code (write)	Answer code
8	How many relatives of this households live in this village?		Number
9	Does the household have any previous member specifically from father,mother,son,daughter,brother,ssioter currently lives outside the village.		1 =Yes, 2 = No>> Sec. 1.4
10	If yes,when she/hemoved?		(Write the year of leaving)
11	If yes, what is the relationship with the household head?		1 =father 2 =,mother,3 =son, 4 =daughter, 5=brother,6=sister
12	If yes, how far does she/he lives?		(Km.) [if abroad other country pls write name]-

Section 1.4: Employment Information and NGO membership [Note: Includes all family member there age 10 years and above]

Member ID (copy from the roster page)	Name of the member	Did you work during the last 7 days? Yes1 No2 >> column 5	Where was your place of work? (Code-1) >>column 7	Did you look for work during the past 7 days? Yes1 >> column 7 No2	Why did you not look for work? (Code-2)	Currently a member of any NGO? 1=Yes 2=No
1	2	3	4	5	6	7

Note: In colum-3, include all economic activities including family farms/firms/business etc. If works as a unpaid family labor in economic activities, include such activities as well.

Work place: Code 1	D	id not look work: Code 2
1=Same village	On leave1	Too young8
2=To another village in same union	Waiting to start new job2	Temporarily sick9
3=To another Union of same thana	No work available3	Handicapped10
4=To another Thana of same district	Domestic work4	No need work11
5=To another district	Housewife5	Currently no work available so don't search12
6=To Dhaka	Student6	Others (Specify)13
7=Abroad	Too old/retired7	

Section 2: Housing, Sanitation and Electricity

Q No	Questions Questions	Answer (Code)	Answer code
1	How many rooms does your household occupy? (observed) [excluding rooms exclusively used for business]		Number of Rooms
2	What is the area of the room where the household head lives? (measure)		Square hand
3	How many rooms are pucca? (observed)		Number of Rooms
4	How many rooms are semi-pucca? (observed)		Number of Rooms
5	What is the main construction material of the wall? (observed)	<u> </u>	Brick/Cement
6	What is the main construction material of the roof? (observed)		Wood
7	What is the main construction material of the floor? (observed)		
8	What type of latrine does the household use? (observed)		Sanitary latrine
9	By what you wash your hands after latrine?	<u> </u>	1 = Soap/detergent poder; 2 = chai; 3 = Water/mud 4 = Other(soecify)
10	Does the household have an electricity connection?	<u> </u>	Yes, National grid
11	What is your house area (Decimal) including homestead?		Decimal
12	What is your present occupancy status?		Owner 1 Renter 2 Squatter 3 Provided free by relatives/ employer 4 Govt. quarter 5 Other 6
13	Question 12 if the answet is 1 or 2 then If you wanted to buy/ construct a dwelling just like this today, how much money would you have to pay		Taka

Section 3: Questions Related to Water and Arsenics

	e of water used for drinking, cooking and irrigation [Respondent: household head/wife					
Sl	Questions	Ansv	ver	Answer code		
1	Does the household own a tubewell/is there a tubewell installed within the compound?	<u> </u>	_ :	1= Yes, $2=$ No		
2	Total number of tubewell currently owned by the households		_	Number		
3	If it is not your own, what is your relation to the owner of the tubewell?		_ b	1. Friend/neighbor, 2. No relation, 3. Relative, same pari, 4. Relative, different bari, 5. Landlord or lender or shopkeeper or employer, 6. Other (specify), 7. NA		
4	Identify the TW closest to the house from the TW survey:		_ _	_l		
		Dry Season	Wet Season			
	the primary source of your drinking water? (Code 1)	<u> </u>		1=Piped water; 2=Tubewell; 3=Shallow Tubewell; 4=Deep Tubewell;5=Pond/ river/ surface water; 6=Well; 7=Waterfall/spring; 8=River/ pond/ well water after boiling; 9=Rain water; 10=Other, specify		
6. Number	of times per day you/your household collect water from this source (walk them through the day.					
E.g., on a	typical day, when do you first collect water? When is the next time, and so on) (number)			Number		
7. How los	ng does it take to reach this source? (in minutes on foot)			In munites on foot		
8. Once th	ere, how long does it take to collect the water? (in minutes)			Munites		
9. Do you	ever have to wait for others to collect water?		<u> </u>	1=always, 2= usually, 3= sometimes, 4= rarely, 5=/ never		
10. How l	ong do you usually have to wait? (in minutes)			Munites		
11. How l	ong does it take to return? (in minutes)			In munites on foot		
12. What	are the main reasons you choose this source? (circle all that apply to it)	; ;	; ;	1=close to home, 2=arsenic free; 3=iron free; 4=free of salinity; 5=the owner is a relative/friend		
13. (If mo	ore than one reasons is mentioned), which of these would you say the most important?			6=others (specify).		
14. How d	o you rate the taste of the water from this source?	<u> </u>		1=excellent; 2= good; 3=okay; 4=bad; 5=extremely bad; 9=Don't know/never tried		
15. Do yo	u/your household treat this water in any way before drinking it?			0=no>>17; 1=boil it; 2=filter it; 3=chlorinate; 4=others		
16. How f	requently do you do this treatment?	<u> </u>	<u> </u>	1=always; 2=usually; 3=sometimes; 4=only very rarely		

SI	Questions		Ansv	ver			swer code			
17. Do yo	ou know if there is arsenic in that water?			_				1=No, it is arsenic from 9=Don't know	ee, 2=Yes, it has arsenic,	
18. (If answered 1 or 2 in 17), how certain are you of this?						١		1=not certain, 2=som	newhat certain, 3= very certain	
19. Why	do you think so?							1=seen the test/label; 3=someone told me;	2= everyone knows it; 4=Other (specify)	
20. Do yo	ou pay to use water from this source, either in cash, in kind or with	h serv	ices?			I		1=Yes, 2=No		
21. What i	s the primary source of cooking water? (Code 1)			<u> </u>	4=Deep Tu 6=Well; 7=		4=Deep Tubewell;5=P 6=Well; 7=Waterfall/s	ewell; 3=Shallow Tubewell; cond/ river/ surface water; pring; 8=River/ pond/ well water vater; 10=Other, specify		
22. How le	ong does it take you to reach your source of cooking water? (in minutes	on foo	ot)	<u> </u>		<u> </u>	_	Munite [If source i	n home boundary write '0']	
23. What a	are the irrigation water sources for vegetables/fruits cultivated by the hor	usehol	d? (Code 2)	_			1=Surface water; 2=Ground water;			
24. What a	are the irrigation water sources for rice produced by the household		(Code 2)	I_				3=Both surface and ground water		
25. Who in the household decides where to fetch water for drinking? (Note down serial number of all household members involved)						_ _	_ ;		_ ;	
26 For wh	nich purposes do you use tubewell water? [prompt]	01	All			07	Bathin	ıg		
20/10/ //	[check all applicable]	02	None	08 Water			Water	for feeding animals		
	(Multiple responses allowed)	03	Drinking	09 Irriga			Irrigat	ion		
	(04	Cooking			10	Other			
		05	Washing utensils/di	shes/pot	es/pots; 11 Not applicable					
		06	Washing clothes							
Sl	Questions				Answ	er		An	swer code	
27	Suppose your current source of drinking water was/were no longer available. What source would you use? [If tubewell, write the tubewell ID from the survey]						_	Tubewell ID		
Tell me the main reasons you will choose this source? (circle all that apply to it)						<u> ; </u>			senic free; 3=iron free;	
(If more than one reasons is mentioned), which of these would you say the most important?								4=free of salinity; 5 = the owner is a relative/friend 6=others (specify).		
30	Do you know how does it taste to drink water from this source?							1=excellent; 2= good; 3 bad; 9=do not know/ne	B=okay; 4=bad; 5=extremely ver tried	
31	How long does it take to reach the source?			1	1	1	1	Munites		

SI	Questions	Answer	Answer code
32	What is your relationship to the owner?	<u> </u>	1= friend/neighbor, 2= no relation, 3= Relative, same bari, 4= Relative, different bari, 5= Landlord or lender or shop- keeper or employer, 6= other – specify; 7=Owner
33	Is there arsenic in that water?	<u> </u>	1=No, it is arsenic free, 2=Yes, it has arsenic, 9=Don't know
34	(If answered 1 or 2 in 33), how certain are you of this?	<u> </u>	1=not certain, 2=somewhat certain, 3= very certain
35	Why do you think so?		1=seen the test/label; 2= everyone knows it; 3=someone told me; 4=others (specify)
36	Do you think you would have to pay to use it – either in cash, in kind or with services?	<u> </u>	1=Yes, 2=No, 9=Don't know
37	Suppose the second source you mentioned is no longer available. What source would you use? [If tubewell, write the tubewell ID from the survey]		Tubewell ID
38	Tell me the main reasons you will choose this source? (circle all that apply to it)	; ;	1=close to home, 2=arsenic free; 3=iron free;
39	(If more than one reasons is mentioned), which of these would you say the most important?		4=free of salinity;5 = the owner is a relative/friend 6=others (specify)
40	Do you know how does it taste to drink water from this source?		1=excellent; 2= good; 3=okay; 4=bad; 5=extremely bad; 9=do not know/never tried
41	How long does it take to reach the source?		Munites
42	What is your relationship to the owner?		1= Friend/neighbor, 2= No relation, 3= Relative, same bari, 4= Relative, different bari, 5= Landlord or lender or shop- keeper or employer, 6= Other (specify); 7=Own
43	Do you know if there is arsenic in that water?		1=No, it is arsenic free, 2=Yes, it has arsenic, 9=Don't know
44	(If answered 1 or 2), how certain are you of this?		1=not certain, 2=somewhat certain, 3= very certain
45	Why do you think so?		1=seen the test/label; 2= everyone knows it; 3=someone told me; 4=others specify)
46	Do you think you would have to pay, either in cash, in kind or with services?		1=Yes, 2=No; 9= do not know

33. Distance to and use of River/Well/Shallow Tubewell/Deep Tubewell water

	•	Pond	River	Dug-well	Shallow/deep TW
47	"We have learned that other people in this community sometimes get drinking water from [] Would you consider this if your current source were not available?" (1=yes, 2=no)				
48	Tell me the main reasons you will choose this source? (circle all that apply to it) [1=close to home, 2=arsenic free; 3=iron free; 4=free of salinity; 5= the owner is a relative/friend 6=others (specify)]				
49	(If more than one reasons is mentioned), which of these would you say the most important?				
50	How long will it take for you to reach []? (in minutes on foot)				
51	If not own, what is your relation to the owner of the tubewell? [Code: 1= friend/neighbor, 2= no relation, 3= Relative, same bari, 4= Relative, different bari, 5= Landlord or lender or shopkeeper or employer, 6= other – specify; 7= Own]				
52	Do you think this [] water is safe for drinking? [1=not suitable for drinking, 2=suitable for drinking; 9= do not know]				
53	Do you know how does it taste to drink [] water? [1=excellent; 2= good; 3=okay; 4=bad; 5=extremely bad; 9=do not know/never tried]				
54	Do you know if there is arsenic in that water? [1=No, it is arsenic free, 2=Yes, it has arsenic, 9=Don't know]				
55	(If answered 1 or 2 in 54), how certain are you of this? [1=not certain, 2=somewhat certain, 3= very certain]				
56	Why do you think so? [1=seen the test/label; 2= everyone knows it; 3=someone told me; 4=others]				
57	Do you think you would have to pay to use it - either in cash, in kind or with services? 1=Yes, 2=No, 9=Don't know				

B. Arsenic content in tubewells: If the household is drinking TW water, ask the following questions. If the household does not drink TW water, go to Section B1.

First. identify the tubewell (we need to know which tubew	rell the household curre	ently uses as its primary source of drinking water.	and we need to link to the tubewell survey)

Sl	Question	Answer	Answer code
1	Location description:		
2	ID of TW in the Tubewell survey: [VID+continues number]		; _
3	The TW that you/your household use for drinking water, is it labelled green or red?		1=Green>>Q6; 2=Red>>Q6; 3 Does not contain any label
4	Has your tubewell been tested for arsenic?		1= Yes; 2= No>>Q7; 3. Do not know>>Q7
5	Was arsenic found?		1= Yes; 2= No; 9= Don't know
6	Who tested it?		1= Government agencies; 2= NGOs; 3 Self/ individual; 4= Don't know; 5 Other, specify
7	Is the tubewell mentioned above the nearest one to you?		1= Yes; Q9; 2= No
8	If not, is the tubewell nearest to you arsenic free?		1= Yes, it is arsenic-free; 2= No, it is not arsenic-free; 9=Don't know
9	Do you know any TW in your village that has been marked green (or is arsenic free)?		1= Yes; 2= No>>Q11
10	How far is the nearest arsenic free TW?		Meters [write '0' if respondent does not know, write 1111 if there is no safe TW within the village]
11	How many such tubewells are there near you (closer than 100m)?	<u> </u>	Number [write 9999 if respondent does not know, write 1111 if there is no safe TW within the village]
12	How many tubewells contaminated with arsenic are there near you (closer than 100m)?		Number [write 9999 if respondent does not know, write 1111 if there is no safe TW within the village]
13	How many other households do you knowof whose tubewells were tested in the past?		Number [write 999 if does not know]

B1. History of tubewell and drinking water use	B1 .	History	of t	ubewell	and	drinkin	g water	use
--	-------------	---------	------	---------	-----	---------	---------	-----

Sl			Question								Answer	A	answer code
1	Have you bee	en using the tubewe	ll mentioned abov	e ever	e ever since you lived in this village?							1= Yes>>B2; 2= No	
2	Why did you switchto this new TW?										enic free; 3= It is both nearer and not using TW before; 5=High rate of		
3	Do you/your household use any other source of drinking water besides TW?									1= Yes; 2= No			
4	If you have e		before and/or dri	nk othe	er sour	rces c	of wa	iter, p	please p	orovide o	letails below on a	ill the tubewells and water sour	rces you have used in this village:
Serial		Since when hav	e you used this	ID of TW in the Tubewell				:11		If it is TW: Where is it?		If it is TW: Is it arsenic-	
no.	Source of	sour	ce?		S	urvey	y:				(Locati	ion description)	contaminated?
	water (Code 1)	From (year)	Until (year)										*(Code)
					_	_ _	_ _	_					
						_ _							
						_ _		_					
						_ _							
								_					
						_	_ _	_					

*Code: 1. yes, arsenic free; 2. no, not arsenic free; 3. do not know

B2. Col	lected Drinking Water Test Result from Household:		
SI	Questions	Answer	Answer code
1	Has this household water been tested?		1= Yes; 2= No>>C; 2= Not applicable>>C
2	If yes, what is the result?		(PPB)

C. Awareness of effects of excessive arsenic contamination and its impacts

SI	Questions	Answer	Answer code
1	Have you heard that arsenic contamination is aproblem?	<u> </u>	1 = Yes 2 = No
2	If yes, how long ago did you first heard about it?		Year
3	What is the source of aresenic contamination?	<u> </u>	1 = Yes, right answer; 2 = No, wrong answer

	What are the symptoms of arsenic poisoning?	Symptoms		Ans. Code	Code
4		1. Darkening of ski	n on palms	1=Yes, 2=Can't answer	
	[Do not prompt; only include answers given by the respondent]	2. Dark spots on th	e body	1=Yes, 2=Can't answer	
		3. Keratosis		1=Yes, 2=Can't answer	
		4. Cardiovascular d	isorder	1=Yes, 2=Can't answer	
		5. Respiratory diso	rder	1=Yes, 2=Can't answer	
		6. Others (specify)		1=Yes, 2=Can't answer	l i i
	What are the diseases caused from arsenic poisoning?	Disease		Ans. Code	Code
5		1. Keratosis		1=Yes, 2=Can't answer	
	(Do not prompt; only include answers given by the respondent)	2. Gangrenous Ulc	er	1=Yes, 2=Can't answer	
		3. Skin Cancer		1=Yes, 2=Can't answer	
		4. Lung Cancer		1=Yes, 2=Can't answer	
		5. Bladder Cancer		1=Yes, 2=Can't answer	
		6. Others (specify).		1=Yes, 2=Can't answer	
6	How long does it take to develop visible symptoms?	_	Month		
			Year Month	[Doesn't know 99]	
7	How long does it take to develop cancer?		Year	[Doesn't know 99]	
8	On a scale of 1 to 10, what are the chances that you/your household will purchase some food tomorrow?		Number of		
9	On a scale of 1 to 10, what are the chances that you/your household will purchase some food within the 7 days?	_	Number of	marbles	
10	On a scale of 1 to 10 (10 means most likely), what are the chances that someone drinking unsafe arsenic contaminated water will develop serious health conditions within 1 month to 1 year?	_	Number of	marbles	
11	On a scale of 1 to 10 (10 means most likely), what are the chances that someone drinking unsafe arsenic contaminated water will develop serious health conditions within 10 to 20 years?		Number of	marbles	
12	How many household members have symptoms related to arsenic poisoning?		Number of	persons [999 = doesn'	t know]
13	Does the household know others within the village with symptoms related to arsenic poisoning?		Number of	HHs [999 = doesn'	t know]
14	How many non-household members within the village do you know with symptoms related to arsenic poisoning?		Number of	persons [999 = doesn'	t know]

D. Respondent's Knowledge about Preventive Measures

SI	Questions	Answer	Answer Code
1	How can arsenic be removed from the water? [Do not prompt; only include answers given by the respondent] [Multiple responses allowed]		1= Filter 2= Tablets 3= Arsenic treatment plant 4= Boiling 5= Other, specify 9= Don't know
2	If you are drinking arsenic contaminated water, how willing are you to shift to arsenic-free water?	<u> </u>	1=Very willing; 2=Somewhat willing; 3=Not willing; 4=Not applicable
3	What are the alternate sources of arsenic free drinkable water? [Do not prompt; only include answers given by the respondent] [Multiple responses allowed]		1=Supply water; 2=Tubewell 3=Shallow/Deep tubewell 4=Pond/Dighi 5= Other, specify
4	How often have you discussed the health risks of arsenic with the following people	?	
	A. Other household member		1=Often; 2=Sometimes; 3=Rarely; 4=Never
	B. Neighbor		1=Often; 2=Sometimes; 3=Rarely; 4=Never
	C. Relatives in the same village		1=Often; 2=Sometimes; 3=Rarely; 4=Never
	D. Relatives in other village		1=Often; 2=Sometimes; 3=Rarely; 4=Never
	E. Friend/Others in village		1=Often; 2=Sometimes; 3=Rarely; 4=Never
	F. Friend/Others in other village		1=Often; 2=Sometimes; 3=Rarely; 4=Never
	G. Village leader, other person of authority within village		1=Often; 2=Sometimes; 3=Rarely; 4=Never

Section 4: Health

Member	Do you	have the f	following	symptor	ns?	Note: Most importan	it tempor	ary disea	ise, whic	h occured during the l	ast 30 days		How many
ID			in on palr	ns		Have you suffered	What il	lness hav	e you	Did this	Have you sought any	Why not?	days of
		spots on th	ne body			from any chronic		d in the la	ast 30	illness/injury	type of medical treatment	Give the	work/school
	3 Kerato					illness/ disability in	days?			prevented you from	related to your above	main reason	did you miss
		ovascular				the last 30 days?		(Code-1)		working	mentioned health		as a result of
		ratory disc	order			Vac 1	Marria	2)	1 - V	problems?		illness in the last 12
	6.No syı	mptoms				Yes 1 No 2 >> 8	(Maxiii	num 3 an	swers)	$ \begin{array}{rcl} 1 & = Yes \\ 2 & = No \end{array} $	Yes1 >> 8	(Code-2)	months?
						NO 2 0		ı .	1 .	2 – NO	No2	(Code-2)	months:
							1 st	2 nd	$3^{\rm rd}$		1102		
1	2_1	2_2	2_3	2_4	2_5	3	4_1	4_2	4_3	5	6	7	8
	<u> </u>		l	<u> </u>	L			l				L	

	Code 1: disease			Code 2: Reasons for not seeking medical treatment
1=Chronic Fever	14 Vomiting	27 Post delivery complications	40 Removal gallstone	1=Problem was not serious
2= Disability	15 Worm	28 Removal of uterus	41 Fracture	2=Nobody at home paid any attention
3=Chronic Dysentery	16 Cold	29 Other female disease	42 Convulsion	3=Nobody at home to take care of
4=Gastric ulcer	17 Cough	30 Anemia	43 Ear problem	4=No one could accompany ill person
5=Chronic Asthma/ Breathing trouble	18 ARI(Acute respiratory infection)	31 Goitre	44 Dental problem	5=It is a hassle to go outside the home
6=Arthritis	19 Pneumonia	32 Typhoid	45 Skin disease	6=Afraid to discover having a serious case
7=Chronic Arthritis / Rheumatism	20 Influenza	33 Cholera	46 Eye problem	7=Afraid to take action
8=Diabetics	21 Fever	34 Chicken pox	47 Tuberculosis (TB)	8=Distance is far
9=Chronic Blood pressure	22 Headache	35 Measles	48 Gangrenous ulcer	9=Didn't know where to go
10=Chronic Heart Disease	23 Fever with chills (malaria)	36 Mumps	49 Skin cancer	10=Treatment costs too much
11= Schizophrenia	24 Acidity	37 Tetanus	50 Keratosis	11= Tried previously but did not work
12=Diarrhea	25 Bladder/Urinary infection	38 Yellow fever	51 Lung cancer	12=Other
13 Stomach-ache	26 Pregnancy problems	39 Mouth infections	52 Bladder cancer	
			99 Others	

Section 4: Health (Continue.....)

1. Respondent ID: |___|

Have you	ever had any of the following feelings over the last few wee	ks?	•
Sl no	Question	Code	answer codes
2	Been able to concentrate on whatever you are doing		1=Better than usual, 2=Same as usual, 3=Less than usual, 4=Much less than usual
3	Lost much sleep over worry		1=Not at all, 2= No more than usual, 3=Rather more than usual, 4=Much more than usua
4	Felt that you are playing a useful part in things		1=More so than usual, 2=Same as usual, 3=Less so than usual, 4=Much less than usual
5	Felt capable of making decisions about things		1=More so than usual, 2=Same as usual, 4=Less so than usual, 4=Much less than usual
6	Felt constantly under strain		1=Not at all, 2= No more than usual, 3=Rather more than usual, 4=Much more than usual
7	Felt you couldn't overcome your difficulties		1=Not at all, 2= No more than usual, 3=Rather more than usual, 4=Much more than usual
8	Been able to enjoy your normal day to day activities		1=More so than usual, 2=Same as usual, 3=Less so than usual, 4=Much less than usual
9	Been able to face up to your problems	<u> </u>	1=More so than usual, 2=Same as usual, 3=Less so than usual, 4=Much less than usual
10	Been feeling unhappy and depressed		1=Not at all, 2= No more than usual, 3=Rather more than usual, 4=Much more than usual
11	Been losing confidence in yourself		1=Not at all, 2= No more than usual, 3=Rather more than usual, 4=Much more than usual
12	Been thinking of yourself as a worthless person		1=Not at all, 2= more than usual, 3=Rather more than usual, 4=Much more than usual
13	Been feeling reasonably happy, all things considered		1=More so than usual, 2=Same as usual, 3=Less so than usual, 4=Much less than usual

Section 5: Land and Agricultural Wealth (similar to Monga endline 2014)

5.1 Land Ownership and Land Cultivation (over the last 12 months)

Serial Description of land Amount of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, Khas/other Total Is the If irrigated, What is Amount Rent in within last 12 in Serial Description of land owned If owned, What is Serial Description of land owned If owned, What is Serial Description of land owned If owned, What is Serial Description of land owned If owned, What is Serial Description of land owned If owned, What is Serial Description of land owned If owned, What is Serial Description of land Owned If owned, What is Serial Description of land Owned If owned, What is Serial Description of land Owned If owned, What is Serial Description of land Owned If owned, What is Serial Description of land Owned If owned, What is Serial Description of land Owned If owned, What is Serial Description of land Owned If owned I													iiiiai	
Serial	Description of land	Amou	nt of land	owned	If owned,	Khas/other	Total	Is the	If irrigated,	What is	Amount	Rent in		2 months
No				•	current	land	amount of	cultivable	how much of	mode of	of land		(decimal)	
		Decimal	No of	Have the	market	(squatter)	land under	land irrigated	your cultivable	irrigation?	purchase			
			plots	right to	value		the	during dry	land is irrigated		d			
				sell?			houseold's	season?	during the dry	(Code-1)				
				Yes 1	(Taka)	(decimal)	command	Yes1	season?					
				No 2			in the last	No2	/1 · 1					
							12 months		(decimal)		(decimal)	Aus'13	Aman*12	Boro'13
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Homestead Land													
2	Cultivable land													
2	Other land*													
3	Other rand"													
4	Pond													

Note: units of land.

Serial No	Description	Share in v	within last 12 (decimal)	2 months		nge in within onths (decim		Rent out v	vithin last 1 (decimal)	2 months	Share out	within last 1 (decimal)	2 months	Mortgage out within last 12 months (decimal)		
		Aus'13	Aman'12	Boro'13	Aus'13	Aman 12	Boro'13	Aus'13	Aman'12	Boro'13	Aus'13	Aman 12	Boro' 13	Aus'13	Aman'12	Boro'13
1	2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Homestead Land															
2	Cultivable land															
3	Other land*															
4	Pond															

Note: For shared/rented/mortgaged land, include the amount the land under the season when it was cultivated.

*Note: "Other land" means non-applicable for cultivation: Jungle, Grazing Land, Marketplace, Land lost due to river erosion etc.

5.2 If you migrated out of your area for two weeks or more, what is the chance of illegal occupation of your land?

0	10	20	30	40	50	60	70	80	90	100

Irrigation code:

I decimal

Section 6: Economic Activities and Wage Employment [Identify the ID code from the roster of all members in the current household 10 years and older]

PART A: Economic Activities

Member ID	Did you work within the last 12 months? 1=Yes, 2=No>>n ext person	ACTI VITY SERI AL	What activities did [NAME] do in the months? What other activities did you do? Confirmactivities Activities: Wage employment (daily or semployment (individual or combined) - a non-agriculture. This include all activities that helped to in household income, irrespective of whether receive a wage/salary or not Description of Activity	n that all alaried), Self griculture or	How many months did you do this activity in the past 12 months?	How many days per month?	How many hours per day?	Where did yo activity? Rural1 Urban2 Abroad3 Write the dist If abroad, wri of the countr	erict code. te the name	What was the type of the activity? 1=Wage(cash/kind) employment >> Section6, Part B 2=Self-employment: agriculture crop production>> Section7.1 & 7.2 3=Self employment agriculture-livestock>> Section7.3 4=Self employment agriculture fishery>> Section7.4 5=Self employment agriculture forestry>> Section7.5 6=Self-employment: non-agriculture >> Section8
1	2	3	4	5	6	7	8	9	10	11
_										

Occupational Code:			District code:	
Agricultural Work (On Farm)	Trade		1=Bagerhat;	33=Lalmonirhat;
	25 Petty trader (small retail shop)	Miscellaneous Services	2=Bandarbon;	34=Madaripur;
1 Agricultural work on own farm	26 Medium trader (retail and	54 Service (Employee)	3=Barguna;	35=Magura;
2 Supervisory work on agricultural	insignificant wholesale)	55 Pension	4=Barisal;	36=Manikganj;
activity on own farm	27 Wholesale trader/ Aratdari	56 Service worker in NGO	5=Bhola;	37=Meherpur;
3 Agricultural wage labor	28 Contractor	57 Servant in house (female or male	6=Bogra;	38=Moulvibazar;
4 Share cropper / Cultivate plot owned	29 Labour contractor/Head of labour	housekeeper)	7=Brahmanbaria;	39=Munshiganj;
by others	30 Employee	58 Ohers in self employment	8=Chandpur;	40=Mymensingh;
			9=Chapai Nawabganj;	41=Naogaon;
Agricultural Work (Off Farm)	Transport	<u>Others</u>	10=Chittagong;	42=Narail;
5 Fisherman (Fishing)	31 Rickshaw/ Van Pulling	59 Income from revenues from Hats, Bazars	11=Chuadanga;	42=Narayanganj;
6 Fish cultivation	32 Boat man	60 Income from rent		
77 1 0 1 1	33 Wage labor in transport	61 Household work 62 Child	12=Comilla;	44=Natore;
7 Look after live stocks	34 Other transport workers 35 Motor byke driver	63 Student	13=Cox's Bazar;	45=Netrokona;
8 Look after poultry (ducks,	36 CNG/Vutvuti/Auto rikshwa	64 Beggar	14=Dhaka; 15=Dinajpur;	46=Nilphamari;
chickens,pigeons) 9 Cultivation, other works with fruits	37 Driver	65 Unemployed	16=Faridpur;	47=Noakhali;
10 Agricultural wage labor (off farm)	38 Helper	66 Disabled	17=Feni; 18=Gaibandha;	48=Norshingdi;
11 Nursery	36 Helper	67 Housewife	19=Gazipur;	49=Pabna;
12 Other agricultural activities		68 Others	20=Gopalganj;	50=Panchagarh;
(excluding 5 -11)	Construction work	00 0 111010	21=Habiganj;	51=Patuakhali;
(excluding 5 -11)	39 Mason		22=Jamalpur;	52=Perojpur;
	40 Helper		23=Jessore;	53=Rajbari;
Non Farm Activities	41 Other construction worker		24=Jhalokathi;	54=Rajshahi;
	42 Earthen work		25=Jhenaidah;	55=Rangamati;
Industrial Enterprise	43 House Repairing (fixing)		26=Joypurhat;	56=Rangpur;
13 Processing of crops			27=Khagrachari;	57=Satkhira;
14 Family labor in Enterprise			28=Khulna;	58=Serajganj;
15 Family labor in Tailoring	Self Employed Profession		29=Kishoreganj;	59=Shariatpur;
16Family labor in Sewing	44 Doctor		30=Kurigram;	60=Sherpur;
17 Family labor in Pottery	45 Kabiraj		31=Kushtia;	61=Sunamganj;
18 Family labor in Blacksmith	46 Advocate / Moktar		32=Laksmipur;	62=Sylhet;
19 Family labor in Goldsmith	47 Barber		52-Laksiiipui,	63=Tangail;
20 Repairing of manufactured products	48 Washerman			
21 Carpenter	49 Full time house tutor 50 Muhuri/ Peshkar/ Imam/ Purohit			64=Thakurgaon
22 Mechanics	50 Munuri/ Peshkar/ Imam/ Puronit		Country code:	l
23 Wage labor	52Kutir Shilpi (Handicrafts)		1=Saudi Arabia; 2=Malays	sia: 3=United Arab
24 Intern	53 Bobine shuta Bora		Amirates; 4=Bahrain; 5=S	
	55 Doome shaa Dora		7=Jordan; 8=Brunei; 9=Ita	
			11=India; 12=Others (writ	e)

PART B: Information Based on Daily Wage of Labour (over the last 12 months)

		nauon d	usea on	Duny	, uge	or Eu					ontins)				GAL ABIED	W. CE	
ID	Activity	Were						DAILY	WAGI						SALARIED	WAGE	
CODE	Serial (see note)	you paid on a daily basis? 1=Yes 2=No >>10	What was the daily wage in cash over the past	Did you get any in-kind payme nt? 1=Yes 2=No >>8.1	1=Pa 2=Rid 3=WI 4=Md 5=Ot	ddy ce heat eal her	ou get	How no did yo receive day? Write a quantity kg and in take	u e per the ty in l price	you w	nany da ork over months (Days)	the	Did you do this activity through a public work program? 1=Yes 2=No 3=Don't know	What type of org. does/ did you work for? 1=Govt. organization 2=Autonomous body/ Semigovernment 3=Private office	What is your total net take- home monthly cash remunerat ion after all deduction	What is your gross cash remunerati on per month?	What is the total value of in-kind or other benefits you received over the past 12 moths (tips, bonuses, overt ime, transport
			mont hs? Taka per day		respo	ble)		Qty (kg)	Price (tk)	Cash			>> Next Activity	4=Public mill/ factory 5=Private mill/ factory 6=Local govt. 7=NGO 8=Other	at source? Taka/ month	Taka/ month	Taka/ 12 months
1	2	3	4	5	6_1	6_2	6_3	7_1	7_2	8_1	8_2	8_3	9	10	11	12	13
										_							

Section 7: Ag 7.1a. Quantity of c	ricultural rops,fruits,ve	l Product getables obta	tion nined from the l	and, its use	and producti	on cost in cash	over the las	t one year:					
7.1a. Unit of meas	arement				_ (Kg.) [<i>Ta</i>	ake note of all i	ınits during d	data collection]					
7.1b. First ask, dur name of whole yea	ing Aman sea	ason this tim	e (Aswin-Pous) ne in first colun	which crop	os have been	produced? The	n, which cro	ps were produce	d in the last Au	s (jostho-va	dro) and Bo	oro (magh-boisakh) seasons. Finally take the
Name of crops	Crops (code)	Quantity (Code)	Total Quantity of crops obtained (Kg/Num.)	Total value in Tk.	Labour cost (wage)	Cost for ploughing (Tk.)	Cost of seeds if bought (Tk.)	Cost of chemical fertilizer (Tk.)	Cost of Irrigation (Tk.)	Other cost (Tk.)	Total cost (Tk.)	Have you spent from the loan? 1=NGO, 2=Non-NGO, 3=No	Type of irrigation 1 = surface water 2 = Ground water 3 = Bothr surface and ground watrer 4 = No irrigation is given
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Note: The production and uses of fish that are cultivated on cultivable land (e.g. sprawn	, parsl	ney e	tc.) a	re to	be i	nelu	ded in	this portion
7.1c. All by-products derived from the total income of all through out the past 1 year.		_ _	_		_	_	_	Taka

Crop codes

Staple crops: 11=Aus (local); 12=Aus (local improved variety); 13=Aus (HYV); 14=Aman (local); 15=Aman (local improved variety); 16=Aman (HYV); 17=Aman (hybrid); 18=Boro (local); 19=Boro (HYV); 20=Boro (hybrid); 21=wheat (local); 22=wheat (HYV); 23=Corn; 24=Berly; 25=Job; 26=Cina; 27=Cown; 28=Jaor; 29=Bajra; 30=potato; 31=others (specify).

Fibre crops: 41=Dhanche; 42=Jute; 43=Jute-mesta; 44=cotton; 45=others (specify).....

Lentils : 51=red lentils; 52=mongo beans; 53=mashkalai; 54=kheshari; 55=chola; 56=arohor; 57=motor; 58=motor kolai; 59=others (specify)

Oil seeds : 61=Til; 62=tishi; 63=muster; 64=penuts; 65=soybean; 66=castor; 67=other oild seeds (specify)

Spices: 71=chili; 72=onions; 73=garlic; 74=turmaric; 75=ginger; 76=coriander; 77=others (specify)......

Vegetables: 101=Kumra; 102=Obergin; 103=Potol; 104=Okra; 105=; 106=Jhinga; 107=Arum¤; 108=Chal Kumra; 109=Shosa; 110=snake peas; 111=Chichinga; 112=Data; 113=green banana;

114=Culiflower; 115=Cabbage; 116=Chinese cabbage; 117=Cinqua; 118=Pumkin; 119=Tomato; 120=Mula; 121=Shalgom; 122=Green papya; 123=Kakrul;

Leafy vegetables: 201=Pui shak; 202=Palong shak; 203=Lal shak; 204=Kalmi shak; 205=Data shak; 206=Kachu shak; 207=Lau shak; 208=Mula shak; 209=Kheshari shak; 210=potato leaf;

211=Jute leaf; 212=Napa shak; 213=Other leafy vegetables;

Fruits: 301=banana; 302=mango; 303=pineapple; 304=jackfruit; 305=papaya; 306=water melon; 307=rock melon; 308=litchi; 309=guava; 310=atafal; 311=orange; 312=lemon; 313=Jambura;

314=kalo jam; 315=boroi, 316=nuts, 317=coconut; 318=other fruits (specify);

Other crops: 401=tobacco; 402=paan; 403= other crops (specify).....

7.2 Technology adoption in farming (last 12 months/three seaons):

Topic		Have you used [TOPIC] on your own farm in the past 12 months?	How mu	ch taka did y	you pay for	it?		the total lan s been used	d area (decim	al) this	Have you spent from the loan?	Mainly what reason [Topic] you not been
		2=No>>12	Aman season	Aus season	Boro season	Vegeatable	Aman season	Aus season	Boro season	Vegeatable	2=Non-NGO, 3=No	used? (Code)
1		2	3	4	5	6	7	8	9	10	11	12
Hybrid seeds	1											
Chemical Fertilizer- (Guti Urea)	2											
Chemical Fertilizer- (Urea)	3											
Chemical Fertilizer- (TSP)	4											
Chemical Fertilizer- (MOP)	5											
Chemical Fertilizer- (Zipsum)	6											
Chemical Fertilizer- (Zinc)	7											
Mixed Fertilizer (NPKS)	8											
Meachanized irrigation – own source	9											
Meachanized irrigation – purchased	10											

Reason code: 1= Lacked information; 2= Lacked materials; 3= Not enough labor; 4= Not enough time; 5= Not interested; 6= Don't think it's useful; 7= Not enough land; 8= Lack of fund; 9 = Not applicable; 10 = Other (specify)

7.3. Income from Livestock and Birds (over the last one year) Animal/Bird Unit Total present Total about one Total income Have you spent from the Present Total cost household in value in Tk. year ago? during the year during the loan? 1=Number own year 1=NGO, 2=Non-NGO, Name Code 2=Kg(Taka) (Number/Kg) (Number) (Taka) (Taka) 3=No 2 3 5 6 7 1 8 Egg Milk Others (Specify)..... Livestock code: 1=Cock/Hen (more than one month old), 2=Duck (more than one month old), 3=Goose (more than one month old), 4=Goat, 5=Buffalo (adult), 6= cow (adult) 7=Bullock/Ox (adult), 8=Tender-aged animal (less than eight month old), 9= Ram/sheep, 10=pigeon, 11=Koyed, 12=Tender-aged bird (less than one month old), 13=Egg, 14=Milk, 15=Other livestock 7.3A. All by-products derived from the total income throughout the past 1 year. Taka

7.4. Information Regarding Fish Cultivation in Pond (over the last one year)

Collect informatio	n on all pi	roduced/	caught fish

Species of fish	Production Unit	/ caught Quantity	Purchase of fry in the last one year in	Purchase of feed	Treatment costs	Hired Labour	Leased money	Other costs	Value of the amount	Amount sold	Have you spent from the loan?
(Code)	1=Number; 2=Kg	Number/Kg	(Tk.)	(Tk.)	(Tk.)	costs (Tk.)	(Tk)	(Tk.)	consumed (Tk.)	(Tk.)	1=NGO, 2=Non- NGO, 3=No
1	2	3	4	5	6	7	8	9	10	11	12

Fish Code: 1=Silver carp/Grass Carp/Mirror carp/Kurfu; 2=Katal, 3=Ruhi, 4=Mrigel, 5=Sorputi, 6=Kalabaus, 7=Telapia/Nilotika, 8=Sprawn, 9=Fry fish, 10=Pangash, 11=Foreign Mugar, 12=Boyal; 13=Sing/local Maur; 14=Hilasha; 15=Taki; 16=Soil/Gojar; 17=Chitol; 18=Foli; 19=Air; 20=Koi; 21=Meni; 22=Baim; 23=Pabda/Rupsha; 24=Tengra; 25= Mixed fish; 26=Other (Specify)......

7.5 Forestry (over the last one year)

Type of forestry	How many	Current	Production	P	urchase	Spoilled/died	Others		Sale	Have you spent
	are there at	market value		Quantity	Taka			Quantity	Taka	from the loan?
	present (quantity)?	(approximate)								1=NGO, 2=Non- NGO, 3=No
1	2	3	4	5	6	7	8	9	10	11
1.Tree (less than one										
year)										
2.Sidlings										
3.Fruit trees										
4. Wood treas										
5.Others										

7.5A. All by-products derived from the total income through out the past 1 year.					_	_	Taka
--	--	--	--	--	---	---	------

SECTION 8: NON-AGRICULTURAL ENTERPRISES

ENTE RPR I S E NUMB ER	do your house jointly own an past 12 [Cross che	f enterprise did/ ehold solely or id operate in the months? eck activities ection-6 part A]	ho wo en	ich pe in the ouseho ork in t terpris Write I ode fro roster	old this se?	ho meml this e the	many did the buseho bers we enterprilast we lite ID om rost	ld ork in ise in eek?	th enter	n was nis prise ted?	Where do you operate the enterprise? 1=Home 2=Fixed location outside home 3=No fixed place first	How many months did the enterpris e operate over the past 12 months?	What is your share of equity in this enterprise?	What share of profit is kept by your house- hold?	the two s of fi for s up busi	at was main sources nance setting the iness?	How many people did you employ over the past 12 months?	Gross revenues over the past 12 months
	Description Activity	Types of work (Code-1)	ID	ID	ID	ID	ID	ID	YY	MM		Month	Percent	Percent	first	second	Number	Taka
1		2	3.1	3.2	3.3	4.1	4.2	4.3	5.1	5.2	6	7	8	9	10.1	10.2	11	12
1																		
2																		
3																		
4																		

Continued

ENTE RPR I S E NUMB ER	Expenditures on wages over the past 12 months BOTH CASH AND IN KIND	Expenditur es on rent in past 12 months	Expenditures of materials in pa		Expenditures on Fuel, Kerosene, Electricity etc. in past 12 months	Expenditures on finished goods purchased for reselling in past 12 months	Other operating expenses (12 month)	Net revenues (12 month) [12- (13 +14 +15 +16+17+18+19)]	Expenditures on capital goods in past 12 months	Have you spent from the loan? 1=NGO, 2=Non-NGO, 3=No	Sales of capital goods in past 12 months
	Taka	Taka	Cash	Kind	Taka	Taka	Taka	Taka	Taka		Taka
1	13	14	15	16	17	18	19	20	21	22	23
1											
2											
3											
4											

Note: please see the code on the next page

Non-Agricultural Bus	siness Code: Working sector/Industry	Code-1:	Money Source Code-2:
1=Food processing 2=Cloth making 3=Wood furniture/goods making 4=Pulication/Press 5=Others Industry 6=Agriculture 7=Livestock 8=Fisheries 9=Forestry 10=Retailer 11=Whole saller 12=Other Business	13=Hotel/Restauraent 14=Electricity/Gas/Water 15=Transport/ Communication 16=Army/Police 17=Education/Science 18=Art/Culture 19=Health 20=Sports/Travel/Realtor 21=Banking/Economics/Loaning 22=Managing/Adiministration 23=Religious activities 24=Non-agricultural labour 25=Tailor	26=Law/Advocate/Mokhter 27=Barber 28=Washerman 29=Handicrafts 30=Mechanic 31=Others	Inherited/ through gift 1 Own savings 2 Borrowing from relatives/ friends 3 Agricultural dev. Bank/Rajshai agricultural dev. Bank 4 Commercial bank 5 NGO 6 Other financial Inst 7 Relief agency 8 Sale of assets 9 Money lender 10 Other 11 Not applicable 12

Q No		Questions	Answer (Code)	Q No
31	With	in the last year, did you stop any business activity? 1=Yes, 2=No		32
33	Do y	ou have plans to start any new business in the next year? 1=Yes, 2=No		34
35	If you	u had money to start an economic activity or a business, would you do so in the next year? 1=Yes, 2=No		
36	If an	institution were to offer you credit, would you consider taking it? 1=Yes, 2=No		
37	Now	I would like to know about your idea/ability regarding the following tasks:		
	1	Do you know the kind of job/employment available in this area?		
	2	Do you get/receive information on job/employement in this area?		
	3	Do you know how to manage an enterprise/business?		
	4	Are you able to work with others (e.g. 3-4 people)?		
	5	Would you be able to start a new business?		
	6	If you want to start a new business or expand your existing business, do you know how to apply for loan at a bank or with an MFI?		
	7	Do you think, you would be able to mange the accounts of an enterprise/business?		
	8	Do you think, you would be able to raise money from someone else for your business?		

Idea/ability code:

1- I do not have any idea on this issue;2- Don't have a good idea;3-Have some of these ideas;4- Have good idea;5- Have better idea

Questions

If yes, which type of business do you plan to start?

Answer

(Code)

If yes, what type of business was it?

Section 9: Labor Allocation (over the last one week/one month) (Include all members who are 10 years of age and older)

9.1 Self-employment Work in Agriculture and Business

Members	Hous	sehold based Agricu	ltural work (crop, liv	vestock, poultry, fisl	hery)		Bus	iness	
ID	Agricultural sector (code 1) If answer code-5>>7	How many total days did you work in the last 7 days?	On average, how many hours did you work in a day?	How many total days did you work in the last one month?	Average how many hours do you work in a day?	How many total days did you work in the last 7 days?	Average how many hours did you work in a day?	How many total days did you work in the last one month?	On average how many hours did you work in a day?
1	2	3	4	5	6	7	8	9	10

Code 1: 1=crop, 2=livestock, 3=poultry, 4=fishery, 5=non-agriculture, 6=Others

9.2: Wage labour

Members			Agricultural sector				Non-agricu	ltural sector	
ID	Agricultural sector (code 1) If answer code-5>>7	Total days worked in the last 7 days	Total amount earned in in the last 7days (in Taka)	Total days worked in the last one month	Total amount earned in the last one month	Total days worked in the last 7 days	Total amount earned in the last 7 days (in Taka)	Total days worked in the in the last one month	Total amount earned in the last last one month (in Taka)
1	2	3	4	5	6	7	8	9	10

Code 1: 1=crop, 2=livestock, 3=poultry, 4=fishery, 5= Non-agricultural, 6=others

9.3. Remittance: Monthly Inflows and Outflows [Received/ Sent only by Household/family members]

Month	Origin/dest	tination	Poush-magh-falgun	Ashwin-kartik-	Asaar-srabon-vadro	Chaitra-boishakh-
	Within country	Abroad		Agrahayan		joistha
	(Tk.)	(Tk.)				
1	2	3	4	5	6	7
1. Remittance-in (in Taka)						
2. Why was it received? (Code)						
(multiple response allowed)						
3. Remittance-out (in Taka)						
4. Why was it sent? (Code)						
(multiple response allowed)						

9.4. Net cash/kind Earning from other Sources (over the last one year). Did you receive/ earn further earnings? 1 = Yes, 2 = No

Source Code	Amount received in the last 12 months
1	2

Note: Use a separate row for each earning source.

Source Code: 1=Remittance (from non household member), 2=Sale of irrigation water, 3=Renting out of other machines, 4 =House/shop rent, 5=Other wealth (except land sale), 6=Lottery/Gift, 7=Interest, 8= Other (specify)......

9.5. Government and Other Transfers Received Including Educational Stipends (over the last one year). Did you receive any? 1 = Yes, 2 = No

Source Code	Amount received in the last 12 months in Tk and	Source code
	in kind together.	1=Vulnerable Group Development (VGD); 2=Vulnerable Group
1	2	Feeding (VGF); 3=RMP; 4=Food for work (FFW); 5=Integrated
		Food Security (IFS); 6=GR; 7=Test Relief (TR); 8=School
		Feeding (SFP); 9=Government scholarship for primary students;
		10=Government scholarship for female secondary students;
		11=Government scholarship for secondary students;
		12=Government Old Age Pension Scheme; 13=Widow scheme;
		14=Freedom fighter scheme; 15=BRAC's TUP; 16=CLP (Chars
		Livelihoods Programme); 17=Red Crescent; 18=Pension;
		19=Other (specify)

SECTION 10: CREDIT: [WE WILL MAKE IT SIMILAR TO MONGA 2014 FOLLOW UP] A.1 CREDIT RECEIVED AND RELATED QUESTIONS

SL	Question					An	swer		Response code
1	Have you/your	household member ever to	aken a	any credit from an NGO/institution?					Yes1 No2
2	Have you/your	household member ever ta	aken	credit from afriend/relative (with interest)?					Yes1 No2
3	Have you/your	household member ever to	aken	credit from a money lender (with interest)?					Yes1 No2
	If answers to th	he above all three question	ns are	negative, go to A5					
4		redit taken from:		0 /0	<u>'</u>				
a	Money lender					Month	Year		not applicable 99
b	Landlord (inter	·linked)		Month	Year		not applicable 99		
c	Other informal	sources (relatives, friends	s etc. i	nclude only if interest was/is charged)		Month	Year		not applicable 99
	Source: (Code 1		Use: Code-2					Kind: Code 3
GB		her Govt. Banks	Educat Doctor Farmir Farmir Farmir poultry	ncluding crops)1 Business	ores after an	ı unexpect	16 ted17 18 19	Food Fertil Pestic Seeds Fodde Labor	n-kind transfer1 (including crops) 2 lizer 3 cides 4 s 5 er 6 r mandatory to lender 7 erlings 8
Installm Daily	ent: Code 4	Repayment: Code 5 Profit from the loan- financed activi	1	Repayment/delay reason: Code 7 Incurred loss in loan financed activity 1 Loss due to flood		7			teral: Code 8
Weekly 2 Biweekly 3 Monthly 4 Bimonthly 5 Quarterly 6 Half-yearly 7 Yearly 8 In one payment 9 Other 0			2 3 4 5	Too much cost incurred in other activities. 3 Too low income because of sickness	expenses nse	8 9 10 11	Signature Group bor Agricultur House/oth Gold Land/Hou Land mort Other asse	or person crowing ral land her land her land see regis tgage	Sonal guarantee
NI 4' 1'	11						0.4 (0		10

A2 Credit Requested and Granted: Both Formal and Informal Sources (over the last 12 months) [only include loans with interest]

Recipient	Credit	What		n which			nt received			date of	Total amoun				Interest r	ate on the
	serial	was the		eredit	Cash	Cash Kind			repayment Cash Kind				loan. Fill in only			
(ID)		source of		ived	(Tk)				specifi	ied in the	(Taka)				monthly or ear	
		this loan	Month	Year		Code-3	Quantity	Value of in		ntract		Code -3	Quantity	Value of	not both.	
							(kg)	kind (Tk)		specified				in-kind		
		(Code-1)								te 99)						
									Month	Year					Monthly	Yearly
1	2	3	4 1	1.2	<i>5</i> 1	5.0	<i>5</i> 2	5 1	6 1	()	7 1	7.2	7 2	7.4	rate (%)	rate (%)
1	Z	3	4_1	4_2	5_1	5_2	5_3	5_4	0_1	6_2	7_1	7_2	7_3	7_4	8_1	8_2
L																

A2 Credit Requested and Granted (continued......)

Recip ient	Credit serial	How ofte make payme is the amo tim	ents? What ount each	How much have you paid in total so far?	What is the current total outstanding with the lender?	Ţ	Use of credit (multiple response allowed) How did you repay / are you repay/delay the loan, what were loan (Code-5) How did you repay/delay the loan, what were the reasons?			What collateral did you use to secure the loan? (Code -7)								
(ID)		Frequency (code-4)	Amount in Taka	(Tk.)	(Tk.)	Use code-2	%	Use code -2	%	Use code-2	%	1 st	2nd	1 st	2 nd	1st	2nd	Total value
1	2	9 1	9 2	10	11	12 1	12 2	12 3	12 4	12 5	12 6	13 1	13 2	14 1	14 2	15 1	15 2	15 3
16	How	How much in loans did you take without any interest over the last 12 months from friends or relatives?																

Sl	Question	Answer	Answer code
1	So far, you talked about the loans taken out over the last 12 months. Do you have any outstanding loan taken out more than one year ago (March 2013)?		Yes1 No2>> A3

2. How many loans do you currently have (make a table of loans, sources, outstanding, and interest rate)?

Credit serial	Source (source code)	Total principal	Yearly interest rate (Don't Know999)	Amount paid	Amount outstanding	Type of credit (code-1)
1	2	3	4	5	6	7

Code-1: 1=Group liability, 2= Group but individual liability, 3=individual liability, 4=Not Applicable

2	Do you have any outstanding loan taken out from relatives/friends more than one year ago for which you					
3	do/did not pay interest? If yes, what is the total amount taken?				 	

A4 MFI Membership [Record MFI membership of each household member]

Mamhan ID	Name of MFI	MEL Co. 4	Since when	(MM/YR)?	Still member?	If not, date of d	iscontinuation
Member ID	Name of MF1	MFI Code	Month	Year	Yes-1, No-2	Month	Year
1	2	3	4_1	4_2	5	6_1	6_2

MFI Code: 1=Grameenbank, 2=BRAC, 3=ASA, 4=TMSS, 5=Caritas, 6=POPI, 7=Other MFI (specify).....

A5: Rejection in Credit Market (Liquidity Constraint)

Sl	Question	Answer	Answer code
1	Has any household member been denied credit over the last three months? Within the last year?		1=Yes, 2=No
2	Has any household member not applied for credit (over the last three months) because of fear of being denied? Within the last year?		1=Yes, 2=No

SECTION 11: SAVINGS:

Mem ber ID	How many NGO savings accounts do you have?	What is the total amount saved with those NGOs?	Do you save in any other places? 1 =Yes, 2 = No >>7	If yes, where do you save? (Code -1)	What is the total amount saved with them?	If you do not have a savings account with an NGO, would you like to have one? 1 = Yes, 2 = No,
						999 = Not applicable
1	2	3	4	5	6	7

IGVGD/FSVGD/FFA/RMP savings	1
At home	2
NGO / Intl org group	3
Grameen Bank	4
Bank	5
Shamity (other than NGO)	6
Shop	
Post office / Government institution	8
Employers' provident fund	9
Insurance company	10
Relative / friend / neighbor	11
Savings collector	12
Other (specify)	.13
Safe depositor	

SECTION 12: Food Expenditure
Food purchases, own production and received from other sources for quantity consumed
Note: If not consumed in the last 7 days, ask if consumed in the last 14 days. Collect information for 7 days or 14 days, not for both.

Note: If not consumed in the last 7 days, ask if consumed in the last 14 days. Collect information for 7 days or 14 days, not for both.											
Name of the Item	Item (code)	Did you consume it in the last 7 days	Did you consume it in the last 14 days	Total quantity consumed	Total quantity purchased	Quantity consumed from own production	Quantity consumed from other sources				
		Yes=1>>5 No=2>>4	Yes=1 No=2>>Next row	[in Kg]	[in Taka]	[in Kg]	[in Kg]				
1	2	3	4	5	6	7	8				
Crops and food crops of products											
Rice	1										
Wheat /Atta/ Maida (wheat flour w/o bran)	2										
Others	3										
Pulses of products	4										
Edible oil	5										
Vegetables	6										
Meat	7										
Fish	8										
Egg (Number)	9										
Milk	10										
Fruits	11										
Spices (Gram)	12										
Solt	13										
Other food (suger, gur etc.)	14										
Drinks and beverages (Tea, Coke etc.) (Number)	15										
Other purchased foods prepared outside home	16										

SECTION 13: Non-food Expenditures

Note: Different items have different recall periods.

Expenditure Item	Code	Total cash expenditure (taka)	If not purchased, value in taka	Expenditure Item		Total cash expenditure (taka)	If not purchased, value in taka
1	2	3	4	1		3	4
Recall period: last one week				Health expenses: Female			
Fuel:				Doctor or dentist's fee, lab test, etc.	22		
Firewood/coal/charcoal	1			Medicine	23		
Dried leaves/cow dung/jutestick/husk/bush	2			Other, specify	24		
Kerosene	3			Communication:			
Match	4			Phone charge/expense	25		
Other	5			Post chage/expense	26		
Local transportation cost:				Household use and personal toiletries			
Rickshaw/van fare	6			Soap/detergent for washing clothes	27		
Car oil (for own use)	7			Shaving/saving cream/hair cutting	28		
Other expenditure:				Toothpaste/powder/brush	29		
Bidi/Cigarette	8			Hair oild/cosmetics	30		
Pan/supari/jorda/khoyer	9			Beauty soap/shampoo	31		
Cash amount given to children	10			Other, specify	32		
Other, specify	11			Entertainment:			
Recall period: last one month				Movies/jatra/theatre/fair/picnic, etc.	33		
Electric Bill	13			Playing	34		
Water Bill	14			Travelling expenses (not local):			
LP Gas	15			Bus/Microbus/Minibus fare	35		
Gas Bill	16			Other travelling expenses (hotel/ meal)	36		
House Rent:				Other Expenses:			
House Rent:	17			Value of given gift	37		
Land Rent:	18			Bribe given	38		
Health expenses: Male				Other, specify	39		
Doctor or dentist fee, lab test, etc.	19			Recall period last 3 months:			
Medicine	20			Shoes, sandals and clothing:			
Other, specify	21			Males' shoes and sandals	40		

SECTION 7: Nonfood Expenditures (continued...)

Females' shoes, sandals	41	Education: Male student		
Children's shoes, sandals	42	School tuition fee	66	
Cltohes for male(s)	43	Private tutor/coaching	67	
Clothes for female(s)	44	Hostel fee	68	
Clothes for child(ren)	45	Books/writing papers/pen/pencil etc	69	
Utensils for household's use:		Other educational expenses	70	
Kitchen utensils	46	Education: Female student		
Furniture (bed, chair, showcase etc, not for marriage)	47	School tuition fee	71	
Large things for use (fridge, stove/cooker, etc.)	48	Private tutor/coaching	72	
Small utensils (tv, cd/cassette player, iron, sewing machine, radio, fan etc)	49	Hostel fee	73	
Basket/bag/trunk/suitcase	50	Books/writing papers/pen/pencil etc	74	
Toys	51	Other educational expenses	75	
Mobile phone	52	Purchase of transport (for own use)		
Tax:		Bicycle	76	
Tax (income tax/holding tax/land tax)	53	Motor Cycle	77	
Case expenditure	54	Rickshaw/van	78	
Other expenditure:		Car/Microbus	79	
Repair expenditure (things for use/house/car not for business)	55	Other:		
Family Events:		Torch Light	80	
Funeral	56	Battery	81	
Birthday, Wedding anniversary, circumcision and other feast	57	Umbrella	82	
Wedding expenses (bride)		Watch	83	
Jewellery	58	Building equipments	84	
Furniture	59	Reparing fixed things	85	
Dowry	60	Donation	86	
Pre-marriage ceremonies (Panchini, Ashirbad, Gayeholud, kone dekhanor cost)	61	Transport Registration	87	
Wedding feast	62	Newspaper/Books	88	
Wedding expenses (groom)		Other	89	
Jewellery	63			
Furniture	64			
Wedding feast	65			

14. Assets

14.1 Identify all assets except land

Item	Code	Quantity	Is this asset	When w	as the last	What was	Item	Code	Quantity	Is this asset	When wa	s the last	What was
Item	Code	(if none, enter	used for		h asset	the total	Item	Code	(if none, enter	used for			the total
		0)	business?		ght?	purchase			0)	business?	bouş		purchase
		0>>Next row	1=Yes; 2=No	Month	Year	value (in Taka)			0>>Next row	1=Yes; 2=No	Month	Year	value (in Taka)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
Metal cooking pot, alumium made	1						TV (color)	20					
Sewing machine	2						TV (BW)	21					
Radio	3						Motor bike	22					
Wall clock/ Wrist watch	4						Power tiller	23					
Rickshaw/van	5						Push cart	24					
Bicycle	6						Boat (Engine- run)	25					
Boat (without an engine)	7						Ghani	26					
Partner of shallow Tubewell	8						Powerloom	27					
Partner of deep Tubewell	9						Chair/table	28					
LLP	10						Bed-frame	29					
Tubewell (hand pump)	11						Almira	30					
Fishing Net	12						Sofa	31					
Ornament (gold, silver)	13						Scooter/tempo/au to rikshaw/CNG/nos imon	32					
Plough/ladder	14						Twinone/cassette player	33					
Other valuable wealth (above Tk. 100)	15						Fan/table fan	34					
Saw machine	16						Computer	35					
Paddy threshing	17						Freeze	36					
Rice mill (diesel run)	18						Mobile phone	37					
Rice mill (electricity run)	19						Others	38					

Section 15: Shocks and Coping Strategies

Shocks faced over the last 5 years and mechanism used to cope

	Loss of money (If	The last year of	How have you	Coping mechanism
code				expenses (in Taka)
				1 ()
			responses allowed)	
2	3	4	5	6
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
14				
15				
16				
17				
18				
19				
20				
22				
23				
24				
25				
	Disaster code 2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	code applicable) (Tk.) 2	Disaster code Loss of money (If applicable) (Tk.) The last year of shoks (multiple responses allowed) 2 3 4 1 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Disaster code Loss of money (If applicable) (Tk.) The last year of shoks (multiple responses allowed) How have you coped with crisis? (code) (multiple responses allowed) 2 3 4 5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20 21 22 23 23 23

Coping mechanism code: 1=could not cope, 2=savings used up/from savings/from monthly income, 3=sold land, 4=sold other asset/property, 5=took credit at a high interest rate, 6=took credit at a low interest rate (less than 10% per year), 7=took credit without interest, 8=brought the opponent to justice, 9=received active support (specify), 10= received support from a group/samity (specify); 11=received support from influencial persons, 12=mortgaged asset, 13=household split, 14=police/administration's support, 15=help from neighbours/friends, 16=donations from employer/landlord, 17=sold cattle, 18=took credit from banks, 19=received relief, 20= help from relatives, 21=credit from NGO, 22=by reduced expenditure (specify.......);

Section 16: Demographic Records of all Existing Female Household Members who Have Ever Given Birth since 1980 or thereafter (alive only, not including miscarriages and stillbirths)

16.1 Description of delivery of all children (born alive) [If multiple marrage then taken information only from the last marriage]

Female Member	Childs serial No	When born (start from the most		If [] is a current hh is write the ID code and		Gender	Is s/he presently alive?			If dead		If [] was sick, what
ID		recent ch youngest backware	t) and go	the d go to the next child. $\begin{vmatrix} 1 = D_0 \\ 2 = \end{vmatrix}$		1=Daughter 2=Son	1=Daughter 2=Son 1=Yes>> next child 2=No			of death	How did s/he die?	medical treatment did s/he
		chronolo		Otherwise write 99 column 7	and go to		2-100	Year	Year Month			receive?
		Month	Year	Name	ID code						(Code -1)	(Code -2)
1	2	3_1	3_2	4_1	4_2	5	6	7_1	7_2	7_3	8	9

Code 1: Cuases of Death

1 = Diarrhoea, 2= Pneumonia, 3=Jaundices, 4= Keratosis, 5 = Gangreous ulcer, 6 = Skin cancer, 7 = Lung cancer, 8 = Bladder cancer, 9 = Accident, 10 = By disease s/he was born with, 11 = Others (specify.......)

Code 2- Mrdical Traetment

0 = Didn't do anything, 1 = Bought medicine from pharmacy, 2 = Kabiraj, 3 = Union health complex, 4 = Upazila health complex, 5 = Private MBBS doctor, 6 = District and other hospital