

# PAKISTANRURAL HOUSEHOLD SURVEY- 2012

## Focus Group Questionnaire

The Focus Group Questionnaire is to be completed by three members of the village selected based on availability. The group should preferably include three people from among the following members of the community: the village numberdaar, a Punjab Irrigation and Drainage Authority (PIDA) or Sindh Irrigation and Drainage Authority (SIDA) chairman or member, a police official, or the patwari / revenue official. Other possible participants include politicians, other government officials, police officials, army officials, and a village watchman. The overall goal is to choose those most knowledgeable and able to answer the questions below. If you still do not have three people, invite a knowledgeable businessman or farmer to participate.

This questionnaire should be completed in a 'focus group' setting, in which the three respondents sit down to complete it together, and jointly discuss the questions. The enumerator should encourage them to try to reach consensus on the answers to the questions through discussion, and report their answer to the enumerator.

<b>PC: Province Name</b>	<b>DC: District Name</b>	<b>TL: Tehsil/Taluka Name</b>	<b>M: Village (Mauza or Deh) Name</b>

Respondent Name	CNIC Number (enter -44 if unavailable)	Respondent Contact Number	Date of focus group (DD / MM / YYYY)
1.			___ / ___ / 201___
2.			
3.			

GPS MEASUREMENTS (APPROXIMATE GEOGRAPHIC CENTER OF VILLAGE )			
ELEVATION		LATITUDE (N)	LONGITUDE (E)
_ _ _ _	Meters	_ _ _ _ . _ _ _ _ _ _ _ _	_ _ _ _ _ _ _ _ _ _ _ _ _ _

THREE MOST COMMON LANGUAGES SPOKEN IN THE VILLAGE (Please use the codes provided in the table on the right)		
1.	2.	3.

1= Punjabi	6= Sindhi
2= Urdu	7= Pashto
3= Siraiki	8=Balochi
4= Pothohari	9= Rangri
5= Hindko	Other Specify: (_____)

## SECTION 1: Information about Community Respondents

May we please ask you a few questions about yourself before we start the interview?

	Q1	Q2	Q3	Q4	Q5	Q6	Q7
ID number of respondent	Age  (completed years)	Sex  1=Male 2=Female	Position in village  (Use codes below to list the position that you consider most applicable)	Period in position  (Total time in current position or job)  (Years)	Highest education level attained, to date  (Use codes for Q5 given below)	Length of time living in the village?  <b>(Write -44 if respondent is not of this village)</b>  (Years)	Main income source  (Use codes for Q7 given below)
1							
2							
3							

<u>Codes for Q3</u>	<u>Codes for Q5</u>	<u>Codes for Q7</u>
1 = Government Official 2 = Military 3 = Police 4= Local Councilor/ DCO/ MNA/ MPA 5= Farmer 6 = Businessman 7 = Patwari /Revenue official 8 = Numberdaar 9 = Village watchman 10= PIDA Chainman 11= PIDA member 12= SIDA Chairman 14= SIDA member Other (specify)	<b>Education Codes</b> 0 Katchi/Pacci 1 Grd 1 2 Grd 2 3 Grd 3 4 Grd 4 5 Grd 5 6 Grd 6 7 Grd 7 8 Grd 8 9 Grd 9 10 Grd 10 11 Grd 11 12 Grd 12 13 BA, B.Sc (Hons.) 14 MA, M.Sc, M.Phill, Phd 15 MBBS Doctor 16 Engineer 17 Lawyer 18 Diploma 19 Adult literacy programme 20 Other literacy programme 21 Deeni Madrassa (Continued) 22 Deeni Madrassa (Incomplete) 23 Never enrolled 24 Dropped out without completing Grade 1 Other (specify)	<b>Income Code</b> 1 Agriculture income 2 Land rent 2 Non-farm enterprise 3 Government salary 4 Pension 5 Private company salary Other (specify)

## SECTION2: Basic Community Characteristics and Infrastructure

	a) Now	b) Five years ago, in 2007	c) In what year was this first introduced? (Write -44 if just introduced)
Q1. Number of households in this Village			
Q2. Total population in this Village			
Q3. Most common road surface of an internal road in this village (see road surface code)			
Q4. Most common road surface of external road (see road surface code)			
Q5. Is there a main road that connects the village to a nearby city? 0=No; 1=Yes			
Q6. What is the name of the nearest city?			
Q7. Distance to the nearest city Km			
Q8. Main means of transportation connecting this village to places outside (see means of transportation code)			
Q9. Time taken by main means of transportation to get to the nearest city Minutes			
Q10. Public transport available from village to nearest city? 0=No>>12, 1=Yes			
Q11. Cost of public transportation from village to the nearest city Rupees / person			
Q12. In which market do households in your village buy and/or sell most of their goods? Code: 1=In this Village; 2= In nearest Village;3= In nearest city; Other (Specify: )			
Q13. Distance to the nearest commercial center Km			
Q14. Name of the nearest commercial center			
Q15. Time taken by main means of transportation to that commercial center Minutes			
Q16. Public transport available from village to that commercial center? 0=No>> Q18, 1=Yes			
Q17. Cost of public transport from village to that commercial center? Rupees / person			
Q18. Distance to the nearest post office(write "0"if in village) Km			
Q19. Is there a railway station within walking distance (5 Km) from the center of this village? 0=No, 1=Yes			

	a) Now	b) Five years ago, in 2007	c) In what year was this first introduced?
Q20. Does your village have electricity? 0=No>> Q24, 1=Yes			
Q21. How long does it take for a new business to get an electricity connection installed? Days			
Q22. Are unofficial fees needed, on top of scheduled fees, to ensure the installation of electricity? 0=No>>24, 1=Yes			
Q23. If "Yes," how much are these unofficial payments, as a % of the scheduled fees (on average)? %			
Q24. Can households in this village get access to cylinder gas? 0=No, 1=Yes			
Q25. Can households in this village get access to sui-gas? 0=No, 1=Yes			
Q26. Is there a fixed-line telephone service connected in this village? 0=No>>28, 1=Yes			
Q27. How long does it take for a new business to get a fixed line phone connection? Days			
Q28. Is cellular phone service available in your village? 0=No, 1=Yes			
Q29. Is there a system of sewage channels for the disposal of waste water? 0=No, 1=Yes			
Q30. Is there a garbage collection or disposal service in your village? 0=No, 1=Yes			
<b>Means of transportation code:</b>  1=By foot,                6=Bus 2=Bullock cart,        7=Train 3=Bicycle,               8=Motor Cycle 4=Three Wheeler,      Other (please specify) 5= Four-Wheeler	<b>Road Surface Code:</b> 1=Mud 2=Asphalt 3=Concrete 4=Gravel 5= Soling Others (please specify)		

Q31. What numbers of households in this village **own** the following amounts of agricultural land?

a) 0 acres	
b) 0.1 to 1 acre	
c) 1.1 to 2 acres	
d) 2.1 to 5 acres	
e) More than 5 acres	

## SECTION3: Health Services

The next few questions inquire about public health services available to members of this village.

	Q1.	Q2.	Q3.	Q4.	Q5.	Q6.
Types of health care facilities and services	Is this available within the boundary of this village?  0= No 1=Yes>>Q3	If no, how far is it from the center of this village to the nearest ____? <b>Write answer and go to Q4</b>  (Km)	In what year was this service first available in this village?  <b>Write -44 if before 1980 and go to next facility</b> (Year)	Change in availability of doctors/health workers? (now compared to 2007) <b>If after 2007, write -44</b>  1=increased 2=about the same 3=decreased	Change in availability of medicines and clinic/hospital beds? (now compared to 2007) <b>If after 2007, write -44</b>  1=increased 2=about the same 3=decreased	Change in overall healthcare service quality? (now compared to 2007) <b>If after 2007, write -44</b>  1=increased 2=about the same 3=decreased
1. Basic Health Unit (smaller)						
2. Rural Health Center (larger)						
3. Clinic/dispensary						
4. Midwife service (private)						
5. Hospital						
6. Lady health visitor/supervisor						
7. Compounder/Hakeem						
Others (specify): _____						

Q7. Are there any immunization/vaccination programs in this village? 0= No >> Q8; 1= Yes		Please specify: _____
Q8. Are there any family planning awareness campaigns/activities in this village? 0= No >> Q9; 1= Yes		Please specify: _____
Q9. Are there any health education (Dengue, Polio, Typhoid/Cholera, Reproductive Health etc.) programs in this village? 0= No >> Q1 of section 4; 1= Yes		Please specify: _____

## SECTION4: Access to Credit

	Q1.	Q2.	Q3.	Q4.	Q5.	Q6.
List of Financial Sources	Is _____ a source of credit that is available inside your village?  0=No >>Q3 1=Yes	Year in which credit was first available in your village, from this source  (Fill in -44 if before 2000)  Write answer and go to Q4  (Year)	If “No,” then how far is the closest _____ to the geographic center of this village?   (Km)	Can households obtain loans from _____ for agricultural inputs?  0=No 1=Yes	Can households obtain loans from _____ for non-farm day-to-day operation capital/ non-farm investment?  0=No (If answer for Q4 & 5 is NO, then skip Q6)  1=Yes	Compared to 5 years ago (2007), is it easier or more difficult to get a loan from _____?  1=Easier 2=About the same 3=More difficult
1. ZTBL						
2. Commercial bank						
3. Cooperatives (registered)						
4. NGO						
5. Input Suppliers						
6. Landlord						
7. Money Lender						
8. Shopkeeper						
9. Factory/Mill						
10. Commission Agent /Dealer						
Other (please specify): _____						

## SECTION5: Governance

Q1.	Q2.		Q3.		Q4.	Q5.
Are there organized meetings of village residents to discuss village issues and events?  0=No>>Q5 1=Yes	If “Yes”, how often are these meetings held, on average?  <u>Time unit codes:</u> 1 =Day 2=Week 3 =Month 4 =Quarterly 5 =Half year 6 =Year Other (please specify)		On average, about how many men, and how many women, attend these meetings?		What were the main purposes of these meetings during the past 12 months?  Please rank the 3 most common purposes.  (Use Purpose of Meetings codes below)	Who/which group in this village can influence the condition of the local economy in this village?  Please rank the top three (most influential) from the list below. 1 = Village officer 2 =Elders in this Village 3 = Officials of the government 4 =Politician 5 = Tradition 6 = Popular vote 7 = Richest citizens 8= Business associations within the village 9= Patwari Other (please specify)
	Time unit	Number of Meetings	Number of men	Number of women (If women are not allowed to participate in meetings, write -99)	1.	1.
					2.	2.
					3.	3.

**Purpose of meeting code:** 1=education, 2=health, 3=infrastructure, 4=water resources, 5= local businesses, 6=settle dispute, 7=social event, 8=political event, Other, please specify: \_\_\_\_\_

	Q6.	Q7.	Q8.	Q9.			Q10.	Q11.	Q12.	Q13.
List of Govt. and NGO programs	Has your village ever had the program (even if it has been discontinued) _____?  0=No >>Next program 1=Yes	When was this program first introduced into this Village?  (Year)	How important has this program been for improving the lives of members of your village?  1 extremely important 2 important 3 not very important 4 unimportant	What are the main purposes of _____?  (List up to 3 purposes from the purpose codes below, ranking them in order of importance)			Who decides which households will participate in _____?  Decision making code	On average, what number of households in this village is benefiting from _____ now?  (No.)	If the _____ program started before 2007, how does it effectiveness during the past 12 months compare its effectiveness during 2007 (five years ago)?  1=More effective 2=about the same 3=Less effective -99=N/A	If _____ program started in 2007 or earlier, what number of households in this Village benefited in 2007?  -99=N/A  (No.)
				Most Important	2 <sup>nd</sup> Most Important	3 <sup>rd</sup> Most Important				
1. BISP										
2. Watan Card										
3. NRSP										
4. PRSP										
5. Sindh RSP										
6. Sarhad RSP										
7. PPAF										
8. AKRSP										
9. Aurat Foundation										
10. Edhi Foundation										
11. Khushal Pakistan										
12. Others (please specify): _____										
<b>Purpose code:</b> 1=training, 2=education, 3=finance, 4=woman welfare, 5=health, 6=poverty reduction, 7=water resources, 8=electricity, 9=human rights, 10=environment, 11=Damage compensation for flood affectees, other (please specify): _____										
<b>Decision making code:</b> 1=project officer, 2=district official, 3=community leaders, 4= landlord, 5=NGO, other (please specify) _____										



During the past five years, have there been any projects or group efforts in this or a neighboring village that have or potentially could affect the local business environment (such as to build or repair infrastructure, clean up the environment, lobby for the connection of or promote the use of communications tools, etc)? If “No, “go to next section.

List of programs/ group efforts	Q14.	Q15.	Q16.	Q17.	Q18.	Q19.	Q20.	Q21.				Q22.	
	Has it ever taken place during the last five years?  0=No>>Next Program / Section 6  1=Yes	Who initiated this?  (Use group/ person codes, at the bottom)	Year started?  (Year)	Year completed?  (If still in process, fill in -44 and skip to Q20)  (Year)	How was the overall business environment affected by _____? 1=improved 2=no impact >> Q20 3=worsened 4=other	What percentage of the households was affected by _____?  (%)	Who was primarily responsible for deciding in which location in the village the program/ effort would take place? <b>(Use group/ person codes, at the bottom)</b>	Total cash spent				Total labor used	
								Q21a	Q21b	Q21c	Q21d	Q22a	Q22b
								Cash spent  (Rs.)	Share of cash contributed from government(s) (%)	Share of cash contributed from community members (%)	Share of cash contributed from NGOs (%)	Paid labor days  (Days )	Free labor days  (Days )
1. Improve road conditions (such as building a new road or improving road conditions)													
2. Improve bridge conditions (such as build a new bridge or improve existing bridge conditions)													
3. Improve market facilities (such as building a market or improving a market's conditions)													
4. Improve school infrastructure(such as building a new school or improving old school facilities)													
5. Improve water supply facilities (such as building a dam, connecting to water pipes, or other water infrastructure)													
6. Improve health care facilities (such as building a clinic, hospital, or pharmacy, or expanding service availability )													
7. Improve electricity service (such as connecting to service or improving the connection)													
8. Connection to fixed line telephone/cellular phone services													
9. Improve irrigation facilities													
10. Clean up the environment													
11. Home construction for flood affectees													
Other (please specify) _____													

Codes for group/ person: 1=Federal government;2=Provincial government, 3=Local government; 4=Local community leader; 5=Community members; 6=Don't know/not sure; Others (specify\_\_\_\_\_)

# PAKISTANRURAL HOUSEHOLD SURVEY- 2012

## Focus Group Questionnaire

### SECTION 6: Business Environment and Organizations

#### Part 1: Business Environment

Note: Use code -77 for don't know / don't remember

Question about the business environment	a) At the present time	b) Change compared to five years ago (in 2007)?  1=better/more/higher 2 = same 3=worse/less/lower
Q1. What is the average size of non-farm enterprises in this village? (Rs. of revenue per year)		
Q2. Does setting up a non-farm enterprise require a permit or license? (0=No >> Q9; 1=Yes)		
Q3. How long does it take for a typical non-farm enterprise in your village to complete a registration process (from application to approval)? (Days)		
Q4. How long does it take for a typical non-farm enterprise in your village to get a permit to operate? (Days) <i>If a permit is not required, enter "-99" in both boxes and skip to question 7</i>		
Q5. How many government agencies must give their approval to the permit? (Number)		
Q6. How much does it cost for a typical non-farm enterprise in your village to get a permit to operate? (Rupees)		
Q7. How much does it cost for a typical non-farm enterprise in your village to get a license to operate? (Rupees) <i>If a license is not required, enter "-99" in both boxes and skip to question 9</i>		
Q8. How many government agencies must give their approval to the license? (Number)		
Q9. What's the tax fee (in percentage terms) imposed on an average manufacturing enterprise? (%)		
Q10. What's the tax fee (in percentage terms) imposed on an average services enterprise? (%)		
Q11. What's the tax fee (in percentage terms) imposing on an average trading enterprise? (%)		
Q12. Will a non-farm enterprise be punished if they are found to be unregistered? (0=No; 1=Yes)		

## Part 2: Business Constraints

What are the largest constraints that prevent members of your village from engaging in or continuing to engage in non-farm activities?

Constraints	a) Main constraints	b) Most important constraint	c) Second most important constraint
	0= not a constraint>> Next constraint 1= constraint	0= not the most important constraint 1= most important constraint	0= not the second most important constraint 1= second most important constraint
Q1. Inadequate access to, or poor quality of, electricity			
Q2. Poor telecommunication service quality			
Q3. Insufficient water supply			
Q4. Lack of access to roads or poor road quality			
Q5. Lack of access to formal credit or financing too expensive			
Q6. Loan procedure too tedious			
Q7. Poor access to markets or market information			
Q8. Low market demand of goods and services			
Q9. Expensive or tedious to register/license business			
Q10. High or complex tax system			
Q11. Unavailability of skilled labor supply			
Q12. Lack of land ownership			
Q13. Heavy government regulation of land or labor			
Q14. Heavy government regulation of prices or agricultural production			
Q15. Corruption			
Q16. A dysfunctional legal system			
Q17. Too much crime, theft and social disorder			
Q18. Other (Please specify): _____			

### Part 3: Business Organizations

Please answer the following questions about business organizations in your Tehsils.

Note: Use code -77 for don't know / don't remember

Questions about each type of business organization	a) Chamber of commerce	b) Business association for all businesses	c) Business association for businesses in one sector only
Q1. Is there a _____ in your Tehsil? 0=No; 1=Yes <b>(If there is answer YES in any column a) to c), then ask Q2-Q9, otherwise skip to Part 4)</b>			
Q2. If yes, when was it first established? Write -44 if established before 1980			

Does the [...]

Q3. Lobby government? 0=No; 1=Yes			
Q4. Help resolve disputes (with officials, workers, or other firms)? 0=No; 1=Yes			
Q5. Collect and distribute information on product and input markets? 0=No; 1=Yes			
Q6. Make contacts on domestic product and input markets? 0=No; 1=Yes			
Q7. Assist members in achieving accrediting standards or product quality standards? 0=No; 1=Yes			
Q8. Collect and distribute information on government regulation? 0=No; 1=Yes			
Q9. Help to implement government projects and policies? 0=No; 1=Yes			

#### Part 4: Business Services

Now I want to ask you some questions about business services.

List of services	Q1. Are _____ services available somewhere in your Tehsil, for enterprises in the Tehsil?	Q2. If Yes, when was this service first available?	Q3. Are _____ services available in a location within one hour's travel from the geographic center of your village?	Q4. For enterprises in your village, are these _____ services affordable?	Q5. Among enterprises in your village, is there a demand for these _____ services?
	0=No>>Q5 1=Yes	(Fill in -44 if before 1990) (Year)	0 = No >> Q5 1 = Yes	0 = No 1 = Yes	0 = No 1 = Yes
1. Engineering					
2. Management consulting					
3. Marketing					
4. Accounting					
5. Legal services					
6. Insurance services					
7. Information technology					

#### SECTION 7: Taxes/Subsidies and Levies in the Tehsil

Type of tax/ subsidy/ levy	a) Is this tax paid by members of your village? 0=No 1=Yes	b) Was this tax paid by members of your village five years ago (in 2007)? 0=No (If both a) and b) are "no" >>Next tax/ subsidy/ levy) 1=Yes	c) What's the current tax rate of _____? % of income or revenue	d) What was the tax rate in 2007? % of income or revenue
Q1. Excise Tax				
Q2. Sales Tax				
Q3. Trade license				
Q4. Agriculture Income Tax				
Q5. Other (specify): _____				

## SECTION 8: Natural Disasters

Now I would like to ask you something about other important that have taken place in this village since 5 years ago.

	Q1.	Q2.			Q3.	Q4.
Event description	Has a _____ taken place in your village in the last 5 years?  0=No>>>Next Event/Section 9 1=Yes	In what years has a _____ occurred? List up to three of the most recent years in which this occurred			How did the most recent _____ affect overall business conditions?  1=worsened to a large extent 2=worsened to some extent 3=not affected	What proportion of the village was affected by the most recent _____?  (%)
		a)	b)	c)		
1. Fire						
2. Flood/typhoon						
3. Drought						
4. Earthquake/landslide						
5. Famine						
6. Epidemic						
7. Civil unrest or violence						
8. Crop Insect/disease outbreak						
Other (specify): _____						

## SECTION 9: Distance of the Village from the Important Institutions

Distance from the following institutions:

	Institution Name	a) Distance to nearest  _____	b) Condition of road leading to nearest _____  1 Pacca road 2 Katcha road 3 Katcha and pacca road
		Kilometers	CODE
Q1.	Mandi		
Q2.	Nearest Weekly Market		
Q3.	Tehsil kachayri/court		
Q4.	District kachayri/court		
Q5.	Nearest Bank		
Q6.	Railways station		

Q 7. What is the number of persons commuting daily for a job (wage or salaried work of any kind) from this village?

Q 8. What is the number of persons having their own business/enterprise outside this village, to which they commute daily?

Q 9. Do mills or factories exist in a radius of 20 kilometers around this village?

0 NO >> Q12

1 YES

Q 10. How many mills/ factories are present in a radius of 20 kilometers around this village?

NUMBER:

Q 11. How many individuals from this village regularly work in these factories?

NUMBER:

Q 12. How far is the nearest mill/factory from this village?

KILOMETERS:

Q 12.	Q 13.	Q 14.	Q 15.
Name of the Mill/ Factory	When _____ was this started? (Write -44 if before 1990)	Distance of _____ from the village? <b>Note: Report in nearest complete Kms</b>	Condition of _____ leading to that area? 1=Pacca road 2=Katcha road 3=Katcha and pacca road
NAME	YEAR (YYYY)	Kilometers	CODE
1.			
2.			
3.			
4.			
5.			
6.			



## SECTION 10: Land

	Q1.	Q2.	Q3.	Q4.
Type of Land	Have any one sold out [type] land in this village during last 12 months?  0=No>> Q3 1=Yes	How many people sold out [type] land in this village during last 12 months?	Do most of the people of this village possess legal documents for [type] land?  0=No 1=Yes>> Next type of land / Section 11	What are the problems to have legal documents for [type] land? 1= No cooperation of prior owner 2= Heavy demand of unscheduled fees for documents preparation 3= Tedious procedure for documents preparation 4= Joint property Other (Specify)
1. Agricultural land (cultivable)				
2. Agricultural land (non-cultivable)				
3. Residential land (without construction)				
4. Residential land (with construction)				
5. Land for animal sheds (e.g. dairy & poultry)				
Any other land (Specify): _____				

## SECTION 11: Watercourses Information

	W/C-1	W/C-2	W/C-3
Q1. List up to 3 main settlements served by watercourse [...]			
Settlement 1:			
Settlement 2:			
Settlement 3:			
Q3. Total number of farmers cultivating land on this watercourse [...]:			
Q4. Number of landowners on this watercourse [...]:			

	W/C-1	W/C-2	W/C-3
Q5. Number of pure tenants (with no land ownership in this watercourse [...])?			
Q6. Number of cultivators who have arrived within the past 2 years on this watercourse [...]			
Q7. Number of different zaat /biradri/ tribes among cultivators on this watercourse [...]			
Q8. List up to three most influential zaat/biradri/tribes and their percentage among cultivators on this watercourse [...]:			
(a) Most influential (%)			
(b) 2 <sup>nd</sup> most influential (%)			
(c) 3 <sup>rd</sup> most influential (%)			
Among the landowners, what is their average landholding in this watercourse [...]:			
(a) Head average holdings (Acres):			
(b) Middle average holdings (Acres):			
(c) Tail average holdings (Acres):			
Q9. List the landholdings of the three largest landowners in this watercourse [...]:			
(a) Largest (acres)			
(b) Second largest (acres)			
(c) Third largest (acres)			
Q10. Does any landowner in this watercourse [...] work for the irrigation authority? (1=yes, 0=no >> Q12)			
Q11. What is the highest position in the irrigation authority held by a landowner on this watercourse [...]? (specify)			
Q12. Does any landowner in this watercourse [...] hold any other official position? (1=yes, 0=no >> Q14)			
Q13. Please describe the highest official post held by a landowner on this watercourse [...]:			
Q14. Is any landowner in this watercourse [...] a politician? (1=yes, 0=no)			
Q15. Please describe the highest political office held by a landowner in this watercourse [...]:			
Q16. Is there any type of farmer's organization for this watercourse [...]? 1= FARMER'S ORGANIZATION                      2 = WATER USERS GROUP 3 = OTHER ORGANIZATION                      4 = NO >> Q20			
Q17. In what year was this farmer's organization/WUG established?			
Q18. Who initiated the establishment of the organization/WUG 1 SELF-INITIATED BY COMMUNITY 2 GOVERNMENT 3 NGO (Specify):			

	W/C-1	W/C-2	W/C-3
Q19. Percentage of farmers in the watercourse [...] belonging to this organization?			
(a) Entire WC (%):			
(b) Head of WC (%):			
(c) Middle of WC (%):			
(d) Tail of WC (%):			
Q20. Percentage of farmers in this watercourse [...] usually participating in maintenance and improvement (khati) of the watercourse?			
(a) Entire WC (%):			
(b) Head of WC (%):			
(c) Middle of WC (%):			
(d) Tail of WC (%):			
Q21. Does the farmer's organization help coordinate these activities? (1 = yes, 0 = no)			
Q22a. Do farmers exchange canal turns in this watercourse [...]? (1 = yes, 0 = no >> Q23a)			
Q22b. Percentage of farmers on this watercourse [...] who usually exchange canal turns on this watercourse?			
Q22c. Rank (i.e. 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> ) canal segment by most presumed canal turn exchanges:	( ) Head	( ) Head	( ) Head
	( ) Middle	( ) Middle	( ) Middle
	( ) Tail	( ) Tail	( ) Tail
Q23a. Do farmers sell canal turns in this watercourse [...] (1 = yes, 0 = no >> Q24)			
Q23b. Percentage of farmers in this watercourse[...] who usually buy/sell canal water (turns) on this watercourse?			
Q23c. Rank (i.e. 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> ) canal segment by most presumed canal turn exchanges:	( ) Head	( ) Head	( ) Head
	( ) Middle	( ) Middle	( ) Middle
	( ) Tail	( ) Tail	( ) Tail
Q24. Who initiated the lining of this watercourse [...]? 1 SELF-INITIATED BY COMMUNITY 2 GOVERNMENT 3 NGO (SPECIFY):			
Q25. For how many weeks is this distributary/minor (main canal, if applicable) officially open? (write -99 for inundation canals and end questionnaire)			
(a) During Kharif 2011 (weeks):			
(b) During Rabi 2010-11 (weeks):			

Q26. Indicate the number of weeks during the period the canal was officially open that the canal was...				
	A. Full	B. ½ full	C. ¼ full	D. No water
Rabi (2010-11)				
Kharif (2011)				
Note: If, in answer to Q26, there were weeks when the canal was not full, then answer the next question; otherwise end questionnaire:				
Q27. Why there were times when the canal was not full (choose the most important reason)? 1 SEEPAGE, SILTING, OR DISREPAIR 2 SCARCITY OF WATER 3 UPSTREAM THEFT OF WATER				