Survey Frequency Tables—Cambodia Gender, Water and Poverty Survey

Province

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Kampong Thom	%	41	100	39	39
Kampong Cham	%	49	0	61	39
Kampong Chhnang	%	10	0	0	23

23. What is the primary language spoken in your household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Khmer	%	100	94	100	100
Cham	%		6	0	0

24. How would you classify your household, in terms of leadership?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Man as head, with spouse	%	76	77	79	72
Man as head, divorced, alone or widowed	%	1		0	2
Woman as head, with spouse	%	10	7	10	10
Woman as head, divorced, alone or widowed	%	9	6	9	10
Woman as head, with spouse away from home	%	2	1	2	2
Husband and wife as heads of household	%	1	6		2
I don’t know	%			0	1
Other:	%		1	0	1

25. Who manages the money for the household?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Male household head	%	21	21	19	24
Other	%		0	0	1
Female household head	%	14	10	16	13
Wife of household head	%	52	63	53	49
Husband of household head	%	2	1	2	3
Other adult male	%	2	1	2	2
Other adult female	%	7	2	8	6
Elderly male	%				0
Elderly female	%	1	1		2
Male child	%		0		0

27.Did any of your household members move out of the village in the last 5 years

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes, moved permanently	%	28	23	26	31
Yes, moved for a short period and will be back	%	25	7	28	21
Yes, moved but now they are back	%	4	3	5	2
No	%	43	67	40	45
I don't know	%			0	0

28. Why did they move?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	431	8	235	188
	Unwtd Base	376	85	147	144
Study	%	13	20	15	11
Marriage	%	25	28	25	26
Better options for work elsewhere	%	57	47	57	58
Lack of Land/Plots in this village	%	1	1	1	0
Natural hazards (droughts, floods) in this village	%		0	0	1
Moved to live with family	%	2	0	2	2
Other	%	1	4	1	2

29. Can you read Khmer?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes, completely	%	32	23	28	37
Yes, somewhat	%	40	35	43	37
No	%	28	43	29	26

29. Can you write Khmer?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes, completely	%	32	22	29	36
Yes, somewhat	%	38	34	40	37
No	%	30	44	31	27

30. Up to what grade did you study?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Graduate	%	1	1	0	2
High school	%	6	11	4	8
Secondary school	%	19	17	19	20
Primary school	%	55	38	57	54
No formal education	%	18	33	20	15
Prefer not to say	%			0	0

31. Up to what grade did your household head study?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	335	12	162	162
	Unwtd Base	343	118	101	124
Graduate	%	1	1	0	2
High school	%	6	10	5	6
Secondary school	%	18	13	18	18
Primary school	%	51	39	55	48
No formal education	%	17	30	13	19
Prefer not to say	%		2	0	0

Don't know	%	8	6	9	6

32. What were the main activities you did in the last twelve months to contribute to the household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Farming for income	%	25	29	26	23
Raising livestock	%	11	13	11	11
Housework (cooking, cleaning, watching children)	%	14	13	15	14
Domestic work (cooking, cleaning, watching children) in someone's house	%	1	1	1	1
Other	%	3	3	2	4
Farming for subsistence	%	17	12	17	18
Salaried job	%	6	2	4	8
Labor work	%	10	13	12	7
Mining	%			0	0
Fishing	%	3	1	3	3
Timber extraction	%		1	1	0
Street vendor	%	2	1	3	1
Grocery or other merchandise business	%	8	9	6	12

33. Are you satisfied with the activities you do to contribute to the household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	87	87	85	89
No, I would like to do something else instead (study, other kind of work, etc.)	%	3	4	3	2
No, I would like to contribute more	%	3	4	4	2
No, my contribution could not fulfil my household needs	%	6	6	6	5
No, (other reason)	%	2	0	2	1

34.Who is/are the primary income earner(s) in your household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Male household head	%	33	42	33	33

Female child	%		1		
No one	%				0
Female household head	%	8	5	7	8
Wife of household head	%	24	31	23	23
Husband of household head	%	4	2	4	4
Other adult male	%	16	9	16	15
Other adult female	%	14	7	13	15
Elderly male	%		1		
Elderly female	%	1	1	1	1
Male child	%		1		

35. What were the main activities that brought income to the household in the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Salaried job	%	18	9	16	21
Transportation	%	1	1		1
Street vendor	%	3	2	4	2
Rents, Interest	%		0		
Pensions	%			0	1
Income from family members living elsewhere/remittances	%	9	3	9	8
I don't know	%		0		0
Other	%	3	6	3	3
Sale of agricultural products	%	28	36	30	26
Sale of standing cattle and other farm animals	%	6	5	7	6
Sale of animal products (meat, milk, eggs, honey, animal skin)	%				
Fishing	%	4	1	3	5
Sale of metals and/or minerals	%			0	0
Sale of timber	%		2		0
Grocery or other merchandise business	%	11	13	8	15
Day labor work	%	15	23	18	11

36. What was your household's MAIN water source for drinking water in the last 12 months in dry season?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Piped into dwelling	%	3	0	3	4
Piped into compound, yard or plot	%	1	0		3
Piped to neighbour	%		0	0	
Public tap / standpipe	%	3	0	5	0

Borehole or tubewell	%	20	19	26	12
Protected well	%	23	23	31	13
Unprotected well	%	13	34	18	6
Rainwater collection	%	4	1	0	9
Tanker-truck	%	3	0	0	7
Cart with small tank / drum	%	1	0	0	2
Bottled water	%	25	14	16	35
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	%	4	5		9
Other	%		4	0	

36. What was your household's MAIN water source for drinking water in the last 12 months in dry season?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Piped into dwelling	%	3	0	3	4
Piped into compound, yard or plot	%	1	0	0	2
Public tap / standpipe	%	3		5	0
Borehole or tubewell	%	19	19	25	12
Protected well	%	22	21	31	11
Unprotected well	%	12	29	17	5
Rainwater collection	%	16	13	3	32
Tanker-truck	%		0	0	1
Bottled water	%	21	14	15	28
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	%	2	1	0	4
Other	%		2	0	

37. Do you treat this water before drinking?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	62	63	65	58
No	%	38	37	35	42

38. How do you treat this water before drinking?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	502	17	277	208

	Unwtd Base	504	171	173	160
By boiling	%	52	48	42	66
Adding alum	%		0	0	1
Adding Bleach/Chlorine	%	1	0	1	1
Filtering using Cloth	%	1	0	1	1
Using Water Filter	%	46	52	57	31
Other	%		0	0	1

39. Has your household had enough water for drinking water in the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	96	81	97	97
No	%	4	19	3	3

40. During which months was the availability of water from the primary source not sufficient for drinking water?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	31	5	14	12
	Unwtd Base	69	51	9	9
Oct/18	%		1	0	0
Jul/19	%		1	0	0
Aug/19	%		1	0	0
Nov/18	%	2	2	4	0
Dec/18	%	2	3	4	0
Jan/19	%	8	6	8	9
Feb/19	%	15	11	17	14
Mar/19	%	21	20	21	23
Apr/19	%	30	31	25	36
May/19	%	17	18	17	18
Jun/19	%	3	6	4	0

41. What was your household's main water source for other domestic uses in the last 12 months : Dry season

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Piped into dwelling	%	8		4	13
Piped into compound, yard or plot	%	2	0	0	5

Piped to neighbour	%		0	0	1
Public tap / standpipe	%	2	0	4	0
Borehole or tubewell	%	25	19	30	19
Protected well	%	32	32	40	22
Unprotected well	%	17	37	21	10
Tanker-truck	%	2	0	0	5
Cart with small tank / drum	%	1	0	0	3
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	%	10	7		22
Other	%	1	4		

41. What was your household's main water source for other domestic uses in the last 12 months : Wet season

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Piped into dwelling	%	7		4	11
Piped into compound, yard or plot	%	2	0		4
Piped to neighbour	%		0	0	1
Public tap / standpipe	%	2	0	4	0
Borehole or tubewell	%	23	17	29	17
Protected well	%	30	30	39	20
Unprotected well	%	16	34	21	10
Rainwater collection	%	9	10	3	16
Tanker-truck	%	1	0	0	1
Cart with small tank / drum	%	1	0	0	2
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	%	8	5	0	17
Other	%		3		

42. Has your household had Enough water for other domestic uses in the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	93	77	93	94
No	%	7	23	7	6

43. During which months was the availability of water from the primary source not sufficient for other domestic uses?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	59	6	32	21
	Unwtd Base	98	62	20	16
Oct/18	%		1	0	0
Jul/19	%		1	0	0
Aug/19	%	1	1	0	3
Sep/19	%	1	1	0	3
I don't know	%	1	0	0	3
Nov/18	%	2	2	2	3
Dec/18	%	3	3	4	3
Jan/19	%	6	6	6	5
Feb/19	%	9	10	10	8
Mar/19	%	22	21	24	19
Apr/19	%	30	31	30	30
May/19	%	19	17	20	19
Jun/19	%	5	7	4	5

44. How long does it take (in minutes) to get to the water source, collect water, and return home?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
0	%	66	21	68	67
1	%	6	1	9	3
2	%	7	3	7	6
3	%	3	7	2	3
4	%		3		0
5	%	8	21	7	8
6	%			1	0
7	%		1	1	0
10	%	5	17	3	7
15	%	1	3		1
16	%			0	0
20	%	1	6	1	1
30	%	2	10	1	3
40	%		1	0	0
60	%	1	3	0	1
90	%			0	0
120	%			0	0
Don't Know	%		1	0	1

45. Who is responsible for collecting and ensuring there is enough water in your home for domestic use?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Male household head	%	32	40	32	31
Female child	%	3	7	3	2
No one	%	3	0	2	4
Other	%		0	0	
Female household head	%	9	6	8	9
Wife of household head	%	25	27	25	26
Husband of household head	%	3	2	3	3
Other adult male	%	10	6	11	9
Other adult female	%	8	5	8	8
Elderly male	%	1	1	1	1
Elderly female	%	2	1	2	2
Male child	%	4	7	5	3

47. Does is it take significantly longer to collect water in the wet season or dry season?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	275	21	138	117
	Unwtd Base	386	210	86	90
Wet	%	1	4	1	1
Dry	%	27	59	14	38
Same for both	%	71	37	85	60
I don't know	%		0	0	1

48. Does your household pay for water for domestic use?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
yes, according to our amount of consumption	%	15	4	8	24
yes, a standard fee	%	3		1	7
yes, when I buy bottled or packaged water	%	4	3	3	6
yes, to pump water (gasoline)	%	4	19	3	5
yes, to pump water (electricity)	%	56	24	65	47
No	%	17	49	19	11
I don't know	%		0	0	1

49. How much did your household pay for domestic water in the last 12 months?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	675	13	344	318
	Unwtd Base	596	137	215	244
2000.00	%	1	0	0	1
3000.00	%	1	0	0	1
6000.00	%	1	0	0	1
7000.00	%	3	0	2	1
9000.00	%	1	0	0	1
10000.00	%	8	0	2	7
12000.00	%	1	0	0	1
15000.00	%	4	0	0	4
16000.00	%			0	0
18000.00	%	3		0	3
20000.00	%	9	0	6	3
23000.00	%	1	0	0	1
24000.00	%	3		2	1
25000.00	%	1	0	0	1
30000.00	%	12		6	5
33600.00	%	2	0	2	0
35000.00	%	3	0	3	0
36000.00	%	11		3	8
40000.00	%	14	0	10	4
42000.00	%	2		2	0
44000.00	%	1	0	0	1
48000.00	%	7	0	5	3
50000.00	%	19	0	10	9
52000.00	%			0	0
54000.00	%	1		0	1
56000.00	%	1	0	0	1
57600.00	%	1	0	0	1
58000.00	%	2	0	2	0
60000.00	%	51		40	10
70000.00	%	4	0	2	3
72000.00	%	8		6	1
73200.00	%	1	0	0	1
79200.00	%			0	0
80000.00	%	3	0	2	1
84000.00	%	9		5	4
86000.00	%	1	0	0	1
87000.00	%	1	0	0	1
90000.00	%	6		2	4
91200.00	%	1	0	0	1
96000.00	%	18		13	5
100000.00	%	16		3	13
108000.00	%	3	0	0	3
110000.00	%	1	0	0	1
115200.00	%	1	0	0	1
120000.00	%	81	1	50	30

130000.00	%	1	0	0	1
140000.00	%	7		3	4
142000.00	%	1	0	0	1
144000.00	%	10	0	3	7
148800.00	%			0	0
150000.00	%	6		3	3
160000.00	%	6	0	6	0
168000.00	%	3		0	3
170000.00	%	2	0	2	0
180000.00	%	20		8	12
190000.00	%	2	0	2	0
192000.00	%	4		0	4
200000.00	%	7	0	2	5
204000.00	%	1	0	0	1
210000.00	%	1		0	1
216000.00	%	1	0	0	1
220000.00	%	7	0	5	3
225000.00	%	1	0	0	1
228000.00	%	1	0	0	1
230400.00	%	1	0	0	1
232000.00	%			0	0
240000.00	%	35	1	14	20
243000.00	%	2	0	2	0
244000.00	%	1	0	0	1
250000.00	%	4		2	3
259200.00	%	1	0	0	1
280000.00	%	1	0	0	1
288000.00	%	1	0	0	1
300000.00	%	8		2	7
310000.00	%	2	0	2	0
336000.00	%	1	0	0	1
350000.00	%	5	0	5	0
360000.00	%	8	1	3	4
384000.00	%	1	0	0	1
400000.00	%	1		0	1
414000.00	%	1	0	0	1
420000.00	%	2		0	1
432000.00	%			0	0
450000.00	%	1	0	0	1
480000.00	%	13	1	5	8
500000.00	%	6		3	3
540000.00	%	1		0	1
552000.00	%	1	0	0	1
576000.00	%			0	0
600000.00	%	11		6	4
620000.00	%			0	0
648000.00	%			0	0
650000.00	%	2	0	2	0
652800.00	%	1	0	0	1

696000.00	%	1	0	0	1
720000.00	%	7	1	2	4
730000.00	%			0	0
760000.00	%			0	0
792000.00	%			0	0
840000.00	%	2		0	1
936000.00	%			0	0
960000.00	%			0	0
1000000.00	%			0	0
1068000.00	%	1	0	0	1
1080000.00	%			0	0
1140000.00	%			0	0
1200000.00	%	3	1	0	3
1260000.00	%			0	0
1440000.00	%	1		0	1
1800000.00	%	2	0	2	0
2880000.00	%	1	0	0	1
3801600.00	%	1	0	0	1
3840000.00	%	1	0	0	1
6000000.00	%	1	0	0	1
No expense	%	1	0	0	1
Don't Know	%	132	1	88	43
Household pay for domestic water in the last 12 months : riel	AVERAGE	220104	414000	155248	271977

50. What type of problems do you/your household member face in collecting water for all domestic uses?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
No Problem	%	64	26	76	55
Water dries up in dry season/particular season	%	2	5	2	2
Unable to afford	%			0	1
Poor water quality for drinking	%	5	10	1	8
Water is cloudy	%	10	24	6	12
Poor taste/smell	%	6	10	5	7
I don't know	%			1	0
Other	%	2	2	2	2
Infrastructure not working	%	2	2	2	1
Unreliable supply (for piped connections only)	%	1	0	0	1
Not enough water	%	4	10	3	5
Not easy to access	%	1	1	1	1
Submerged due to inundation/ flood/water logging	%				
Owner does not permit	%			0	0
Water is saline/brackish	%	2	4	0	4
Too far to collect	%	1	5		2

51. Have you seen changes in your main water source, the last 5 years?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	32	44	28	35
No	%	67	52	71	63
I don’t know	%	1	4		2

52. If yes, what are the change you have seen?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	258	12	122	125
	Unwtd Base	292	120	76	96
Degrading water quality	%	30	45	26	31
Water is available more often	%	2	0	2	1
Other	%	3	3	4	3
Improving water quality	%	11	1	10	12
Decreasing quantity	%	21	36	21	19
Increasing quantity	%	8	1	11	5
Decreasing price	%	2	1	2	3
Increasing price	%	4	0	2	5
Improved infrastructure	%	17	5	19	17
Degrading infrastructure	%	1	2	2	1
Water is unavailable more often	%	2	6	0	3

53. What do you attribute these changes to?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	258	12	122	125
	Unwtd Base	292	120	76	96
Increased mining activity	%	1	8	0	1
More people using the source	%	14	15	11	16
Fewer people using the source	%	2	1	1	3
I don't know	%	16	14	16	16
Other	%	11	21	8	13
Agricultural pollution	%	4	6	4	5
Increased agricultural land	%	5	2	6	5
Land Concessions	%		0	1	0
Poor maintenance	%	8	23	6	9

Improved maintenance	%	9	1	10	9
Poor water management	%	5	3	6	5
Improved water management	%	8	1	7	9
My household invested time/money in improving the source	%	17	6	25	10

54. What do you think are the main problems regarding water for homes, in your community/area?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Insufficient supply	%	10	20	8	11
I don't know	%	23	16	22	25
Other	%	35	15	45	27
Long distances to water sources	%	7	13	2	10
Sources of water contaminated by mining	%		6	0	
Sources of water contaminated by wastewater (feces)	%	2	2	2	3
Sources of water contaminated by agricultural chemicals	%	1	2		2
Sources of water contained arsenic	%	5	7	5	4
Water scarcity in current sources	%	5	3	5	5
Uneven distribution of water in homes	%	2	0	2	2
Poorly functioning wells	%	9	16	8	10

55. Has your household invested time and/or money into improving the infrastructure of your domestic water supply?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	59	51	63	54
No	%	41	49	37	46
I don’t know	%				

56. Who (from your household) is most involved in decisions and discussions about domestic water supply within the community and government?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358

	Unwtd Base	812	270	267	275
Male household head	%	17	18	16	19
No one	%	54	50	56	53
I don't know	%	1	1	2	1
Female household head	%	7	7	9	6
Wife of household head	%	14	18	13	14
Husband of household head	%	1	1		1
Other adult male	%	1	2	1	1
Other adult female	%	2		1	3
Elderly male	%	1	2	1	1
Elderly female	%	1	1	1	1
Male child	%				0

57. Do you feel your voice/ your household member's is heard?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	310	12	160	138
	Unwtd Base	324	118	100	106
Yes	%	44	55	46	42
No	%	14	19	11	16
I don't know	%	42	26	43	42

58. Who is most involved in decisions about domestic water supply within the home?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Male household head	%	39	41	40	39
No one	%	3	5	4	2
I don't know	%				0
Female household head	%	10	7	11	10
Wife of household head	%	29	36	28	30
Husband of household head	%	4	3	4	4
Other adult male	%	6	4	7	6
Other adult female	%	6	3	5	7
Elderly male	%		1		
Elderly female	%	1	1	1	1
Male child	%		0	0	

59. Does your household grow crops and/or raise livestock?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
crops	%	30	20	33	27
livestock	%	5	3	6	4
Both	%	59	71	59	59
Neither	%	7	6	3	11

60. Are your crops for income or food supply?
Income
60. Are your crops for income or food supply?
Income
60. Are your crops for income or food supply?
Income

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Income	%	8	26	10	3
Food supply	%	33	14	29	38
Both	%	60	60	61	58

61. Who is in charge of selling the crops?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	485	21	277	188
	Unwtd Base	530	213	173	144
Male household head	%	35	44	34	37
Female child	%	1	1		1
I don't know	%		1	0	0
Female household head	%	9	6	10	8
Wife of household head	%	33	38	30	38
Husband of household head	%	4	2	4	4
Other adult male	%	9	3	10	7
Other adult female	%	7	1	9	5
Elderly male	%		1		
Elderly female	%	1	1	1	
Male child	%	1	1	1	0

62. Who makes decisions about how to spend the money coming from selling the crops?

	Basin location			
	Overall	Upstream	Midstream	Downstream

Total	Wtd Base	485	21	277	188
	Unwtd Base	530	213	173	144
Male household head	%	26	31	22	31
Female child	%			0	
I don't know	%		1	0	0
Female household head	%	13	8	16	9
Wife of household head	%	48	55	47	48
Husband of household head	%	3	1	3	4
Other adult male	%	4	2	4	4
Other adult female	%	5	2	7	4
Elderly male	%			0	0
Elderly female	%	1	1	1	1
Male child	%		0	1	0

63. What percentage of the crop production is for food supply?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	429	15	237	177
	Unwtd Base	432	148	148	136
Less than 50%	%	57	62	54	60
More than 50%	%	30	24	33	26
Equal (50:50)	%		12	12	14
I don't know	%		1	1	0

64. Who participates in growing crops?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Male household head	%	35	36	34	36
Female child	%	1	4	1	1
Other	%			0	0
Female household head	%	9	6	10	7
Wife of household head	%	27	29	26	27
Husband of household head	%	4	3	4	4
Other adult male	%	11	7	11	11
Other adult female	%	8	6	8	8
Elderly male	%	1	2		2
Elderly female	%	2	2	2	2
Male child	%	2	5	2	2

65. Who is most involved in decisions about growing crops?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Male household head	%	41	41	42	40
Female child	%				
No one	%		0	0	
Other	%			0	0
Female household head	%	11	8	13	9
Wife of household head	%	30	38	28	32
Husband of household head	%	5	3	5	5
Other adult male	%	6	3	6	6
Other adult female	%	4	3	4	5
Elderly male	%	1	1		1
Elderly female	%	2	2	1	2
Male child	%				

66. What do you use your livestock for?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	519	20	275	224
	Unwtd Base	544	200	172	172
Income	%	37	29	33	42
Food supply	%	60	69	64	54
Transportation	%		1	1	0
Farm work	%	3	1	1	4
I don't know	%		0		0

67. Who participates in raising livestock?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	519	20	275	224
	Unwtd Base	544	200	172	172
Male household head	%	34	33	34	34
Female child	%	3	6	2	3
Female household head	%	7	6	8	7
Wife of household head	%	29	32	30	29
Husband of household head	%	4	2	3	4
Other adult male	%	10	6	11	9
Other adult female	%	8	7	8	8
Elderly male	%		1		

Elderly female	%	1	2	1	1
Male child	%	4	5	4	5

68. Who is most involved in decisions about raising livestock?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	519	20	275	224
	Unwtd Base	544	200	172	172
Male household head	%	39	41	37	40
Female child	%	1	1		1
Female household head	%	8	7	9	7
Wife of household head	%	33	40	33	33
Husband of household head	%	4	3	4	5
Other adult male	%	8	3	9	7
Other adult female	%	6	3	6	6
Elderly male	%				1
Elderly female	%	1	1		1
Male child	%		2		

69. What crops do you grow or livestock do you raise?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	759	25	414	319
	Unwtd Base	759	255	259	245
Rice	%	18	13	14	24
Rubber	%	1	3	1	
Water buffalo	%	1	2	1	1
Cows	%	6	3	6	7
Chickens	%	20	21	19	22
Goats	%		0	0	
Others	%	11	19	13	7
Fruit trees	%	19	12	19	20
Vegetables	%	10	7	10	12
Pepper	%				0
Cassava	%	8	15	11	3
Maize	%		1	1	
Sugarcane	%	1	1		1
Soybeans	%				
Coconuts	%	4	3	5	3

70. How much land does your household use for growing these crops and raising these livestock?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	131	8	88	35
	Unwtd Base	159	77	55	27
Rice	%	43	32	34	69
Rubber	%	2	3	3	0
Chickens	%	1	0	2	0
Others	%	20	24	23	13
Fruit trees	%	4	2	5	3
Vegetables	%	2	1	0	6
Pepper	%	2	0	3	0
Cassava	%	25	35	31	9
Sugarcane	%		1	0	0
Soybeans	%		2	0	0

71. What is the status of the land that you use for growing crops and livestock? Rice

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	423	11	189	223
	Unwtd Base	403	114	118	171
I/someone in my household owns it	%	89	83	94	84
I/someone in my household leases it	%	10	2	6	15
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	1	5	0	1
The land is communally owned and used	%		7	0	0
Other	%		3	0	0

71. What is the status of the land that you use for growing crops and livestock? Fruit Trees

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	449	10	256	182
	Unwtd Base	405	105	160	140
I/someone in my household owns it	%	96	97	96	96
I/someone in my household leases it	%	2	1	1	2
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	2	2	2	1
Other	%	1	0	1	1

71. What is the status of the land that you use for growing crops and livestock? Vegetables

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	246	6	133	107
	Unwtd Base	229	64	83	82
I/someone in my household owns it	%	95	91	94	96
I/someone in my household leases it	%	1	2	0	2
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	3	2	4	1
The land is communally owned and used	%	1	5	1	0
Other	%	1	2	1	0

71. What is the status of the land that you use for growing crops and livestock? Pepper

		Basin location			Gender
		Overall	Upstream	Midstream	Male
Total	Wtd Base	6		6	3
	Unwtd Base	5	1	4	2
I/someone in my household owns it	%	100	100	100	100

71. What is the status of the land that you use for growing crops and livestock? Cassava

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	191	13	149	29
	Unwtd Base	248	133	93	22
I/someone in my household owns it	%	88	86	87	91
I/someone in my household leases it	%	12	6	13	9
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%		1	0	0
The land is communally owned and used	%		6	0	0
Other	%		1	0	0

71. What is the status of the land that you use for growing crops and livestock? Maize

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	12	1	8	3
	Unwtd Base	18	11	5	2
I/someone in my household owns it	%	99	91	100	100
The land is communally owned and used	%	1	9	0	0

71. What is the status of the land that you use for growing crops and livestock? Sugarcane

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	12	1	5	7
	Unwtd Base	15	7	3	5
I/someone in my household owns it	%	88	86	100	80
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	11	0	0	20
The land is communally owned and used	%	1	14	0	0

71. What is the status of the land that you use for growing crops and livestock? Soybeans

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	6		2	4
	Unwtd Base	6	2	1	3
I/someone in my household owns it	%	81	100	100	75
I/someone in my household leases it	%	19	0	0	25

71. What is the status of the land that you use for growing crops and livestock? Coconuts

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	90	3	61	26
	Unwtd Base	85	27	38	20
I/someone in my household owns it	%	97	96	97	95
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	2	4	3	0
The land is communally owned and used	%	1	0	0	5

71. What is the status of the land that you use for growing crops and livestock? Rubber

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	18	2	13	3
	Unwtd Base	34	24	8	2
I/someone in my household owns it	%	97	75	100	100
I/someone in my household leases it	%	1	4	0	0

I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	1	4	0	0
The land is communally owned and used	%	2	17	0	0

71. What is the status of the land that you use for growing crops and livestock? Water Buffalo

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	16	2	10	5
	Unwtd Base	26	16	6	4
I/someone in my household owns it	%	99	88	100	100
I don't know	%	1	6	0	0
Other	%	1	6	0	0

71. What is the status of the land that you use for growing crops and livestock? Cows

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	149	3	77	69
	Unwtd Base	130	29	48	53
I/someone in my household owns it	%	97	100	98	96
I/someone in my household leases it	%	1	0	0	2
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	1	0	2	0
Other	%	1	0	0	2

71. What is the status of the land that you use for growing crops and livestock? Chickens

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	469	18	250	201
	Unwtd Base	496	186	156	154
I/someone in my household owns it	%	99	97	98	99
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%	1	1	1	0
The land is communally owned and used	%		1	0	0
Other	%	1	1	1	1

71. What is the status of the land that you use for growing crops and livestock? Goats

	Basin location	Gender

		Overall	Downstream	Male	Female
Total	Wtd Base	1	1	1	0
	Unwtd Base	1	1	1	0
I/someone in my household owns it	%	100	100	100	0

71. What is the status of the land that you use for growing crops and livestock? Others

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	260	17	174	69
	Unwtd Base	335	173	109	53
I/someone in my household owns it	%	96	93	100	87
I/someone in my household leases it	%	3	1	0	9
I/someone in my household works for someone doing these activities, but does not have ownership of the land	%		1	0	0
The land is communally owned and used	%	1	6	0	2
Other	%		0	0	2

74. If you grow rice, how many times do you plant per year?
____times
74. If you grow rice, how many times do you plant per year?
____times
74. If you grow rice, how many times do you plant per year?
____times
74. If you grow rice, how many times do you plant per year?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	423	11	189	223
	Unwtd Base	403	114	118	171
1	%	67	86	97	42
2	%	31	12	3	56
3	%	1	2	0	2

75. Has this increased in the past ten years?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	423	11	189	223
	Unwtd Base	403	114	118	171
Yes	%	19	16	6	30

No	%	81	84	94	70

76. Have you increased or decreased the area of land you use for growing crops or raising livestock in the past 5 years?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	759	25	414	319
	Unwtd Base	759	255	259	245
Increase in cropped area	%	17	26	18	15
Increase in livestock area	%	1	2	2	
Increase in both	%	1		1	2
Not at all	%	69	63	67	72
Decrease in cropped area	%	9	7	8	9
Decrease in livestock area	%	1	1	2	1
Decrease in both	%	1	1		1
I don't know	%		0	1	0

77. What sources of water do you use for your animals?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	519	20	275	224
	Unwtd Base	544	200	172	172
Piped water	%	8		5	13
Other	%	12	13	6	19
Rainwater	%	4	1	2	7
Tanks	%		0	0	1
Dams	%	1	0	3	0
Ponds	%	4	3	2	6
Wells	%	65	81	81	44
Rivers	%	4	0	0	9
Lakes	%	1	1	1	2

78. Have you had enough water for your animals in the past 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	519	20	275	224
	Unwtd Base	544	200	172	172
Yes	%	96	84	97	95
No	%	4	16	3	5

79. In the past 12 months, during which months did you not have enough water for your animals?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	23	3	10	10
	Unwtd Base	45	31	6	8
Oct-18	%		1	0	0
Jul-19	%		2	0	0
Aug-19	%		1	0	0
Nov-18	%		2	0	0
Dec-18	%		2	0	0
Jan-19	%	3	6	0	6
Feb-19	%	12	8	19	6
Mar-19	%	34	22	38	35
Apr-19	%	35	31	31	41
May-19	%	13	15	13	12
Jun-19	%	1	8	0	0

80. Are you able to grow enough crops for your needs?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Enough for food	%	41	26	37	47
Enough for selling	%	20	17	22	18
Not enough for food	%	16	21	18	13
Not enough for selling	%	23	35	23	22
I don't know	%		1	0	0

80. Are you able to raise enough livestock for your needs?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	519	20	275	224
	Unwtd Base	544	200	172	172
Enough for food	%	32	32	29	35
Enough for selling	%	14	7	14	15
Not enough for food	%	30	32	38	22
Not enough for selling	%	23	29	19	28

I don't know	%				0

81. What are the main problems your household experiences in agriculture?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	759	25	414	319
	Unwtd Base	759	255	259	245
Insufficient water for irrigation in the wet season	%	7	3	6	8
Loss of agricultural lands	%	1	0	1	
Lack of labor workers	%	1	3	1	2
Difficulty accessing credits	%		1		1
Water pollution	%		0	0	
Soil pollution	%	1		1	1
Land concessions are taking land	%			0	0
Don't make enough money	%	1	3	1	2
Poor soil quality	%	2	2	2	2
Unreliable yields	%	6	6	6	6
Consistently low yields	%	1	2	2	1
Insufficient water for irrigation in the dry season	%	7	4	3	12
High cost of inputs (seeds, fertilizers, etc)	%	8	12	8	9
Labor is too expensive	%	3	5	3	3
I don't know	%	3	3	3	3
Other	%	20	13	25	15
Floods	%	5	2	5	5
Droughts	%	17	19	16	17
Lack of markets	%	4	2	5	3
High transportation costs	%		1	0	
Poor roads to markets	%	1	1	1	
No transportation is available	%			0	
Declining productivity	%	12	17	13	12

82. Do you see any negative impacts of farming on the environment?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	759	25	414	319
	Unwtd Base	759	255	259	245
Yes	%	28	36	20	37
No	%	61	45	68	55
I don’t know	%	11	19	12	9

83. What are these impacts?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	211	9	85	117
	Unwtd Base	234	91	53	90
Habitat loss for Floricans	%	2	2	1	2
I don't know	%	1	4	0	1
Poor water quality in rivers	%	8	8	3	11
Lower flows in rivers during the dry season	%	2	0	2	3
Human health issues related to poor water quality	%	40	45	44	38
Livestock health issues related to poor water quality	%	20	21	19	21
Wildlife health issues related to poor water quality	%	8	13	11	6
Soil degradation	%	5	3	6	5
Decreasing fish populations	%	10	4	5	13
Other	%	4	1	8	2

84. Do you use chemical fertilizers?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Yes	%	61	49	54	72
No	%	39	51	46	28

85. Do you use chemical herbicides?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Yes	%	68	82	63	74
No	%	32	18	37	26

86. Do you use chemical pesticides?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	720	24	390	305
	Unwtd Base	726	248	244	234
Yes	%	51	58	43	61

No	%	49	42	57	39

87. Is your chemical agriculture input use increasing compared to the last crop?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	527	21	270	236
	Unwtd Base	563	213	169	181
Yes	%	53	61	53	52
No	%	45	35	46	45
I don’t know	%	2	4	1	3

88. Why is your chemical agriculture input use increasing compared to the last crop?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	278	13	142	122
	Unwtd Base	313	130	89	94
To improve soil quality	%	20	9	18	23
To improve yield	%	46	53	45	48
They are safe for the environment	%	2	0	2	2
They are safe to eat on the crop	%	4	0	4	5
I cannot afford the risk of losing my crop	%	21	10	25	16
Other reasons	%	7	28	6	7

89. Why is your chemical agriculture input use not increasing compared to the last crop?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	239	7	125	107
	Unwtd Base	235	75	78	82
They damage the environment and wildlife	%	7	5	4	9
They are harmful to the floricans	%	1	0	0	2
They contaminate waterways	%	3	5	2	4
Use compost and/or natural herbicides instead	%	17	4	16	18
They make the crop unsafe to eat	%	30	19	33	27
Don't need them	%	20	32	24	15
I don't know	%	3	5	4	2
Other reasons	%	20	31	17	24

90. Are your household's crops irrigated?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	50	30	40	62
No	%	47	66	58	33
I don't know	%	3	4	1	5

91. Why are you household's crop not irrigated?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	384	18	248	119
	Unwtd Base	425	179	155	91
Rain-fed crops	%	48	47	48	48
I don't know	%	7	1	4	14
Other	%	8	4	9	9
Don't have access to water	%	11	15	11	9
Can't afford to pump water onto my land	%	1	4		0
My land's elevation is too high	%	3	6	3	2
My land is too far from the canal	%	8	8	8	7
No tertiary canal near my land	%	2	1	1	4
My land is too far from the river	%	2	9	3	0
I have enough water without irrigating	%	11	5	13	7

92. Would you like to irrigate?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	384	18	248	119
	Unwtd Base	425	179	155	91
Yes	%	35	53	37	29
No	%	63	45	62	69
I don't know	%	2	3	1	2

93. What is your primary source of irrigation water in the current wet season?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221

	Unwtd Base	358	80	108	170
Rainfall I stored	%	2	7	4	1
Streams	%	8	11	7	8
Lakes/reservoir/pond	%	11	4	13	10
I don't irrigate in the wet season	%	30	42	28	31
I don't know	%		0	1	0
Other	%	3	2	3	3
Tanks	%		0	0	1
Irrigation canals	%	14	14	1	24
Dams	%	3	0	7	1
Groundwater from borehole	%	8	1	8	9
Groundwater from dug well	%	15	19	25	7
Tap/piped water system	%	3	0	4	2
Water pours	%	1	0	0	2
Rivers	%	1	0	0	3

94. What was your PRIMARY source of irrigation water in the last dry season?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221
	Unwtd Base	358	80	108	170
Rainfall I stored	%		2	0	1
Streams	%	5	15	6	5
Lakes/reservoir/pond	%	13	5	10	16
I don't irrigate in the wet season	%	11	13	7	13
I don't know	%	1	0	0	1
Other	%	4	4	6	3
Tanks	%		0	0	1
Irrigation canals	%	16	18	3	25
Dams	%	3	0	5	2
Groundwater from borehole	%	16	10	24	11
Groundwater from dug well	%	21	33	35	11
Tap/piped water system	%	3	0	4	2
Water pours	%	1	0	0	2
Rivers	%	5	0	0	9

95. Which crops do you irrigate?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221
	Unwtd Base	358	80	108	170
Rice	%	38	27	22	50
Rubber	%		3	0	0

Others	%	3	10	1	4
Fruit trees	%	28	19	34	23
Vegetables	%	25	31	34	18
Pepper	%	1	1	3	0
Cassava	%	1	4	1	1
Maize	%	1	1	1	1
Sugarcane	%	1	0	0	2
Soybeans	%		0	0	
Coconuts	%	3	4	5	2

97. How many plantings of rice per year do you irrigate?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	216	3	53	160
	Unwtd Base	187	31	33	123
1	%	66	74	94	56
2	%	33	23	6	42
3	%	1	3	0	1
DK/CS	%	1	0	0	1

98. Would you like to irrigate more rice plantings per year than you already do?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	216	3	53	160
	Unwtd Base	187	31	33	123
Yes	%	68	52	61	71
No	%	32	48	39	29

99. Why don’t you irrigate more?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	147	2	32	113
	Unwtd Base	123	16	20	87
Not enough water is available	%	63	46	74	60
Water doesn't reach my farm in the dry season	%	14	12	9	16
I can't afford the water/FWUC fees	%	1	15	0	1
I can't afford to pump the water onto my land more often	%	13	23	9	14
Don't need it	%	5	0	9	4
I don't know	%	1	0	0	2

Other	%	3	4	0	3

103. Did you have enough water for irrigating your crops over the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221
	Unwtd Base	358	80	108	170
Yes	%	65	70	81	53
No	%	35	30	19	46
I don’t know	%		0	0	1

104. In the past year, during which months was the availability of water not sufficient for irrigating your crops?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	139	2	34	103
	Unwtd Base	124	24	21	79
Oct-18	%	6	2	17	3
Jul-19	%	9	4	6	10
Aug-19	%	5	0	2	6
Sep-19	%	4	9	6	3
Don't know	%		2	0	0
Nov-18	%	8	2	19	5
Dec-18	%	6	2	6	6
Jan-19	%	5	11	4	5
Feb-19	%	8	14	4	10
Mar-19	%	14	18	8	15
Apr-19	%	14	23	13	15
May-19	%	12	11	8	13
Jun-19	%	9	4	6	10

105. What issues have you experienced in access to water for irrigation?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221
	Unwtd Base	358	80	108	170
My field is too far from the canal	%	13	13	9	16
I cannot afford to pump the water onto my fields	%	4	8	2	5
No issues	%	37	41	59	23
I don't know	%		2	0	0
Other	%	1	9	2	

Not enough tertiary canals	%	3	0	2	4
My field is at too high elevation	%	2	8	3	1
The upstream people take more water than they should, so I don't get any	%	5	1	2	7
There is not enough water late in the season	%	15	8	11	18
There is not enough water early in the season	%	8	8	3	11
The quantity of water available overall is too little	%	10	3	8	13
The timing of water does not suit my needs	%	1	0	0	1
I cannot afford the water/FWUC fees	%	1	1	2	1

106. What do you do when you don't have enough water from your main sources?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	786	25	421	340
	Unwtd Base	783	259	263	261
Let crops die	%	41	46	35	49
Avoid planting crops, when possible	%	3	3	3	2
Request aid from the government	%	3		1	5
Purchase water from an alternative source	%	7	3	7	7
Transport water from elsewhere to my land	%	6	10	7	5
I always have sufficient water from the main sources	%	21	15	27	15
I don't know	%	10	7	10	10
Other	%	8	15	10	6

107. What do you do when you have too much water/your fields are over flooded?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	786	25	421	340
	Unwtd Base	783	259	263	261
Pump water into the drainage ditches	%	16	12	4	29
Plant later	%	1	5	1	2
Let crops die	%	15	25	13	17
There is nothing I can do	%	7	10	6	8
Request aid from the government	%	1	0	1	
Dig ditches myself to drain the fields	%	9	3	6	13
I did not experience such a situation	%	27	33	36	16
I don't know	%	7	4	6	8
Other	%	18	8	28	7

108. Who decides on the distribution/allocation of water from the irrigation system in your village?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221
	Unwtd Base	358	80	108	170
Regional Water Esta. (PDWRAM)	%	4	0	6	3
District/Commune/village	%	24	8	17	30
WUCs/ FWUCs	%	7	13	5	8
The oldest community members	%	3	4	0	6
The community members who have more land	%	1	0	0	2
The community members who have the most money	%	2	0	0	3
I don't use an irrigation system/ no irrigation system	%	28	46	36	22
I don't know	%	27	19	30	24
Other	%	3	11	5	2

109. Does anyone in your household know in advance if there will be shortages in irrigation water supply?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	282	4	107	171
	Unwtd Base	241	43	67	131
Yes	%	25	30	16	31
No	%	47	49	48	47
I don’t know	%	28	21	36	23

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	71	1	18	52
	Unwtd Base	64	13	11	40
Male household head	%	53	41	57	53
Female household head	%	3	14	0	4
Wife of household head	%	27	23	36	25
Husband of household head	%	4	0	7	4
Other adult male	%	7	9	0	9
Other adult female	%	4	14	0	5
Elderly female	%	1	0	0	2

110. Who in the household receives this information?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	71	1	18	52
	Unwtd Base	64	13	11	40
Male household head	%	53	41	57	53
Female household head	%	3	14	0	4
Wife of household head	%	27	23	36	25
Husband of household head	%	4	0	7	4
Other adult male	%	7	9	0	9
Other adult female	%	4	14	0	5
Elderly female	%	1	0	0	2

111. Who notifies you of shortages, or should be responsible for notifying you, even if they don't?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	71	1	18	52
	Unwtd Base	64	13	11	40
Regional Water Esta. (PDWRAM)	%		15	0	0
District/Commune/village	%	32	38	45	28
WUCs/ FWUCs	%	19	31	9	23
The oldest community members	%	29	15	27	30
The community members who have more land	%	4	0	0	5
I don't know	%	7	0	0	10
Other	%	8	0	18	5

112. How far in advance do they notify you/your household member?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	71	1	18	52
	Unwtd Base	64	13	11	40
That day	%	6	0	0	8
1-7 days	%	55	38	55	55
1-3 weeks	%	8	15	9	8
1-3 months	%	6	31	0	8
At the beginning of the planting season	%	7	15	18	3
I don't know	%	19	0	18	20

113. Have you benefited from any project for irrigation that you have not built or invested in, during the past 5 years?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	402	8	173	221
	Unwtd Base	358	80	108	170
Yes	%	18	15	10	24
No	%	77	79	80	74
I don't know	%	6	6	10	2

114. What kind of project you have benefited from?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	71	1	18	52
	Unwtd Base	63	12	11	40
Other	%	5	8	7	4
Private well	%	10	31	29	2
Digging in ponds	%	2	0	7	0
Pond sand filter	%	2	0	0	2
Primary Canal	%	44	23	21	53
Secondary Canal	%	15	15	14	16
Tertiary canal	%	19	23	21	18
Reservoir	%	3	0	0	4

115. Are there any projects that have been developed in your community that you have not benefitted from?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	786	25	421	340
	Unwtd Base	783	259	263	261
Yes	%	17	18	13	21
No	%	78	77	80	74
I don't know	%	6	5	6	5

116. What kind of projects you have not benefitted from?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	131	5	56	70
	Unwtd Base	136	47	35	54
Water pump	%	1	0	0	1
I don't know	%	2	2	0	3
Other	%	14	13	13	14

Private well	%	35	58	46	27
Digging in ponds	%	7	2	5	8
Pond sand filter	%	12	16	8	15
Primary Canal	%	12	2	21	7
Secondary Canal	%	5	0	3	7
Tertiary canal	%	9	5	5	13
Reservoir	%	2	2	0	4

117. Has your household made any personal investments to improve the provision of irrigation on your lands?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	726	22	381	323
	Unwtd Base	709	223	238	248
Yes	%	39	30	36	43
No	%	61	70	64	57
I don’t know	%		0		0

118. Who participates in discussions about irrigation supply and planning at the household level?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	726	22	381	323
	Unwtd Base	709	223	238	248
Male household head	%	37	39	34	41
Female child	%		1		
No one	%	16	15	22	11
I don't know	%		0	0	1
Other	%		0		
Female household head	%	7	6	7	8
Wife of household head	%	26	30	24	27
Husband of household head	%	3	1	3	2
Other adult male	%	4	3	5	4
Other adult female	%	3	2	3	4
Elderly male	%	1	1	1	1
Elderly female	%	1	2	1	1
Male child	%		0	0	

119. Who in your household participates in discussions about irrigation supply and planning in the community?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	540	17	258	266
	Unwtd Base	534	169	161	204
Male household head	%	19	16	15	22
No one	%	60	61	67	54
I don't know	%	2	3	1	2
Other	%	1	0	1	
Female household head	%	4	2	3	4
Wife of household head	%	12	13	10	14
Husband of household head	%	1	1	1	1
Other adult male	%	1	3	1	
Other adult female	%	1	2	1	1
Elderly male	%		0	0	
Elderly female	%		0	0	1

120. Do you or other household member feel that your/ their voice is heard?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	184	5	74	106
	Unwtd Base	178	51	46	81
Yes	%	49	69	46	51
No	%	15	10	13	17
I don’t know	%	35	22	41	32

121. Who is primarily responsible for managing/maintaining your irrigation water source throughout the year?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	726	22	381	323
	Unwtd Base	709	223	238	248
Male household head	%	41	50	36	46
Female child	%		1		0
No one	%	22	11	29	16
I don't know	%	1	1		1
Other	%	1	0	2	0
Female household head	%	7	6	7	5
Wife of household head	%	14	21	12	17
Husband of household head	%	4	1	4	4
Other adult male	%	5	4	5	6
Other adult female	%	2	2	2	2
Elderly male	%	1	2	1	2
Elderly female	%	1	2	1	1
Male child	%	1	1	1	0

122. Is there a FWUC in your village/community?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	12	11	8	16
No	%	75	84	79	70
Dont know	%	13	5	13	14

123. Does your family belong to your local FWUC?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	94	3	34	57
	Unwtd Base	94	29	21	44
Yes	%	42	48	19	55
No	%	58	52	81	45

124. Who attends FWUC meetings?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	39	1	6	31
	Unwtd Base	42	14	4	24
Male household head	%	53	47	60	52
No one	%	6	5	0	7
Female household head	%	15	5	20	15
Wife of household head	%	22	32	20	22
Other adult male	%		11	0	0
Elderly female	%	3	0	0	4

125. Do you/ they participate in/speak up at FWUC meetings?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	36	1	6	29
	Unwtd Base	39	13	4	22
Yes	%	66	69	75	64
No	%	26	8	25	27

Dont know	%	8	23	0	9

126. Do you feel yours and/or your households' concerns are heard and addressed by your FWUC?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	36	1	6	29
	Unwtd Base	39	13	4	22
Yes	%	81	69	100	77
No	%	15	8	0	18
I don't know	%	4	23	0	5

127. Do you/someone in your household know how your FWUC sets irrigation schedules and fees?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	39	1	6	31
	Unwtd Base	42	14	4	24
Yes	%	57	64	50	58
No	%	36	36	50	33
I don't know	%	7	0	0	8

128. How does your FWUC set irrigation schedules?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	22	1	3	18
	Unwtd Base	25	9	2	14
With a set schedule with farmer input	%	56	89	0	64
With a set schedule without farmer input	%	13	0	50	7
When farmers ask for water, they release it	%	25	11	50	21
No set schedules Other	%	6	0	0	7

129. Do you or does someone in your household participate in mining activities to generate income?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Me	%		4	0	0

Someone in my household	%		3	0	0
No one	%	100	93	100	100
I don't know	%			0	0

130. What role does water play in your/your household's mining work?

		Basin location		Gender	
		Overall	Upstream	Male	Female
Total	Wtd Base	2	2	1	1
	Unwtd Base	18	18	12	6
A certain amount of water is needed to remove / separate metals / minerals	%	28	28	42	0
Good water quality is needed to remove/separate metals / minerals	%	56	56	42	83
Water influences the amount of metal/mineral removed	%	6	6	0	17
It does not play a major role/is not important	%	6	6	8	0
I don't know	%	6	6	8	0

131. What are the main problems related with mining activities in your watershed?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Low salaries/payment	%				0
Health problems for workers	%	3	9	3	2
Health problems for other community members	%		1	0	1
Damaging to the environment	%	4	4	4	4
Deforestation	%	1	1		1
Habitat loss	%				
Water pollution	%	1	6		2
Soil pollution	%		1	0	1
Only benefits a few	%		0		0
Financial loss	%		1	0	
There are no problems	%	12	4	13	12
I don't know	%	75	65	77	75
Other	%	2	9	1	3

132. What are the main benefits related with mining activities in your watershed?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358

	Unwtd Base	812	270	267	275
Good salaries/payment	%	9	25	5	12
Good for the economy	%	3		4	2
Good for the government	%		0	0	
There are no benefits	%	4	8	3	5
I don't know	%	84	66	87	81
Other	%			0	0

133. Do you or does someone in your household fish?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Me	%	14	15	14	14
Someone in my household	%	11	16	12	11
No one	%	75	69	75	75

134. Is this for selling or for food supply?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Selling	%	2	0	0	4
Food supply	%	70	93	74	64
Both	%	28	7	26	32

135. Who is in charge of selling the fish in your household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	62	1	29	33
	Unwtd Base	49	6	18	25
Husband or head male	%	9	0	6	12
Spouse or head female	%	80	67	94	68
Both heads of household, male and female	%	9	33	0	16
Daughter(s)	%	2	0	0	4

136. Who decides how to spend this money in your household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	62	1	29	33
	Unwtd Base	49	6	18	25
Husband or head male	%	5	0	6	4
Spouse or head female	%	78	50	94	64
Both heads of household, male and female	%	15	50	0	28
Daughter(s)	%	2	0	0	4

137. What percentage is for food supply?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	58	1	29	29
	Unwtd Base	46	6	18	22
Less than 50%	%	67	33	61	73
More than 50%	%	29	67	39	18
I don’t know	%	4	0	0	9

138. Where do you/they fish?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
River	%	8	0	0	17
Stream	%	28	50	35	20
Lake/ reservoir/ pond	%	15	16	12	19
Canal	%	20	13	19	21
Rice field	%	27	17	31	24
I don't know	%	1	0	1	0
Other	%	1	3	1	0

139. Did you/they change locations in the last 5 years?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Yes	%	7	5	1	14
No	%	93	95	99	86

140. Why was the fishing location changed?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	15		2	13
	Unwtd Base	15	4	1	10
Fish reduction in the first place	%	70	67	100	67
Too many fishermen in the first place	%	22	17	0	25
Others	%	8	17	0	8

141. How many kg of fish do you or your family typically catch per week during the fishing season?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
0.5	%	2	0	3	0
1	%	11	5	10	12
2	%	17	13	25	9
3	%	10	15	9	12
4	%	8	7	10	6
5	%	9	2	9	9
6	%	1	0	1	0
7	%	5	26	3	6
8	%	2	0	3	1
10	%	5	13	1	9
12	%		1	0	0
14	%	3	4	4	1
15	%		1	0	0
20	%	5	1	6	4
21	%	1	0	1	1
25	%		1	0	0
30	%	1	1	1	1
35	%	3	0	1	6
40	%	2	0	1	3
50	%	2	0	1	3
60	%	1	1	0	1
70	%	1	0	1	1
100	%	1	0	1	0
300	%	1	0	0	3
500	%	1	0	0	3
700	%	2	0	0	4
900	%	1	0	0	1
DK/CS	%	4	7	4	3

142. Is this enough to meet your family needs?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Enough for food	%	39	35	34	46
Enough for selling	%	15	1	13	20
Not enough for food	%	35	45	43	25
Not enough selling	%	10	20	10	9

143. Do you/your household member have a limit/quota for fish caught?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Yes	%	1	0	0	1
No	%	99	100	100	97
I don’t know	%	1	0	0	1

144. What is the limit or quota in kilograms (kgs)?

		Basin location		Gender	
		Overall	Downstream	Male	Female
Total	Wtd Base	1	1	0	1
	Unwtd Base	1	1	0	1
DK/CS	%	100	100	0	100

145. What are the main problems you/your household member face as a fisher?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Fish reduction	%	38	43	45	31
Do not face problems	%	16	7	20	12
Low flows in the river are too low	%	4	5	3	5
I don't know	%	3	3	3	3
Other	%	1	3	0	1
Overfishing	%	14	15	11	16
Water pollution from mining	%		1	0	0

Water pollution from agriculture	%	6	3	5	7
Water pollution from households/human waste	%		0	0	1
No markets for fish	%	1	0	0	2
Fishing lots make preferred fishing areas inaccessible	%	1	0	0	2
Illegal fishing gear	%	16	21	13	19

146. Which activities do you feel affect fishers?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Mining	%		2	0	0
Deforestation	%	6	2	6	6
Farming	%	10	7	7	13
Overfishing	%	18	22	16	20
Dams/Reservoirs	%	2	4	2	2
Illegal fishing	%	39	39	40	38
I don't know	%	22	18	24	20
Other	%	3	6	5	2

147. Who participates in discussions and decision making about fishing at the household level?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69
Male household head	%	51	50	49	53
Female child	%	1	0	1	0
No one	%	6	2	9	4
Female household head	%	3	5	6	0
Wife of household head	%	23	25	19	27
Husband of household head	%	5	4	9	1
Other adult male	%	7	9	4	11
Other adult female	%	1	3	1	1
Male child	%	3	2	2	3

148. Who participates in your Community Fisheries Management Systems, from your household?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	207	8	109	90
	Unwtd Base	221	84	68	69

Male household head	%	3	0	3	3
No one	%	39	37	44	33
I don't know	%	9	2	10	7
There are no Community Fisheries	%	48	60	43	54
Female household head	%	1	0	0	1
Other adult male	%		1	0	0
Male child	%	1	0	0	1

149. Do you feel your concerns are heard and addressed by the Community Fisheries Management Systems?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	7		3	4
	Unwtd Base	6	1	2	3
Yes	%	1	100	0	0
No	%	36	0	0	67
I don’t know	%	62	0	100	33

150. Did you have any shortages of food for the family needs in the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	10	21	13	7
No	%	90	79	87	93

151. To what extent has food shortages in your home been affected by water-related problems the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	84	6	54	23
	Unwtd Base	110	58	34	18
Largely	%	27	26	29	22
To some extent	%	65	69	62	72
Not at all	%	8	5	9	6

152. What were the main natural disasters your household faced the last 12 months?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358

	Unwtd Base	812	270	267	275
Droughts	%	26	35	18	36
Floods	%	6	4	5	7
Wind Storm	%	6	3	4	8
Other	%	1	0	1	1
None	%	61	58	72	49

153. What were the main problems your household faced because of droughts?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	224	10	78	135
	Unwtd Base	251	98	49	104
Loss of crops	%	61	58	69	58
Other	%	1	1	0	2
Loss of livestock / poultry	%	9	8	6	10
Low crop productivity	%	18	29	15	19
Insufficient income to cover food at home	%	5	3	6	5
Additional work or jobs of the head of household	%	2	0	1	2
Minor sons had to seek employment	%		1	0	0
Minor daughters had to seek employment	%	1	0	1	1
Migration of a member of your household	%	2	1	1	2
Destroyed homes/ property	%	1	0	0	1

153. What were the main problems your household faced because of floods?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	48	1	21	26
	Unwtd Base	44	11	13	20
Loss of crops	%	70	53	65	77
Other	%	2	0	0	5
Loss of livestock / poultry	%	5	12	10	0
Low crop productivity	%	12	18	15	9
Insufficient income to cover food at home	%	5	6	10	0
Additional work or jobs of the head of household	%	2	0	0	5
Destroyed homes/ property	%	2	12	0	5

153. What were the main problems your household faced because of wind storm?

	Basin location

		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	49	1	19	29
	Unwtd Base	43	9	12	22
Loss of crops	%	14	33	15	12
Other	%	12	0	8	16
Loss of livestock / poultry	%	5	0	0	8
Low crop productivity	%		17	0	0
Destroyed homes/ property	%	69	50	77	64

153. What were the main problems your household faced because of any other disaster?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	7		5	3
	Unwtd Base	5		3	2
Loss of livestock / poultry	%	16		13	25
Low crop productivity	%	9		13	0
Insufficient income to cover food at home	%	16		13	25
Additional work or jobs of the head of household	%	27		38	0
Minor sons had to seek employment	%	9		13	0
Migration of a member of your household	%	16		13	25
Destroyed homes/ property	%	7		0	25

154. What is the status of your house?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Own house (fully paid)	%	79	84	76	81
Own house (we are paying for it)	%	3	2	5	2
Own house (inherited)	%	12	7	13	11
Rented	%		1	0	
Lent (from a relative, friend, etc.)	%	4	5	3	4
Other	%	2		2	1

155. Whose name is the house under?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358

	Unwtd Base	812	270	267	275
Male household head	%	37	41	38	36
Female child	%		0	0	1
No one	%	1	2	1	1
I don't know	%			0	0
Other	%			0	
Female household head	%	11	7	11	11
Wife of household head	%	36	40	37	35
Husband of household head	%	4	3	4	5
Other adult male	%	1		1	2
Other adult female	%	3	1	3	2
Elderly male	%	2	2	2	3
Elderly female	%	4	3	3	4
Male child	%		0	0	1

156. How many bedrooms does your home have?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
1	%	48	65	49	45
2	%	36	31	40	33
3	%	12	4	9	17
4	%	3	0	3	3
5	%		0	0	1
7	%		0	0	

157. What kind of toilet facility do members of your household usually use?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Pour flush to don't know where	%	1		1	1
Dry pit latrines	%		1	0	0
Pit latrine with slab	%		0		
Pit latrine without slab / Open pit	%	1		1	0
Composting toilets	%			0	0
Twin pit without slab	%				0
Flush to septic tank	%	2	1	1	3
Hanging toilet / hanging latrine	%		0		0
No facility / Bush / Field	%	12	45	12	11
Other	%		0	1	0

Pour flush to piped sewer system	%	3	4	1	4
Pour flush to septic tank	%	80	47	81	81
Pour flush to pit latrine	%		1		

158. Do you share this facility with other households?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	710	14	378	318
	Unwtd Base	627	147	236	244
Yes	%	33	27	36	29
No	%	67	73	64	71

159. Where is it located?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	710	14	378	318
	Unwtd Base	627	147	236	244
Within your house	%	18	16	14	23
Outside the house but within your property	%	73	73	76	70
Outside your property	%	9	11	10	7

160. Does your household have the following assets?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Kitchen (gas, electric, etc.), oven	%	64	53	65	65
Room furniture (bed, chairs, table, sofa, closet)	%	61	54	61	61
Water pump	%	58	35	54	64
Internet at home	%	5	7	4	6
Car	%	5	4	4	6
Truck	%	3	1	2	3
Bicycle	%	70	28	69	73
Tricycle/Tuk-Tuk	%	3	1	3	3
Motorboat	%	5	0	3	8
Motorbike	%	87	91	88	86
Refrigerator/freezer	%	11	2	12	11
Tractor	%	3	1	3	3
Hand Tractor	%	22	26	25	17
Fumigation backpack	%	45	59	45	45

Rice thresher	%	5	5	6	4
Microwave oven/microwave	%		0	0	1
Radio	%	25	21	21	30
Television	%	71	36	69	75
Computer (laptop or tablet PC, etc.)	%	4	3	4	5
Mini-component or sound equipment	%	28	28	31	26
Washing machine	%	4	1	3	5
Cell phone	%	97	86	96	98

161. Do you have electricity in your house?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Yes	%	87	33	91	87
No	%	13	67	9	13

162. What is your household's main energy source for 'lighting'?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	103	18	38	47
	Unwtd Base	240	180	24	36
Solar	%	77	66	75	83
Home generator	%		1	0	0
Rechargeable battery	%	19	28	17	17
Kerosene	%	2	1	4	0
Other	%	2	3	4	0

163. What type of fuel does your household mainly use for cooking?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Electricity	%	1	1	1	1
Natural gas (Bio-Gas)	%		1		
LPG gas for cooking	%	21	14	20	24
Wood/fuel sticks	%	75	80	77	72
Straw/shrubs/grass	%				0
Other	%	2	4	1	3

164. How does your household usually dispose of garbage?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Collected by informal service provider	%	1	1	0	2
Disposed of in designated waste disposal area	%	2	0	2	3
Disposed of within household yard or plot	%	3	2	3	4
Buried or burned	%	90	92	94	85
Disposed of elsewhere	%	3	5	1	5

165. What is/are the material(s) used on the walls of the house?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Brick/Concrete/cement/stone	%	12	3	10	15
Bamboo/thatch/leaves/grass	%	6	1	4	8
Clay/dung with straw	%		0	0	1
Wood/logs/plywood	%	63	94	69	54
Galvanized iron or aluminum/other metal sheets	%	19	3	15	23
Other	%	1		1	0

166. What is the most common material on the roof of the house?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Concrete/fibrous cement	%	1	0		1
Bamboo/thatch/leaves/grass	%	1	2	1	1
Plastic sheets/salvage materials	%			0	
Galvanized iron or aluminum/other metal sheets	%	36	58	36	35
Tile	%	55	35	55	56
Fipro	%	7	4	7	7
Other	%		0		0

167. What is/are the material(s) on the floor of the house?

		Basin location			
		Overall	Upstream	Midstream	Downstream
Total	Wtd Base	812	27	427	358
	Unwtd Base	812	270	267	275
Mud/clay	%	3	4	3	3
Concrete/ cement	%	8	8	9	6
Tile/ceramic/mosaic	%	8	3	6	11
Brick	%		0	0	
Wood	%	71	85	76	64
Other	%	10	0	6	15