

ATTACHMENT II

Cross Tabulation by Boma (Households Survey)

1. Tribe and Ethnic Group

Boma/Block		In Number					In %				
		Shuluk	Nuer	Dinka	Others	Total	Shuluk	Nuer	Dinka	Others	Total
1	Hai El Matar	42	6	4	3	55	76.4	10.9	7.3	5.5	100.0
2	Hai El Shatti	22	9	3	4	38	57.9	23.7	7.9	10.5	100.0
3	El Bethery	12	3	5	5	25	48.0	12.0	20.0	20.0	100.0
4	Hai Zande	15	3	0	7	25	60.0	12.0	0.0	28.0	100.0
5	Hai Shulluk	18	5	0	4	27	66.7	18.5	0.0	14.8	100.0
6	Hai Nuba	13	4	3	5	25	52.0	16.0	12.0	20.0	100.0
7	Hai Dinka	12	0	12	7	31	38.7	0.0	38.7	22.6	100.0
8	Thorat Malakia	29	7	8	10	54	53.7	13.0	14.8	18.5	100.0
9	Thorat Luakat	17	9	4	3	33	51.5	27.3	12.1	9.1	100.0
<i>Sub-Total (Northern Payam)</i>		180	46	39	48	313	57.5	14.7	12.5	15.3	100.0
1	Ray El Maseri	19	7	7	8	41	46.3	17.1	17.1	19.5	100.0
2	Jallaba	13	16	7	1	37	35.1	43.2	18.9	2.7	100.0
3	Muderia	12	27	8	7	54	22.2	50.0	14.8	13.0	100.0
<i>Sub-Total (Central Payam)</i>		44	50	22	16	132	33.3	37.9	16.7	12.1	100.0
1	Assossa	31	7	14	0	52	59.6	13.5	26.9	0.0	100.0
2	Bum	16	14	3	2	35	45.7	40.0	8.6	5.7	100.0
3	Goni	14	5	4	2	25	56.0	20.0	16.0	8.0	100.0
4	Dengershufu	40	25	11	10	86	46.5	29.1	12.8	11.6	100.0
5	Terawa	20	9	7	2	38	52.6	23.7	18.4	5.3	100.0
<i>Sub-Total (Southern Payam)</i>		121	60	39	16	236	51.3	25.4	16.5	6.8	100.0
1	Thorat Jallaba	14	9	4	2	29	48.3	31.0	13.8	6.9	100.0
2	Emtidad Jallaba	19	8	4	4	35	54.3	22.9	11.4	11.4	100.0
3	Biathin	13	4	1	7	25	52.0	16.0	4.0	28.0	100.0
4	Hai Saha	14	1	3	7	25	56.0	4.0	12.0	28.0	100.0
5	Hai Television	27	20	14	3	64	42.2	31.3	21.9	4.7	100.0
6	Eastern Block of Ring Road	13	3	8	1	25	52.0	12.0	32.0	4.0	100.0
<i>Sub-Total (Eastern Payam)</i>		100	45	34	24	203	49.3	22.2	16.7	11.8	100.0
Total		445	201	134	104	884	50.3	22.7	15.2	11.8	100.0

3. Widow Household							
Boma/Block		Widow Household		Non-Widow Household		Total	
		No. of Samples	%	No. of Samples	%	No. of Samples	%
1	Hai El Matar	5	9.3	49	90.7	54	100.0
2	Hai El Shatti	6	16.2	31	83.8	37	100.0
3	El Bethery	3	12.5	21	87.5	24	100.0
4	Hai Zande	1	4.0	24	96.0	25	100.0
5	Hai Shulluk	3	11.1	24	88.9	27	100.0
6	Hai Nuba	2	9.1	20	90.9	22	100.0
7	Hai Dinka	5	16.1	26	83.9	31	100.0
8	Thorat Malakia	4	8.0	46	92.0	50	100.0
9	Thorat Luakat	3	9.4	29	90.6	32	100.0
<i>Sub-Total (Northern Payam)</i>		32	10.6	270	89.4	302	100.0
1	Ray El Maseri	8	21.1	30	78.9	38	100.0
2	Jallaba	3	8.8	31	91.2	34	100.0
3	Muderia	5	10.0	45	90.0	50	100.0
<i>Sub-Total (Central Payam)</i>		16	13.1	106	86.9	122	100.0
1	Assossa	6	12.2	43	87.8	49	100.0
2	Bum	6	18.8	26	81.3	32	100.0
3	Goni	2	8.0	23	92.0	25	100.0
4	Dengershufu	9	12.9	61	87.1	70	100.0
5	Terawa	7	19.4	29	80.6	36	100.0
<i>Sub-Total (Southern Payam)</i>		30	14.2	182	85.8	212	100.0
1	Thorat Jallaba	2	8.0	23	92.0	25	100.0
2	Entidad Jallaba	1	2.9	34	97.1	35	100.0
3	Biathin	4	17.4	19	82.6	23	100.0
4	Hai Saha	4	17.4	19	82.6	23	100.0
5	Hai Television	7	11.5	54	88.5	61	100.0
6	Eastern Block	4	16.7	20	83.3	24	100.0
<i>Sub-Total (Eastern Payam)</i>		22	11.5	169	88.5	191	100.0
Total		100	12.1	727	87.9	827	100.0

9. Level of Satisfaction with House

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very satisfied +Satisfied	Very dissatisfied +dissatisfied
1 Hai El Matar	5	2	18	21	9	55	9.1	3.6	32.7	38.2	16.4	100.0	12.7	54.5
2 Hai El Shatti	0	6	16	9	7	38	0.0	15.8	42.1	23.7	18.4	100.0	15.8	42.1
3 El Bethery	0	5	5	8	4	22	0.0	22.7	22.7	36.4	18.2	100.0	22.7	54.5
4 Hai Zande	2	3	1	12	7	25	8.0	12.0	4.0	48.0	28.0	100.0	20.0	76.0
5 Hai Shulluk	0	1	1	13	12	27	0.0	3.7	3.7	48.1	44.4	100.0	3.7	92.6
6 Hai Nuba	0	2	6	11	3	22	0.0	9.1	27.3	50.0	13.6	100.0	9.1	63.6
7 Hai Dinka	0	4	11	15	1	31	0.0	12.9	35.5	48.4	3.2	100.0	12.9	51.6
8 Thorat Malakia	2	5	7	24	15	53	3.8	9.4	13.2	45.3	28.3	100.0	13.2	73.6
9 Thorat Thorat Luakat	0	0	3	18	12	33	0.0	0.0	9.1	54.5	36.4	100.0	0.0	90.9
Sub-Total (Northern Payam)	9	28	68	131	70	306	2.9	9.2	22.2	42.8	22.9	100.0	12.1	65.7
1 Ray El Maseri	0	5	11	17	6	39	0.0	12.8	28.2	43.6	15.4	100.0	12.8	59.0
2 Jallaba	0	5	4	20	8	37	0.0	13.5	10.8	54.1	21.6	100.0	13.5	75.7
3 Muderia	2	8	24	9	9	52	3.8	15.4	46.2	17.3	17.3	100.0	19.2	34.6
Sub-Total (Central Payam)	2	18	39	46	23	128	1.6	14.1	30.5	35.9	18.0	100.0	15.6	53.9
1 Assossa	2	6	11	17	17	53	3.8	11.3	20.8	32.1	32.1	100.0	15.1	64.2
2 Bum	0	7	9	5	14	35	0.0	20.0	25.7	14.3	40.0	100.0	20.0	54.3
3 Goni	0	4	8	7	6	25	0.0	16.0	32.0	28.0	24.0	100.0	16.0	52.0
4 Dengershufu	0	9	31	18	28	86	0.0	10.5	36.0	20.9	32.6	100.0	10.5	53.5
5 Terawa	0	6	13	3	16	38	0.0	15.8	34.2	7.9	42.1	100.0	15.8	50.0
Sub-Total (Southern Payam)	2	32	72	50	81	237	0.8	13.5	30.4	21.1	34.2	100.0	14.3	55.3
1 Thorat Jallaba	1	1	11	7	9	29	3.4	3.4	37.9	24.1	31.0	100.0	6.9	55.2
2 Entidad Jallaba	0	4	9	8	12	33	0.0	12.1	27.3	24.2	36.4	100.0	12.1	60.6
3 Biathin	0	2	4	14	5	25	0.0	8.0	16.0	56.0	20.0	100.0	8.0	76.0
4 Hai Saha	1	0	6	9	9	25	4.0	0.0	24.0	36.0	36.0	100.0	4.0	72.0
5 Hai Television	1	5	19	21	18	64	1.6	7.8	29.7	32.8	28.1	100.0	9.4	60.9
6 Eastern Block of Ring Road	0	0	2	12	11	25	0.0	0.0	8.0	48.0	44.0	100.0	0.0	92.0
Sub-Total (Eastern Payam)	3	12	51	71	64	201	1.5	6.0	25.4	35.3	31.8	100.0	7.5	67.2
Total	16	90	230	298	238	872	1.8	10.3	26.4	34.2	27.3	100.0	12.2	61.5

10. Difficulty in Acquiring House

Boma/Block	In Number						In %						No. of Total Answer/ No. of Respondents
	Rent for the land is too high	Acquiring land is difficult	Rate for house is too high	House is too small	House material is too expensive	No. of Respondents	Rent for the land is too high	Acquiring land is difficult	Rate for house is too high	House is too small	House material is too expensive		
1 Hai El Matar	13	18	7	16	29	52	25.0	34.6	13.5	30.8	55.8	159.6	
2 Hai El Shatti	10	5	2	4	29	35	28.6	14.3	5.7	11.4	82.9	142.9	
3 El Bethery	7	4	2	2	18	22	31.8	18.2	9.1	9.1	81.8	150.0	
4 Hai Zande	11	8	5	5	14	22	50.0	36.4	22.7	22.7	63.6	195.5	
5 Hai Shulluk	11	5	0	3	11	24	45.8	20.8	0.0	12.5	45.8	125.0	
6 Hai Nuba	4	2	2	2	21	21	19.0	9.5	9.5	9.5	100.0	147.6	
7 Hai Dinka	9	6	1	6	23	29	31.0	20.7	3.4	20.7	79.3	155.2	
8 Thorat Malakia	13	10	5	17	39	52	25.0	19.2	9.6	32.7	75.0	161.5	
9 Thorat Luakat	2	16	3	14	25	33	6.1	48.5	9.1	42.4	75.8	181.8	
Sub-Total (Northern Payam)	80	74	27	69	209	290	27.6	25.5	9.3	23.8	72.1	158.3	
1 Ray El Maseri	16	14	6	7	18	36	44.4	38.9	16.7	19.4	50.0	169.4	
2 Jallaba	9	14	4	10	25	37	24.3	37.8	10.8	27.0	67.6	167.6	
3 Muderia	14	22	2	27	24	46	30.4	47.8	4.3	58.7	52.2	193.5	
Sub-Total (Central Payam)	39	50	12	44	67	119	32.8	42.0	10.1	37.0	56.3	178.2	
1 Assossa	7	21	7	20	32	51	13.7	41.2	13.7	39.2	62.7	170.6	
2 Bum	11	18	1	9	20	34	32.4	52.9	2.9	26.5	58.8	173.5	
3 Goni	4	1	4	10	15	19	21.1	5.3	21.1	52.6	78.9	178.9	
4 Dengershufu	15	40	7	22	49	85	17.6	47.1	8.2	25.9	57.6	156.5	
5 Terawa	5	8	1	10	21	35	14.3	22.9	2.9	28.6	60.0	128.6	
Sub-Total (Southern Payam)	42	88	20	71	137	224	18.8	39.3	8.9	31.7	61.2	159.8	
1 Thorat Jallaba	6	4	0	5	19	24	25.0	16.7	0.0	20.8	79.2	141.7	
2 Emtidad Jallaba	5	6	4	3	21	25	20.0	24.0	16.0	12.0	84.0	156.0	
3 Biathin	1	1	2	7	18	23	4.3	4.3	8.7	30.4	78.3	126.1	
4 Hai Saha	0	2	0	16	9	23	0.0	8.7	0.0	69.6	39.1	117.4	
5 Hai Television	11	30	5	34	42	63	17.5	47.6	7.9	54.0	66.7	193.7	
6 Eastern Block of Ring Road	2	2	0	0	19	20	10.0	10.0	0.0	0.0	95.0	115.0	
Sub-Total (Eastern Payam)	25	45	11	65	128	178	14.0	25.3	6.2	36.5	71.9	153.9	
Total	186	257	70	249	541	811	22.9	31.7	8.6	30.7	66.7	160.7	

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Expensive house material was expressed as the most serious issue for acquiring their houses by the respondents in all Bomas except 2 Bomas (Muderia and Hai Saha), where the issue that "House is too small" was recognized as the most serious one.

12. Difficulty Encountered in Living in his/her Boma/Block

Boma/Block	In Number											In %										
	Flooding	No Electricity	No Water	Violence in the Neighborhood/ Ethnic Clashes	No Shelter	No Medical Facilities	No Job/ Source of Income	No Early Childhood Center	No Primary School	No Secondary School	Total	Flooding	No Electricity	No Water	Violence in the Neighborhood/ Ethnic Clashes	No Shelter	No Medical Facilities	No Job/ Source of Income	No Early Childhood Center	No Primary School	No Secondary School	Total
1 Hai El Matar	18	3	8	0	8	1	0	8	1	6	53	34.0	5.7	15.1	0.0	15.1	1.9	0.0	15.1	1.9	11.3	100.0
2 Hai El Shatti	0	16	19	0	0	1	1	0	1	0	38	0.0	42.1	50.0	0.0	0.0	2.6	2.6	0.0	2.6	0.0	100.0
3 El Bethery	0	10	10	3	0	0	2	0	0	0	25	0.0	40.0	40.0	12.0	0.0	0.0	8.0	0.0	0.0	0.0	100.0
4 Hai Zande	2	2	17	1	0	1	2	0	0	0	25	8.0	8.0	68.0	4.0	0.0	4.0	8.0	0.0	0.0	0.0	100.0
5 Hai Shulluk	0	10	12	3	0	0	2	0	0	0	27	0.0	37.0	44.4	11.1	0.0	0.0	7.4	0.0	0.0	0.0	100.0
6 Hai Nuba	2	3	18	0	0	0	0	1	0	0	24	8.3	12.5	75.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	100.0
7 Hai Dinka	4	6	20	0	0	0	0	0	0	0	30	13.3	20.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
8 Thorat Malakia	0	4	20	0	0	2	1	0	0	0	27	0.0	14.8	74.1	0.0	0.0	7.4	3.7	0.0	0.0	0.0	100.0
9 Thorat Luakat	2	1	23	0	1	6	0	0	0	0	33	6.1	3.0	69.7	0.0	3.0	18.2	0.0	0.0	0.0	0.0	100.0
Sub-Total (Northern Payam)	28	55	147	7	9	11	8	9	2	6	282	9.9	19.5	52.1	2.5	3.2	3.9	2.8	3.2	0.7	2.1	100.0
1 Ray El Maseri	7	3	21	2	0	0	2	2	0	0	37	18.9	8.1	56.8	5.4	0.0	0.0	5.4	5.4	0.0	0.0	100.0
2 Jallaba	4	5	27	0	0	1	0	0	0	0	37	10.8	13.5	73.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	100.0
3 Muderia	9	8	26	0	0	3	0	0	0	0	46	19.6	17.4	56.5	0.0	0.0	6.5	0.0	0.0	0.0	0.0	100.0
Sub-Total (Central Payam)	20	16	74	2	0	4	2	2	0	0	120	16.7	13.3	61.7	1.7	0.0	3.3	1.7	1.7	0.0	0.0	100.0
1 Assossa	14	6	25	0	0	4	6	0	0	0	55	25.5	10.9	45.5	0.0	0.0	7.3	10.9	0.0	0.0	0.0	100.0
2 Bum	3	12	14	0	0	0	0	0	2	0	31	9.7	38.7	45.2	0.0	0.0	0.0	0.0	0.0	6.5	0.0	100.0
3 Goni	0	6	16	0	0	0	1	0	0	1	24	0.0	25.0	66.7	0.0	0.0	0.0	4.2	0.0	0.0	4.2	100.0
4 Dengershufu	15	28	37	0	0	0	0	0	0	0	80	18.8	35.0	46.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
5 Terawa	2	11	21	0	0	0	0	0	0	0	34	5.9	32.4	61.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Sub-Total (Southern Payam)	34	63	113	0	0	4	7	0	2	1	224	15.2	28.1	50.4	0.0	0.0	1.8	3.1	0.0	0.9	0.4	100.0
1 Thorat Jallaba	0	12	12	0	0	1	0	0	0	0	25	0.0	48.0	48.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	100.0
2 Entidad Jallaba	5	2	17	2	1	1	1	2	2	1	34	14.7	5.9	50.0	5.9	2.9	2.9	2.9	5.9	2.9	2.9	100.0
3 Biathin	0	2	22	0	0	0	0	0	1	0	25	0.0	8.0	88.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	100.0
4 Hai Saha	1	3	15	0	0	2	0	0	1	0	22	4.5	13.6	68.2	0.0	0.0	9.1	0.0	0.0	4.5	0.0	100.0
5 Hai Television	7	14	36	0	0	2	4	0	0	0	63	11.1	22.2	57.1	0.0	0.0	3.2	6.3	0.0	0.0	0.0	100.0
6 Eastern Block of Ring Road	0	0	25	0	0	0	0	0	0	0	25	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Sub-Total (Eastern Payam)	13	33	127	2	1	6	5	2	4	1	194	6.7	17.0	65.5	1.0	0.5	3.1	2.6	1.0	2.1	0.5	100.0
Total	95	167	461	11	10	25	22	13	8	8	820	11.6	20.4	56.2	1.3	1.2	3.0	2.7	1.6	1.0	1.0	100.0

14. Status of Resident

Boma/Block	In Number						In %					
	Ex-Refugee	Refugee	Returnee	IDP	Original Resident	Total	Ex-Refugee	Refugee	Returnee	IDP	Original Resident	Total
1 Hai El Matar	5	2	8	5	33	53	9.4	3.8	15.1	9.4	62.3	100.0
2 Hai El Shatti	1	5	7	2	23	38	2.6	13.2	18.4	5.3	60.5	100.0
3 El Bethery	2	2	1	5	11	21	9.5	9.5	4.8	23.8	52.4	100.0
4 Hai Zande	1	2	2	5	14	24	4.2	8.3	8.3	20.8	58.3	100.0
5 Hai Shulluk	1	0	5	4	17	27	3.7	0.0	18.5	14.8	63.0	100.0
6 Hai Nuba	2	0	2	0	19	23	8.7	0.0	8.7	0.0	82.6	100.0
7 Hai Dinka	1	4	1	2	23	31	3.2	12.9	3.2	6.5	74.2	100.0
8 Thorat Malakia	5	0	7	7	33	52	9.6	0.0	13.5	13.5	63.5	100.0
9 Thorat Luakat	5	1	5	4	17	32	15.6	3.1	15.6	12.5	53.1	100.0
Sub-Total (Northern Payam)	23	16	38	34	190	301	7.6	5.3	12.6	11.3	63.1	100.0
1 Ray El Maseri	3	2	4	6	25	40	7.5	5.0	10.0	15.0	62.5	100.0
2 Jallaba	5	0	4	5	23	37	13.5	0.0	10.8	13.5	62.2	100.0
3 Muderia	3	2	8	7	29	49	6.1	4.1	16.3	14.3	59.2	100.0
Sub-Total (Central Payam)	11	4	16	18	77	126	8.7	3.2	12.7	14.3	61.1	100.0
1 Assossa	0	0	8	8	39	55	0.0	0.0	14.5	14.5	70.9	100.0
2 Bum	4	0	5	4	22	35	11.4	0.0	14.3	11.4	62.9	100.0
3 Goni	1	0	0	8	16	25	4.0	0.0	0.0	32.0	64.0	100.0
4 Dengershufu	14	0	25	16	32	87	16.1	0.0	28.7	18.4	36.8	100.0
5 Terawa	0	1	7	3	27	38	0.0	2.6	18.4	7.9	71.1	100.0
Sub-Total (Southern Payam)	19	1	45	39	136	240	7.9	0.4	18.8	16.3	56.7	100.0
1 Thorat Jallaba	0	1	6	2	19	28	0.0	3.6	21.4	7.1	67.9	100.0
2 Emtidad Jallaba	3	1	3	5	22	34	8.8	2.9	8.8	14.7	64.7	100.0
3 Biathin	1	0	3	4	16	24	4.2	0.0	12.5	16.7	66.7	100.0
4 Hai Saha	0	2	1	4	14	21	0.0	9.5	4.8	19.0	66.7	100.0
5 Hai Television	7	0	18	7	33	65	10.8	0.0	27.7	10.8	50.8	100.0
6 Eastern Block of Ring Road	0	0	13	4	8	25	0.0	0.0	52.0	16.0	32.0	100.0
Sub-Total (Eastern Payam)	11	4	44	26	112	197	5.6	2.0	22.3	13.2	56.9	100.0
Total	64	25	143	117	515	864	7.4	2.9	16.6	13.5	59.6	100.0

17. Reason for Having Decided to Live in the Present Community

Boma/Block	In Number				In %			
	Assistance from the government	Assistance from the relatives	Assistance from the same ethnic group	Total	Assistance from the government	Assistance from the relatives	Assistance from the same ethnic group	Total
1 Hai El Matar	21	10	13	44	47.7	22.7	29.5	100.0
2 Hai El Shatti	12	4	11	27	44.4	14.8	40.7	100.0
3 El Bethery	7	1	1	9	77.8	11.1	11.1	100.0
4 Hai Zande	6	2	8	16	37.5	12.5	50.0	100.0
5 Hai Shulluk	7	3	1	11	63.6	27.3	9.1	100.0
6 Hai Nuba	8	2	3	13	61.5	15.4	23.1	100.0
7 Hai Dinka	4	15	0	19	21.1	78.9	0.0	100.0
8 Thorat Malakia	7	7	17	31	22.6	22.6	54.8	100.0
9 Thorat Luakat	14	3	5	22	63.6	13.6	22.7	100.0
Sub-Total (Northern Payam)	86	47	59	192	44.8	24.5	30.7	100.0
1 Ray El Maseri	20	3	2	25	80.0	12.0	8.0	100.0
2 Jallaba	11	9	2	22	50.0	40.9	9.1	100.0
3 Muderia	24	9	4	37	64.9	24.3	10.8	100.0
Sub-Total (Central Payam)	55	21	8	84	65.5	25.0	9.5	100.0
1 Assossa	19	14	12	45	42.2	31.1	26.7	100.0
2 Bum	10	15	3	28	35.7	53.6	10.7	100.0
3 Goni	5	2	2	9	55.6	22.2	22.2	100.0
4 Dengershufu	27	25	8	60	45.0	41.7	13.3	100.0
5 Terawa	10	9	10	29	34.5	31.0	34.5	100.0
Sub-Total (Southern Payam)	71	65	35	171	41.5	38.0	20.5	100.0
1 Thorat Jallaba	13	3	4	20	65.0	15.0	20.0	100.0
2 Emtidad Jallaba	12	5	3	20	60.0	25.0	15.0	100.0
3 Biathin	6	2	2	10	60.0	20.0	20.0	100.0
4 Hai Saha	8	10	1	19	42.1	52.6	5.3	100.0
5 Hai Television	4	21	8	33	12.1	63.6	24.2	100.0
6 Eastern Block of Ring Road	15	7	2	24	62.5	29.2	8.3	100.0
Sub-Total (Eastern Payam)	58	48	20	126	46.0	38.1	15.9	100.0
Total	270	181	122	573	47.1	31.6	21.3	100.0

Note: There are missing data in 11 Bomas.

Comment

Assistance from the government is the main reason to decide staying in the communities, followed by assistance from relatives. Assistance from the same ethnic was chosen as the reason by relatively considerable number of respondents in Hai El Matar, Hai El Shatti, Thorat Malakia, Assossa and Terawa. In Thorat Malakia, especially, assistance from the same ethnic was the main reason.

19. Conflict with Other Ethnic Group							
Boma/Block		In Number			In %		
		Yes	No	Total	Yes	No	Total
1	Hai El Matar	0	53	53	0.0	100.0	100.0
2	Hai El Shatti	1	34	35	2.9	97.1	100.0
3	El Bethery	8	13	21	38.1	61.9	100.0
4	Hai Zande	1	23	24	4.2	95.8	100.0
5	Hai Shulluk	3	24	27	11.1	88.9	100.0
6	Hai Nuba	6	17	23	26.1	73.9	100.0
7	Hai Dinka	4	26	30	13.3	86.7	100.0
8	Thorat Malakia	1	50	51	2.0	98.0	100.0
9	Thorat Luakat	5	27	32	15.6	84.4	100.0
Sub-Total (Northern Payam)		29	267	296	9.8	90.2	100.0
1	Ray El Maseri	8	32	40	20.0	80.0	100.0
2	Jallaba	2	35	37	5.4	94.6	100.0
3	Muderia	2	50	52	3.8	96.2	100.0
Sub-Total (Central Payam)		12	117	129	9.3	90.7	100.0
1	Assossa	7	46	53	13.2	86.8	100.0
2	Bum	0	33	33	0.0	100.0	100.0
3	Goni	2	23	25	8.0	92.0	100.0
4	Dengershufu	2	85	87	2.3	97.7	100.0
5	Terawa	0	37	37	0.0	100.0	100.0
Sub-Total (Southern Payam)		11	224	235	4.7	95.3	100.0
1	Thorat Jallaba	1	27	28	3.6	96.4	100.0
2	Emtidad Jallaba	3	30	33	9.1	90.9	100.0
3	Biathin	0	23	23	0.0	100.0	100.0
4	Hai Saha	0	23	23	0.0	100.0	100.0
5	Hai Television	7	57	64	10.9	89.1	100.0
6	Eastern Block of Ring Road	0	25	25	0.0	100.0	100.0
Sub-Total (Eastern Payam)		11	185	196	5.6	94.4	100.0
Total		63	793	856	7.4	92.6	100.0

Note: Perception of conflict is subjective to the respondent.

Comment/Description

There is general trend of no or few conflicts between ethnic groups in 23 Bomas.

Focusing on Payam level, 90.2%, 90.7%, 95.3%, and 94.4% had answered no conflict in Northern Payam, Central Payam, Southern Payam, and Eastern Payam, respectively.

In El Bethery, Hai Nuba, Ray El Maseri, Assossa, and Hai Television, conflict with other ethnic were perceived as higher relatively.

20. Young Employable Member Who is not Working

Boma/Block		In Number			In %		
		Yes	No	Total	Yes	No	Total
1	Hai El Matar	26	28	54	48.1	51.9	100.0
2	Hai El Shatti	23	13	36	63.9	36.1	100.0
3	El Bethery	8	13	21	38.1	61.9	100.0
4	Hai Zande	23	1	24	95.8	4.2	100.0
5	Hai Shulluk	17	7	24	70.8	29.2	100.0
6	Hai Nuba	14	5	19	73.7	26.3	100.0
7	Hai Dinka	12	19	31	38.7	61.3	100.0
8	Thorat Malakia	30	21	51	58.8	41.2	100.0
9	Thorat Luakat	21	9	30	70.0	30.0	100.0
Sub-Total (Northern Payam)		174	116	290	60.0	40.0	100.0
1	Ray El Maseri	25	15	40	62.5	37.5	100.0
2	Jallaba	19	18	37	51.4	48.6	100.0
3	Muderia	31	20	51	60.8	39.2	100.0
Sub-Total (Central Payam)		75	53	128	58.6	41.4	100.0
1	Assossa	33	17	50	66.0	34.0	100.0
2	Bum	22	11	33	66.7	33.3	100.0
3	Goni	23	2	25	92.0	8.0	100.0
4	Dengershufu	70	14	84	83.3	16.7	100.0
5	Terawa	21	17	38	55.3	44.7	100.0
Sub-Total (Southern Payam)		169	61	230	73.5	26.5	100.0
1	Thorat Jallaba	14	15	29	48.3	51.7	100.0
2	Emtidad Jallaba	30	4	34	88.2	11.8	100.0
3	Biathin	20	5	25	80.0	20.0	100.0
4	Hai Saha	13	9	22	59.1	40.9	100.0
5	Hai Television	35	24	59	59.3	40.7	100.0
6	Eastern Block of Ring Road	14	10	24	58.3	41.7	100.0
Sub-Total (Eastern Payam)		126	67	193	65.3	34.7	100.0
Total		544	297	841	64.7	35.3	100.0

22. Security Problem in Community

Boma/Block		Number of Respondents			%		
		Yes	No	Total	Yes	No	Total
1	Hai El Matar	10	37	47	21.3	78.7	100.0
2	Hai El Shatti	2	33	35	5.7	94.3	100.0
3	El Bethery	7	3	10	70.0	30.0	100.0
4	Hai Zande	10	12	22	45.5	54.5	100.0
5	Hai Shulluk	5	17	22	22.7	77.3	100.0
6	Hai Nuba	5	10	15	33.3	66.7	100.0
7	Hai Dinka	6	15	21	28.6	71.4	100.0
8	Thorat Malakia	18	33	51	35.3	64.7	100.0
9	Thorat Luakat	20	7	27	74.1	25.9	100.0
Sub-Total (Northern Payam)		83	167	250	33.2	66.8	100.0
1	Ray El Maseri	15	21	36	41.7	58.3	100.0
2	Jallaba	12	20	32	37.5	62.5	100.0
3	Muderia	5	29	34	14.7	85.3	100.0
Sub-Total (Central Payam)		32	70	102	31.4	68.6	100.0
1	Assossa	3	26	29	10.3	89.7	100.0
2	Bum	3	8	11	27.3	72.7	100.0
3	Goni	8	13	21	38.1	61.9	100.0
4	Dengershufu	14	34	48	29.2	70.8	100.0
5	Terawa	6	16	22	27.3	72.7	100.0
Sub-Total (Southern Payam)		34	97	131	26.0	74.0	100.0
1	Thorat Jallaba	4	25	29	13.8	86.2	100.0
2	Entidad Jallaba	10	18	28	35.7	64.3	100.0
3	Biathin	10	12	22	45.5	54.5	100.0
4	Hai Saha	8	16	24	33.3	66.7	100.0
5	Hai Television	17	24	41	41.5	58.5	100.0
6	Eastern Block of Ring Road	0	24	24	0.0	100.0	100.0
Sub-Total (Eastern Payam)		49	119	168	29.2	70.8	100.0
Total		198	453	651	30.4	69.6	100.0

More ore less, 60 to 70 % of respondents replied no security problem in every Payam.

Security issue is highly recognized in some Boma, such as Thorat Luakat (74.1%),Hai Zande (45.5%), Biathin (45.5%), Ray El Maseri (41.7%) and Hai Television (41.5%), .

25. Average Monthly Income

Boma/Block	In Number						In %					
	Less 500 (SSP/Month)	500-1,000 (SSP/Month)	1,000-5,000 (SSP/Month)	5,000-10,000 (SSP/Month)	10,000 More (SSP/Month)	Total	Less 500 (SSP/Month)	500-1,000 (SSP/Month)	1,000-5,000 (SSP/Month)	5,000-10,000 (SSP/Month)	10,000 More (SSP/Month)	Total
1 Hai El Matar	18	28	8	1	0	55	32.7	50.9	14.5	1.8	0.0	100.0
2 Hai El Shatti	10	12	11	2	0	35	28.6	34.3	31.4	5.7	0.0	100.0
3 El Bethery	11	5	4	1	0	21	52.4	23.8	19.0	4.8	0.0	100.0
4 Hai Zande	8	8	5	2	0	23	34.8	34.8	21.7	8.7	0.0	100.0
5 Hai Shulluk	12	4	11	0	0	27	44.4	14.8	40.7	0.0	0.0	100.0
6 Hai Nuba	4	13	7	1	0	25	16.0	52.0	28.0	4.0	0.0	100.0
7 Hai Dinka	14	16	0	0	0	30	46.7	53.3	0.0	0.0	0.0	100.0
8 Thorat Malakia	18	28	5	0	1	52	34.6	53.8	9.6	0.0	1.9	100.0
9 Thorat Luakat	10	8	14	1	0	33	30.3	24.2	42.4	3.0	0.0	100.0
Sub-Total (Northern Payam)	105	122	65	8	1	301	34.9	40.5	21.6	2.7	0.3	100.0
1 Ray El Maseri	9	18	7	3	0	37	24.3	48.6	18.9	8.1	0.0	100.0
2 Jallaba	10	16	8	1	1	36	27.8	44.4	22.2	2.8	2.8	100.0
3 Muderia	10	24	14	5	0	53	18.9	45.3	26.4	9.4	0.0	100.0
Sub-Total (Central Payam)	29	58	29	9	1	126	23.0	46.0	23.0	7.1	0.8	100.0
1 Assossa	28	21	4	0	0	53	52.8	39.6	7.5	0.0	0.0	100.0
2 Bum	11	6	13	3	0	33	33.3	18.2	39.4	9.1	0.0	100.0
3 Goni	9	8	6	2	0	25	36.0	32.0	24.0	8.0	0.0	100.0
4 Dengershufu	33	18	22	7	0	80	41.3	22.5	27.5	8.8	0.0	100.0
5 Terawa	18	14	5	0	0	37	48.6	37.8	13.5	0.0	0.0	100.0
Sub-Total (Southern Payam)	99	67	50	12	0	228	43.4	29.4	21.9	5.3	0.0	100.0
1 Thorat Jallaba	11	11	5	0	0	27	40.7	40.7	18.5	0.0	0.0	100.0
2 Emtidad Jallaba	9	12	6	2	0	29	31.0	41.4	20.7	6.9	0.0	100.0
3 Biathin	12	7	6	0	0	25	48.0	28.0	24.0	0.0	0.0	100.0
4 Hai Saha	15	7	2	0	0	24	62.5	29.2	8.3	0.0	0.0	100.0
5 Hai Television	23	27	12	2	0	64	35.9	42.2	18.8	3.1	0.0	100.0
6 Eastern Block of Ring Road	18	6	0	0	0	24	75.0	25.0	0.0	0.0	0.0	100.0
Sub-Total (Eastern Payam)	88	70	31	4	0	193	45.6	36.3	16.1	2.1	0.0	100.0
Total	321	317	175	33	2	848	37.9	37.4	20.6	3.9	0.2	100.0

33. Level of Satisfaction with Current Economic Situation

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very satisfied +Satisfied	Very dissatisfied +dissatisfied
1 Hai El Matar	2	2	16	23	12	55	3.6	3.6	29.1	41.8	21.8	100.0	7.3	63.6
2 Hai El Shatti	0	6	16	9	7	38	0.0	15.8	42.1	23.7	18.4	100.0	15.8	42.1
3 El Bethery	0	5	5	8	4	22	0.0	22.7	22.7	36.4	18.2	100.0	22.7	54.5
4 Hai Zande	2	3	1	12	7	25	8.0	12.0	4.0	48.0	28.0	100.0	20.0	76.0
5 Hai Shulluk	0	1	1	13	12	27	0.0	3.7	3.7	48.1	44.4	100.0	3.7	92.6
6 Hai Nuba	0	2	6	11	3	22	0.0	9.1	27.3	50.0	13.6	100.0	9.1	63.6
7 Hai Dinka	0	4	11	15	1	31	0.0	12.9	35.5	48.4	3.2	100.0	12.9	51.6
8 Thorat Malakia	0	2	10	27	12	51	0.0	3.9	19.6	52.9	23.5	100.0	3.9	76.5
9 Thorat Luakat	0	0	3	18	12	33	0.0	0.0	9.1	54.5	36.4	100.0	0.0	90.9
Sub-Total (Northern Payam)	4	25	69	136	70	304	1.3	8.2	22.7	44.7	23.0	100.0	9.5	67.8
1 Ray El Maseri	0	5	11	17	6	39	0.0	12.8	28.2	43.6	15.4	100.0	12.8	59.0
2 Jallaba	0	5	4	20	8	37	0.0	13.5	10.8	54.1	21.6	100.0	13.5	75.7
3 Muderia	2	8	24	9	9	52	3.8	15.4	46.2	17.3	17.3	100.0	19.2	34.6
Sub-Total (Central Payam)	2	18	39	46	23	128	1.6	14.1	30.5	35.9	18.0	100.0	15.6	53.9
1 Assossa	2	6	11	17	17	53	3.8	11.3	20.8	32.1	32.1	100.0	15.1	64.2
2 Bum	0	7	9	5	14	35	0.0	20.0	25.7	14.3	40.0	100.0	20.0	54.3
3 Goni	0	4	8	7	6	25	0.0	16.0	32.0	28.0	24.0	100.0	16.0	52.0
4 Dengershufu	0	9	31	18	28	86	0.0	10.5	36.0	20.9	32.6	100.0	10.5	53.5
5 Terawa	0	6	13	3	16	38	0.0	15.8	34.2	7.9	42.1	100.0	15.8	50.0
Sub-Total (Southern Payam)	2	32	72	50	81	237	0.8	13.5	30.4	21.1	34.2	100.0	14.3	55.3
1 Thorat Jallaba	1	1	11	7	9	29	3.4	3.4	37.9	24.1	31.0	100.0	6.9	55.2
2 Entidad Jallaba	0	4	9	8	12	33	0.0	12.1	27.3	24.2	36.4	100.0	12.1	60.6
3 Biathin	0	2	4	14	5	25	0.0	8.0	16.0	56.0	20.0	100.0	8.0	76.0
4 Hai Saha	1	0	6	9	9	25	4.0	0.0	24.0	36.0	36.0	100.0	4.0	72.0
5 Hai Television	1	5	19	21	18	64	1.6	7.8	29.7	32.8	28.1	100.0	9.4	60.9
6 Eastern Block of Ring Road	0	0	2	12	11	25	0.0	0.0	8.0	48.0	44.0	100.0	0.0	92.0
Sub-Total (Eastern Payam)	3	12	51	71	64	201	1.5	6.0	25.4	35.3	31.8	100.0	7.5	67.2
Total	11	87	231	303	238	870	1.3	10.0	26.6	34.8	27.4	100.0	11.3	62.2

Comment

Almost half or more respondents felt their current economic situation as "dissatisfied" or "very much dissatisfied".

On the contrary, only about 10% of the respondents recognized it as "very much satisfied" or "satisfied".

The above trend is same in all Payams.

People in Muderia may be better off, according to the results.

34. Reasons for Not Being Satisfied with Current Economic Situation

Boma/Block	In Number								In %							
	The household does not have adequate income for basic needs.	The inflation rate is high.	There is no opportunity for job.	The household manages to cover the basic needs but nothing else.	Limited Livelihood Alternatives	No Lender	Others	No. of Respondents	The household does not have adequate income for basic needs.	The inflation rate is high.	There is no opportunity for job.	The household manages to cover the basic needs but nothing else.	Limited Livelihood Alternatives	No Lender	Others	No. of Total Answer/ No. of Respondents
1 Hai El Matar	42	14	19	19	4	9	1	51	82.4	27.5	37.3	37.3	7.8	17.6	2.0	211.8
2 Hai El Shatti	22	8	13	13	4	4	3	32	68.8	25.0	40.6	40.6	12.5	12.5	9.4	209.4
3 El Bethery	13	8	3	2	3	4	4	21	61.9	38.1	14.3	9.5	14.3	19.0	19.0	176.2
4 Hai Zande	20	15	7	16	6	5	0	22	90.9	68.2	31.8	72.7	27.3	22.7	0.0	313.6
5 Hai Shulluk	14	9	3	10	5	4	4	22	63.6	40.9	13.6	45.5	22.7	18.2	18.2	222.7
6 Hai Nuba	16	9	10	5	5	6	4	22	72.7	40.9	45.5	22.7	22.7	27.3	18.2	250.0
7 Hai Dinka	16	11	3	17	4	8	4	25	64.0	44.0	12.0	68.0	16.0	32.0	16.0	252.0
8 Thorat Malakia	39	17	24	18	6	8	0	49	79.6	34.7	49.0	36.7	12.2	16.3	0.0	228.6
9 Thorat Luakat	22	13	20	6	1	9	1	32	68.8	40.6	62.5	18.8	3.1	28.1	3.1	225.0
Sub-Total (Northern Payam)	204	104	102	106	38	57	21	276	73.9	37.7	37.0	38.4	13.8	20.7	7.6	229.0
1 Ray El Masen	25	27	14	2	2	11	0	39	64.1	69.2	35.9	5.1	5.1	28.2	0.0	207.7
2 Jallaba	21	14	18	5	3	8	2	32	65.6	43.8	56.3	15.6	9.4	25.0	6.3	221.9
3 Muderia	23	18	18	13	0	5	1	51	45.1	35.3	35.3	25.5	0.0	9.8	2.0	152.9
Sub-Total (Central Payam)	69	59	50	20	5	24	3	122	56.6	48.4	41.0	16.4	4.1	19.7	2.5	188.5
1 Assossa	32	12	18	28	4	9	2	46	69.6	26.1	39.1	60.9	8.7	19.6	4.3	228.3
2 Bum	15	10	16	15	1	4	0	34	44.1	29.4	47.1	44.1	2.9	11.8	0.0	179.4
3 Goni	13	11	12	6	0	10	0	25	52.0	44.0	48.0	24.0	0.0	40.0	0.0	208.0
4 Dengershufu	46	35	41	38	3	8	0	84	54.8	41.7	48.8	45.2	3.6	9.5	0.0	203.6
5 Terawa	17	7	5	16	0	1	0	35	48.6	20.0	14.3	45.7	0.0	2.9	0.0	131.4
Sub-Total (Southern Payam)	123	75	92	103	8	32	2	224	54.9	33.5	41.1	46.0	3.6	14.3	0.9	194.2
1 Thorat Jallaba	13	8	7	12	5	6	4	25	52.0	32.0	28.0	48.0	20.0	24.0	16.0	220.0
2 Entidad Jallaba	19	11	11	16	10	11	5	35	54.3	31.4	31.4	45.7	28.6	31.4	14.3	237.1
3 Biathin	21	11	6	24	6	5	1	25	84.0	44.0	24.0	96.0	24.0	20.0	4.0	296.0
4 Hai Saha	12	7	4	5	0	5	0	25	48.0	28.0	16.0	20.0	0.0	20.0	0.0	132.0
5 Hai Television	46	19	32	33	7	8	1	62	74.2	30.6	51.6	53.2	11.3	12.9	1.6	235.5
6 Eastern Block of Ring Road	11	9	8	5	6	4	4	24	45.8	37.5	33.3	20.8	25.0	16.7	16.7	195.8
Sub-Total (Eastern Payam)	122	65	68	95	34	39	15	196	62.2	33.2	34.7	48.5	17.3	19.9	7.7	223.5
Total	518	303	312	324	85	152	41	818	63.3	37.0	38.1	39.6	10.4	18.6	5.0	212.1

37. Educational Level of Household Head

Boma/Block	In Number										In %									
	Never been to School	Primary School Not Finished	Primary School Finished	Secondary School Not Finished	Secondary School Finished	Post Secondary School Not Finished	Post Secondary School Finished	University Not Finished	University Finished	Total	Never been to School	Primary School Not Finished	Primary School Finished	Secondary School Not Finished	Secondary School Finished	Post Secondary School Not Finished	Post Secondary School Finished	University Not Finished	University Finished	Total
1 Hai El Matar	6	4	1	3	6	2	10	8	6	46	13.0	8.7	2.2	6.5	13.0	4.3	21.7	17.4	13.0	100.0
2 Hai El Shatti	4	3	4	1	4	0	5	2	2	25	16.0	12.0	16.0	4.0	16.0	0.0	20.0	8.0	8.0	100.0
3 El Bethery	2	5	0	3	0	3	0	3	2	18	11.1	27.8	0.0	16.7	0.0	16.7	0.0	16.7	11.1	100.0
4 Hai Zande	7	3	1	2	3	4	1	1	3	25	28.0	12.0	4.0	8.0	12.0	16.0	4.0	4.0	12.0	100.0
5 Hai Shulluk	3	4	3	2	5	1	1	2	4	25	12.0	16.0	12.0	8.0	20.0	4.0	4.0	8.0	16.0	100.0
6 Hai Nuba	1	9	3	0	2	3	2	1	1	22	4.5	40.9	13.6	0.0	9.1	13.6	9.1	4.5	4.5	100.0
7 Hai Dinka	0	7	1	1	0	3	2	3	1	18	0.0	38.9	5.6	5.6	0.0	16.7	11.1	16.7	5.6	100.0
8 Thorat Malakia	6	8	2	5	6	0	7	7	5	46	13.0	17.4	4.3	10.9	13.0	0.0	15.2	15.2	10.9	100.0
9 Thorat Luakat	7	1	0	1	4	0	7	3	8	31	22.6	3.2	0.0	3.2	12.9	0.0	22.6	9.7	25.8	100.0
Sub-Total (Northern Payam)	36	44	15	18	30	16	35	30	32	194	18.6	22.7	7.7	9.3	15.5	8.2	18.0	161.7	141.1	100.0
1 Ray El Maseri	7	7	1	3	5	0	5	0	8	36	19.4	19.4	2.8	8.3	13.9	0.0	13.9	0.0	22.2	100.0
2 Jallaba	4	2	1	0	3	1	8	8	4	31	12.9	6.5	3.2	0.0	9.7	3.2	25.8	25.8	12.9	100.0
3 Muderia	8	5	1	2	7	0	9	9	5	46	17.4	10.9	2.2	4.3	15.2	0.0	19.6	19.6	10.9	100.0
Sub-Total (Central Payam)	19	14	3	5	15	1	22	17	17	79	24.1	17.7	3.8	6.3	19.0	1.3	27.8			100.0
1 Assossa	9	6	7	2	6	0	12	2	5	49	18.4	12.2	14.3	4.1	12.2	0.0	24.5	4.1	10.2	100.0
2 Bum	8	0	0	1	6	0	8	8	0	31	25.8	0.0	0.0	3.2	19.4	0.0	25.8	25.8	0.0	100.0
3 Goni	1	2	1	5	2	0	0	2	1	14	7.1	14.3	7.1	35.7	14.3	0.0	0.0	14.3	7.1	100.0
4 Dengershufu	16	2	6	0	15	2	17	15	0	73	21.9	2.7	8.2	0.0	20.5	2.7	23.3	20.5	0.0	100.0
5 Terawa	11	5	1	2	1	1	4	6	5	36	30.6	13.9	2.8	5.6	2.8	2.8	11.1	16.7	13.9	100.0
Sub-Total (Southern Payam)	45	15	15	10	30	3	41	33	11	159	28.3	9.4	9.4	6.3	18.9	1.9	25.8			100.0
1 Thorat Jallaba	9	4	4	0	4	1	4	1	2	29	31.0	13.8	13.8	0.0	13.8	3.4	13.8	3.4	6.9	100.0
2 Entidad Jallaba	5	2	3	1	5	1	2	1	12	32	15.6	6.3	9.4	3.1	15.6	3.1	6.3	3.1	37.5	100.0
3 Biathin	4	8	5	0	4	1	0	0	2	24	16.7	33.3	20.8	0.0	16.7	4.2	0.0	0.0	8.3	100.0
4 Hai Saha	3	5	3	2	4	0	3	2	2	22	13.6	22.7	13.6	9.1	18.2	0.0	0.0	13.6	9.1	100.0
5 Hai Television	5	2	5	0	10	2	17	13	2	56	8.9	3.6	8.9	0.0	17.9	3.6	30.4	23.2	3.6	100.0
6 Eastern Block of Ring Road	4	11	1	0	2	2	4	0	0	24	16.7	45.8	4.2	0.0	8.3	8.3	16.7	0.0	0.0	100.0
Sub-Total (Eastern Payam)	30	32	21	3	29	7	27	18	20	149	20.1	21.5	14.1	2.0	19.5	4.7	18.1	89.4	93.1	100.0
Total	130	105	54	36	104	27	125	98	80	581	22.4	18.1	9.3	6.2	17.9	4.6	21.5	438.0	442.7	100.0

41. Distance to Primary School

Boma/Block	In Number						In %						Summary (%)	
	Less than 15 min	15-30 min	30-45 min	45-60 min	More than 1 hour	Total	Less than 15 min	15-30 min	30-45 min	45-60 min	More than 1 hour	Total	Less than 30 min	More than 45 min
1 Hai El Matar	7	24	4	0	0	35	20.0	68.6	11.4	0.0	0.0	100.0	88.6	0.0
2 Hai El Shatti	6	15	6	0	0	27	22.2	55.6	22.2	0.0	0.0	100.0	77.8	0.0
3 El Bethery	8	6	1	2	0	17	47.1	35.3	5.9	11.8	0.0	100.0	82.4	11.8
4 Hai Zande	15	5	2	0	0	22	68.2	22.7	9.1	0.0	0.0	100.0	90.9	0.0
5 Hai Shulluk	12	9	0	0	0	21	57.1	42.9	0.0	0.0	0.0	100.0	100.0	0.0
6 Hai Nuba	15	5	0	0	0	20	75.0	25.0	0.0	0.0	0.0	100.0	100.0	0.0
7 Hai Dinka	12	7	0	0	0	19	63.2	36.8	0.0	0.0	0.0	100.0	100.0	0.0
8 Thorat Malakia	27	15	6	1	0	49	55.1	30.6	12.2	2.0	0.0	100.0	85.7	2.0
9 Thorat Luakat	19	6	5	0	1	31	61.3	19.4	16.1	0.0	3.2	100.0	80.6	3.2
Sub-Total (Northern Payam)	121	92	24	3	1	241	50.2	38.2	10.0	1.2	0.4	100.0	88.4	1.7
1 Ray El Maseri	9	19	6	3	1	38	23.7	50.0	15.8	7.9	2.6	100.0	73.7	10.5
2 Jallaba	11	14	8	0	0	33	33.3	42.4	24.2	0.0	0.0	100.0	75.8	0.0
3 Muderia	30	20	4	0	0	54	55.6	37.0	7.4	0.0	0.0	100.0	92.6	0.0
Sub-Total (Central Payam)	50	53	18	3	1	125	40.0	42.4	14.4	2.4	0.8	100.0	82.4	3.2
1 Assossa	11	20	4	4	1	40	27.5	50.0	10.0	10.0	2.5	100.0	77.5	12.5
2 Bum	12	17	5	0	1	35	34.3	48.6	14.3	0.0	2.9	100.0	82.9	2.9
3 Goni	6	3	3	5	5	22	27.3	13.6	13.6	22.7	22.7	100.0	40.9	45.5
4 Dengershufu	26	39	14	0	0	79	32.9	49.4	17.7	0.0	0.0	100.0	82.3	0.0
5 Terawa	20	8	3	1	0	32	62.5	25.0	9.4	3.1	0.0	100.0	87.5	3.1
Sub-Total (Southern Payam)	75	87	29	10	7	208	36.1	41.8	13.9	4.8	3.4	100.0	77.9	8.2
1 Thorat Jallaba	12	3	0	0	0	15	80.0	20.0	0.0	0.0	0.0	100.0	100.0	0.0
2 Entidad Jallaba	8	12	8	2	2	32	25.0	37.5	25.0	6.3	6.3	100.0	62.5	12.5
3 Biathin	8	11	5	0	0	24	33.3	45.8	20.8	0.0	0.0	100.0	79.2	0.0
4 Hai Saha	2	12	8	0	0	22	9.1	54.5	36.4	0.0	0.0	100.0	63.6	0.0
5 Hai Television	11	32	11	1	2	57	19.3	56.1	19.3	1.8	3.5	100.0	75.4	5.3
6 Eastern Block of Ring Road	2	1	2	7	1	13	15.4	7.7	15.4	53.8	7.7	100.0	23.1	61.5
Sub-Total (Eastern Payam)	43	71	34	10	5	163	26.4	43.6	20.9	6.1	3.1	100.0	69.9	9.2
Total	289	303	105	26	14	737	39.2	41.1	14.2	3.5	1.9	100.0	80.3	5.4

Comment

Goni and Eastern Block of Ring Road Road have no school in their community. It tooks much longer time to commute to primary schools from these Bomas.

42. Distance to Secondary School

Boma/Block	In Number						In %						Summary (%)	
	Less than 15 min	15-30 min	30-45 min	45-60 min	More than 1 hour	Total	Less than 15 min	15-30 min	30-45 min	45-60 min	More than 1 hour	Total	Less than 30 min	More than 45 min
1 Hai El Matar	0	5	3	5	9	22	0.0	22.7	13.6	22.7	40.9	100.0	22.7	63.6
2 Hai El Shatti	6	9	1	4	2	22	27.3	40.9	4.5	18.2	9.1	100.0	68.2	27.3
3 El Bethery	5	2	5	1	1	14	35.7	14.3	35.7	7.1	7.1	100.0	50.0	14.3
4 Hai Zande	17	4	2	0	0	23	73.9	17.4	8.7	0.0	0.0	100.0	91.3	0.0
5 Hai Shulluk	10	10	1	0	0	21	47.6	47.6	4.8	0.0	0.0	100.0	95.2	0.0
6 Hai Nuba	10	8	1	0	0	19	52.6	42.1	5.3	0.0	0.0	100.0	94.7	0.0
7 Hai Dinka	10	6	3	0	0	19	52.6	31.6	15.8	0.0	0.0	100.0	84.2	0.0
8 Thorat Malakia	16	7	2	7	4	36	44.4	19.4	5.6	19.4	11.1	100.0	63.9	30.6
9 Thorat Luakat	0	7	8	5	4	24	0.0	29.2	33.3	20.8	16.7	100.0	29.2	37.5
Sub-Total (Northern Payam)	74	58	26	22	20	200	37.0	29.0	13.0	11.0	10.0	100.0	66.0	21.0
1 Ray El Maseri	5	5	12	9	6	37	13.5	13.5	32.4	24.3	16.2	100.0	27.0	40.5
2 Jallaba	0	8	3	7	4	22	0.0	36.4	13.6	31.8	18.2	100.0	36.4	50.0
3 Muderia	22	4	0	5	4	35	62.9	11.4	0.0	14.3	11.4	100.0	74.3	25.7
Sub-Total (Central Payam)	27	17	15	21	14	94	28.7	18.1	16.0	22.3	14.9	100.0	46.8	37.2
1 Assossa	4	5	6	9	1	25	16.0	20.0	24.0	36.0	4.0	100.0	36.0	40.0
2 Bum	0	3	0	6	6	15	0.0	20.0	0.0	40.0	40.0	100.0	20.0	80.0
3 Goni	2	3	3	1	12	21	9.5	14.3	14.3	4.8	57.1	100.0	23.8	61.9
4 Dengershufu	0	12	5	13	17	47	0.0	25.5	10.6	27.7	36.2	100.0	25.5	63.8
5 Terawa	1	3	1	3	1	9	11.1	33.3	11.1	33.3	11.1	100.0	44.4	44.4
Sub-Total (Southern Payam)	7	26	15	32	37	117	6.0	22.2	12.8	27.4	31.6	100.0	28.2	59.0
1 Thorat Jallaba	0	5	2	0	0	7	0.0	71.4	28.6	0.0	0.0	100.0	71.4	0.0
2 Entidad Jallaba	2	5	3	12	6	28	7.1	17.9	10.7	42.9	21.4	100.0	25.0	64.3
3 Biathin	0	6	7	10	0	23	0.0	26.1	30.4	43.5	0.0	100.0	26.1	43.5
4 Hai Saha	0	4	16	2	0	22	0.0	18.2	72.7	9.1	0.0	100.0	18.2	9.1
5 Hai Television	3	7	2	11	9	32	9.4	21.9	6.3	34.4	28.1	100.0	31.3	62.5
6 Eastern Block of Ring Road	0	0	1	6	3	10	0.0	0.0	10.0	60.0	30.0	100.0	0.0	90.0
Sub-Total (Eastern Payam)	5	27	31	41	18	122	4.1	22.1	25.4	33.6	14.8	100.0	26.2	48.4
Total	113	128	87	116	89	533	21.2	24.0	16.3	21.8	16.7	100.0	45.2	38.5

Comment

In Northern Payam, it takes less than 30 minutes for the majority of students.

In Central Payam, the results have varied from less than 15 minutes to more than 1 hour, except Muderia where it takes less than 15 min..

In Southern Payam, the results show that it takes the longest time to the secondary schools among 4 Payams.

In Eastern Payam, it takes longer time, although the results have varied among Bomas. Eastern Block of Ring Road is the most disadvantageous location among 23 Bomas.

43. Level of Satisfaction with Present Education Services

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Satisfied +Satisfied	Very Dissatisfied +Dissatisfied
1 Hai El Matar	0	11	19	6	12	48	0.0	22.9	39.6	12.5	25.0	100.0	22.9	37.5
2 Hai El Shatti	2	6	10	8	9	35	5.7	17.1	28.6	22.9	25.7	100.0	22.9	48.6
3 El Bethery	1	5	9	3	3	21	4.8	23.8	42.9	14.3	14.3	100.0	28.6	28.6
4 Hai Zande	4	6	2	11	2	25	16.0	24.0	8.0	44.0	8.0	100.0	40.0	52.0
5 Hai Shulluk	2	4	9	4	3	22	9.1	18.2	40.9	18.2	13.6	100.0	27.3	31.8
6 Hai Nuba	1	5	11	5	0	22	4.5	22.7	50.0	22.7	0.0	100.0	27.3	22.7
7 Hai Dinka	3	2	9	8	3	25	12.0	8.0	36.0	32.0	12.0	100.0	20.0	44.0
8 Thorat Malakia	0	13	11	10	17	51	0.0	25.5	21.6	19.6	33.3	100.0	25.5	52.9
9 Thorat Luakat	1	3	4	18	7	33	3.0	9.1	12.1	54.5	21.2	100.0	12.1	75.8
Sub-Total (Northern Payam)	14	55	84	73	56	282	5.0	19.5	29.8	25.9	19.9	100.0	24.5	45.7
1 Ray El Maseri	2	10	15	12	2	41	4.9	24.4	36.6	29.3	4.9	100.0	29.3	34.1
2 Jallaba	0	8	10	6	13	37	0.0	21.6	27.0	16.2	35.1	100.0	21.6	51.4
3 Muderia	2	16	19	8	9	54	3.7	29.6	35.2	14.8	16.7	100.0	33.3	31.5
Sub-Total (Central Payam)	4	34	44	26	24	132	3.0	25.8	33.3	19.7	18.2	100.0	28.8	37.9
1 Assossa	3	8	5	27	10	53	5.7	15.1	9.4	50.9	18.9	100.0	20.8	69.8
2 Bum	0	9	10	7	9	35	0.0	25.7	28.6	20.0	25.7	100.0	25.7	45.7
3 Goni	3	3	8	4	5	23	13.0	13.0	34.8	17.4	21.7	100.0	26.1	39.1
4 Dengershufu	2	20	20	16	26	84	2.4	23.8	23.8	19.0	31.0	100.0	26.2	50.0
5 Terawa	0	10	13	5	10	38	0.0	26.3	34.2	13.2	26.3	100.0	26.3	39.5
Sub-Total (Southern Payam)	8	50	56	59	60	233	3.4	21.5	24.0	25.3	25.8	100.0	24.9	51.1
1 Thorat Jallaba	0	5	13	3	8	29	0.0	17.2	44.8	10.3	27.6	100.0	17.2	37.9
2 Entidad Jallaba	1	10	12	2	9	34	2.9	29.4	35.3	5.9	26.5	100.0	32.4	32.4
3 Biathin	0	1	1	16	7	25	0.0	4.0	4.0	64.0	28.0	100.0	4.0	92.0
4 Hai Saha	1	2	7	10	4	24	4.2	8.3	29.2	41.7	16.7	100.0	12.5	58.3
5 Hai Television	1	13	17	14	19	64	1.6	20.3	26.6	21.9	29.7	100.0	21.9	51.6
6 Eastern Block of Ring Road	0	0	1	10	8	19	0.0	0.0	5.3	52.6	42.1	100.0	0.0	94.7
Sub-Total (Eastern Payam)	3	31	51	55	55	195	1.5	15.9	26.2	28.2	28.2	100.0	17.4	56.4
Total	29	170	235	213	195	842	3.4	20.2	27.9	25.3	23.2	100.0	23.6	48.5

Comment

Lowest level of satisfaction with present education services is found in Eastern Block of Ring Road.

Level of satisfaction is lower in some Bomas away from Nile River, e.g. Thorat Luakat, Assossa, Biathin, and Eastern Block of Ring Road.

44. Problems with Education Services

Boma/Block	In Number										In %								
	High Education Expenses	A Long Distance to Education Facility	No Time to Go to School Because of Working	Family's Disagreement for Going to School	Unavailability of Adequate Trained Teachers	Sickness, Disability	Cultural Hindrance	Others	No. of Respondents	High Education Expenses	A Long Distance to Education Facility	No Time to Go to School Because of Working	Family's Disagreement for Going to School	Unavailability of Adequate Trained Teachers	Sickness, Disability	Cultural Hindrance	Others	No. of Total Answer/ No. of Respondents	
1 Hai El Matar	43	12	17	2	10	3	3	0	53	81.1	22.6	32.1	3.8	18.9	5.7	5.7	0.0	169.8	
2 Hai El Shatti	29	12	7	2	4	0	1	0	33	87.9	36.4	21.2	6.1	12.1	0.0	3.0	0.0	166.7	
3 El Bethery	10	1	0	0	0	0	0	0	10	100.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	
4 Hai Zande	21	7	2	2	5	1	0	0	24	87.5	29.2	8.3	8.3	20.8	4.2	0.0	0.0	158.3	
5 Hai Shulluk	17	7	4	1	2	4	3	0	21	81.0	33.3	19.0	4.8	9.5	19.0	14.3	0.0	181.0	
6 Hai Nuba	16	2	1	0	0	0	0	0	19	84.2	10.5	5.3	0.0	0.0	0.0	0.0	0.0	100.0	
7 Hai Dinka	14	2	1	0	0	2	2	0	21	66.7	9.5	4.8	0.0	0.0	9.5	9.5	0.0	100.0	
8 Thorat Malakia	37	6	10	0	18	8	2	0	50	74.0	12.0	20.0	0.0	36.0	16.0	4.0	0.0	162.0	
9 Thorat Luakat	29	10	3	2	11	1	1	1	32	90.6	31.3	9.4	6.3	34.4	3.1	3.1	3.1	181.3	
Sub-Total (Northern Payam)	216	59	45	9	50	19	12	1	263	82.1	22.4	17.1	3.4	19.0	7.2	4.6	0.4	156.3	
1 Ray El Maseri	33	18	8	1	9	0	1	0	38	86.8	47.4	21.1	2.6	23.7	0.0	2.6	0.0	184.2	
2 Jallaba	30	11	10	0	13	2	2	0	37	81.1	29.7	27.0	0.0	35.1	5.4	5.4	0.0	183.8	
3 Muderia	47	6	13	0	11	5	3	1	53	88.7	11.3	24.5	0.0	20.8	9.4	5.7	1.9	162.3	
Sub-Total (Central Payam)	110	35	31	1	33	7	6	1	128	85.9	27.3	24.2	0.8	25.8	5.5	4.7	0.8	175.0	
1 Assossa	45	13	5	0	13	3	4	4	53	84.9	24.5	9.4	0.0	24.5	5.7	7.5	7.5	164.2	
2 Bum	32	5	13	0	11	6	6	0	35	91.4	14.3	37.1	0.0	31.4	17.1	17.1	0.0	208.6	
3 Goni	17	10	0	1	9	1	5	0	23	73.9	43.5	0.0	4.3	39.1	4.3	21.7	0.0	187.0	
4 Dengershufu	74	16	30	1	24	11	11	0	86	86.0	18.6	34.9	1.2	27.9	12.8	12.8	0.0	194.2	
5 Terawa	31	5	4	0	2	4	3	0	38	81.6	13.2	10.5	0.0	5.3	10.5	7.9	0.0	128.9	
Sub-Total (Southern Payam)	199	49	52	2	59	25	29	4	235	84.7	20.9	22.1	0.9	25.1	10.6	12.3	1.7	178.3	
1 Thorat Jallaba	17	4	2	0	3	0	0	0	18	94.4	22.2	11.1	0.0	16.7	0.0	0.0	0.0	144.4	
2 Entidad Jallaba	16	7	2	0	6	0	0	1	18	88.9	38.9	11.1	0.0	33.3	0.0	0.0	5.6	177.8	
3 Biathin	21	16	1	4	9	1	2	0	25	84.0	64.0	4.0	16.0	36.0	4.0	8.0	0.0	216.0	
4 Hai Saha	22	12	0	1	2	1	0	0	25	88.0	48.0	0.0	4.0	8.0	4.0	0.0	0.0	152.0	
5 Hai Television	55	11	22	0	24	5	6	2	64	85.9	17.2	34.4	0.0	37.5	7.8	9.4	3.1	195.3	
6 Eastern Block of Ring Road	15	4	1	0	1	0	0	0	16	93.8	25.0	6.3	0.0	6.3	0.0	0.0	0.0	131.3	
Sub-Total (Eastern Payam)	146	54	28	5	45	7	8	3	166	88.0	32.5	16.9	3.0	27.1	4.2	4.8	1.8	178.3	
Total	671	197	156	17	187	58	55	9	792	84.7	24.9	19.7	2.1	23.6	7.3	6.9	1.1	170.5	

46. Road Condition

	Boma/Block	In Number											In %											No. of Total Answer/ No. of Respondents
		Paved Good Road	Paved	Unpaved Road with Bumps	Dusty and Unpaved	Road with Wide Ditch	Road with Narrow Ditch	No Ditch	Muddy during Rain	Flooded during Rain	Other	No. of Respondents	Paved Good Road	Paved	Unpaved Road with Bumps	Dusty and Unpaved	Road with Wide Ditch	Road with Narrow Ditch	No Ditch	Muddy during Rain	Flooded during Rain	Other		
1	Hai El Matar	2	7	17	19	0	7	6	27	26	0	55	3.6	12.7	30.9	34.5	0.0	12.7	10.9	49.1	47.3	0.0	201.8	
2	Hai El Shatti	14	9	10	8	4	2	7	9	9	0	27	51.9	33.3	37.0	29.6	14.8	7.4	25.9	33.3	33.3	0.0	266.7	
3	El Bethery	0	2	1	5	0	0	0	0	0	9	14	0.0	14.3	7.1	35.7	0.0	0.0	0.0	0.0	0.0	64.3	121.4	
4	Hai Zande	0	1	9	24	6	10	9	20	15	0	25	0.0	4.0	36.0	96.0	24.0	40.0	36.0	80.0	60.0	0.0	376.0	
5	Hai Shulluk	2	1	3	1	2	0	2	1	2	6	15	13.3	6.7	20.0	6.7	13.3	0.0	13.3	6.7	13.3	40.0	133.3	
6	Hai Nuba	0	1	10	12	1	0	1	3	3	7	20	0.0	5.0	50.0	60.0	5.0	0.0	5.0	15.0	15.0	35.0	190.0	
7	Hai Dinka	1	1	0	5	0	2	2	4	4	6	17	5.9	5.9	0.0	29.4	0.0	11.8	11.8	23.5	23.5	35.3	147.1	
8	Thorat Malakia	2	8	16	23	1	3	8	29	27	1	49	4.1	16.3	32.7	46.9	2.0	6.1	16.3	59.2	55.1	2.0	240.8	
9	Thorat Luakat	3	7	5	15	0	3	4	25	23	0	33	9.1	21.2	15.2	45.5	0.0	9.1	12.1	75.8	69.7	0.0	257.6	
	Sub-Total (Northern Payam)	24	37	71	112	14	27	39	118	109	29	255	9.4	14.5	27.8	43.9	5.5	10.6	15.3	46.3	42.7	11.4	227.5	
1	Ray El Maseri	0	7	13	25	1	1	7	24	16	0	41	0.0	17.1	31.7	61.0	2.4	2.4	17.1	58.5	39.0	0.0	229.3	
2	Jallaba	0	5	18	15	0	4	4	24	24	0	37	0.0	13.5	48.6	40.5	0.0	10.8	10.8	64.9	64.9	0.0	254.1	
3	Muderia	4	11	6	21	1	5	6	25	28	1	54	7.4	20.4	11.1	38.9	1.9	9.3	11.1	46.3	51.9	1.9	200.0	
	Sub-Total (Central Payam)	4	23	37	61	2	10	17	73	68	1	132	3.0	17.4	28.0	46.2	1.5	7.6	12.9	55.3	51.5	0.8	224.2	
1	Assossa	9	1	32	33	1	8	9	42	34	0	55	16.4	1.8	58.2	60.0	1.8	14.5	16.4	76.4	61.8	0.0	307.3	
2	Bum	0	5	6	17	0	6	4	21	24	0	35	0.0	14.3	17.1	48.6	0.0	17.1	11.4	60.0	68.6	0.0	237.1	
3	Goni	2	0	9	19	2	0	2	15	10	1	25	8.0	0.0	36.0	76.0	8.0	0.0	8.0	60.0	40.0	4.0	240.0	
4	Dengershufu	1	11	20	39	0	10	10	58	66	1	86	1.2	12.8	23.3	45.3	0.0	11.6	11.6	67.4	76.7	1.2	251.2	
5	Terawa	2	2	17	22	0	6	6	22	18	0	38	5.3	5.3	44.7	57.9	0.0	15.8	15.8	57.9	47.4	0.0	250.0	
	Sub-Total (Southern Payam)	14	19	84	130	3	30	31	158	152	2	239	5.9	7.9	35.1	54.4	1.3	12.6	13.0	66.1	63.6	0.8	260.7	
1	Thorat Jallaba	0	0	3	3	0	0	2	2	2	5	10	0.0	0.0	30.0	30.0	0.0	0.0	20.0	20.0	20.0	50.0	170.0	
2	Entidad Jallaba	1	1	6	4	0	1	3	7	6	7	19	5.3	5.3	31.6	21.1	0.0	5.3	15.8	36.8	31.6	36.8	189.5	
3	Biathin	1	2	12	22	2	7	10	13	8	1	25	4.0	8.0	48.0	88.0	8.0	28.0	40.0	52.0	32.0	4.0	312.0	
4	Hai Saha	1	6	7	5	4	5	6	10	5	0	24	4.2	25.0	29.2	20.8	16.7	20.8	25.0	41.7	20.8	0.0	204.2	
5	Hai Television	5	8	23	28	2	9	13	40	45	0	65	7.7	12.3	35.4	43.1	3.1	13.8	20.0	61.5	69.2	0.0	266.2	
6	Eastern Block of Ring Road	0	0	2	5	0	0	1	0	1	7	10	0.0	0.0	20.0	50.0	0.0	0.0	10.0	0.0	10.0	70.0	160.0	
	Sub-Total (Eastern Payam)	8	17	53	67	8	22	35	72	67	20	153	5.2	11.1	34.6	43.8	5.2	14.4	22.9	47.1	43.8	13.1	241.2	
	Total	50	96	245	370	27	89	122	421	396	52	779	6.4	12.3	31.5	47.5	3.5	11.4	15.7	54.0	50.8	6.7	239.8	

48. Level of Satisfaction with Road and Transportation															
Boma/Block		In Number					In %						Summary (%)		
		Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Satisfied +Satisfied	Very Dissatisfied +Dissatisfied
1	Hai El Matar	5	1	18	14	10	48	10.4	2.1	37.5	29.2	20.8	100.0	12.5	50.0
2	Hai El Shatti	3	3	7	10	12	35	8.6	8.6	20.0	28.6	34.3	100.0	17.1	62.9
3	El Bethery	0	4	4	8	7	23	0.0	17.4	17.4	34.8	30.4	100.0	17.4	65.2
4	Hai Zande	0	0	0	15	10	25	0.0	0.0	0.0	60.0	40.0	100.0	0.0	100.0
5	Hai Shulluk	0	1	1	12	11	25	0.0	4.0	4.0	48.0	44.0	100.0	4.0	92.0
6	Hai Nuba	0	1	7	12	3	23	0.0	4.3	30.4	52.2	13.0	100.0	4.3	65.2
7	Hai Dinka	2	2	13	10	3	30	6.7	6.7	43.3	33.3	10.0	100.0	13.3	43.3
8	Thorat Malakia	0	0	19	17	12	48	0.0	0.0	39.6	35.4	25.0	100.0	0.0	60.4
9	Thorat Luakat	0	0	5	15	11	31	0.0	0.0	16.1	48.4	35.5	100.0	0.0	83.9
Sub-Total (Northern Payam)		10	12	74	113	79	288	3.5	4.2	25.7	39.2	27.4	100.0	7.6	66.7
1	Ray El Maseri	0	4	18	10	7	39	0.0	10.3	46.2	25.6	17.9	100.0	10.3	43.6
2	Jallaba	0	1	14	7	10	32	0.0	3.1	43.8	21.9	31.3	100.0	3.1	53.1
3	Muderia	0	7	22	13	7	49	0.0	14.3	44.9	26.5	14.3	100.0	14.3	40.8
Sub-Total (Central Payam)		0	12	54	30	24	120	0.0	10.0	45.0	25.0	20.0	100.0	10.0	45.0
1	Assossa	0	6	8	25	10	49	0.0	12.2	16.3	51.0	20.4	100.0	12.2	71.4
2	Bum	0	0	16	12	4	32	0.0	0.0	50.0	37.5	12.5	100.0	0.0	50.0
3	Goni	0	2	5	8	9	24	0.0	8.3	20.8	33.3	37.5	100.0	8.3	70.8
4	Dengershufu	1	0	30	27	20	78	1.3	0.0	38.5	34.6	25.6	100.0	1.3	60.3
5	Terawa	3	0	14	10	7	34	8.8	0.0	41.2	29.4	20.6	100.0	8.8	50.0
Sub-Total (Southern Payam)		4	8	73	82	50	217	1.8	3.7	33.6	37.8	23.0	100.0	5.5	60.8
1	Thorat Jallaba	1	2	5	11	7	26	3.8	7.7	19.2	42.3	26.9	100.0	11.5	69.2
2	Emtidad Jallaba	0	4	10	5	15	34	0.0	11.8	29.4	14.7	44.1	100.0	11.8	58.8
3	Biathin	0	0	0	16	9	25	0.0	0.0	0.0	64.0	36.0	100.0	0.0	100.0
4	Hai Saha	2	1	4	14	2	23	8.7	4.3	17.4	60.9	8.7	100.0	13.0	69.6
5	Hai Television	0	2	22	21	12	57	0.0	3.5	38.6	36.8	21.1	100.0	3.5	57.9
6	Eastern Block of Ring Road	0	0	0	12	7	19	0.0	0.0	0.0	63.2	36.8	100.0	0.0	100.0
Sub-Total (Eastern Payam)		3	9	41	79	52	184	1.6	4.9	22.3	42.9	28.3	100.0	6.5	71.2
Total		17	41	242	304	205	809	2.1	5.1	29.9	37.6	25.3	100.0	7.2	62.9

49. Problems with Road

Boma/Block	In Number								In %								No. of Total Answer/ No. of Respondents
	Very Dusty	Not Adequate for Transportation	Not Adequate for Walking	Many Holes and Potholes	Flooded during Rain	Dirty with Garbage	Other	No. of Respondents	Very Dusty	Not Adequate for Transportation	Not Adequate for Walking	Many Holes and Potholes	Flooded during Rain	Dirty with Garbage	Other		
1 Hai El Matar	16	29	9	8	38	15	0	55	29.1	52.7	16.4	14.5	69.1	27.3	0.0	209.1	
2 Hai El Shatti	20	8	1	20	28	1	0	37	54.1	21.6	2.7	54.1	75.7	2.7	0.0	210.8	
3 El Bethery	16	1	0	17	14	18	0	25	64.0	4.0	0.0	68.0	56.0	72.0	0.0	264.0	
4 Hai Zande	25	11	11	23	22	22	1	25	100.0	44.0	44.0	92.0	88.0	88.0	4.0	460.0	
5 Hai Shulluk	21	5	1	14	17	15	0	27	77.8	18.5	3.7	51.9	63.0	55.6	0.0	270.4	
6 Hai Nuba	21	1	0	17	19	19	0	25	84.0	4.0	0.0	68.0	76.0	76.0	0.0	308.0	
7 Hai Dinka	14	5	0	17	17	18	0	31	45.2	16.1	0.0	54.8	54.8	58.1	0.0	229.0	
8 Thorat Malakia	29	15	4	21	43	26	0	53	54.7	28.3	7.5	39.6	81.1	49.1	0.0	260.4	
9 Thorat Luakat	23	8	6	11	31	12	0	33	69.7	24.2	18.2	33.3	93.9	36.4	0.0	275.8	
Sub-Total (Northern Payam)	185	83	32	148	229	146	1	311	59.5	26.7	10.3	47.6	73.6	46.9	0.3	265.0	
1 Ray El Maseri	24	8	9	23	27	7	2	41	58.5	19.5	22.0	56.1	65.9	17.1	4.9	239.0	
2 Jallaba	7	16	7	12	35	10	0	37	18.9	43.2	18.9	32.4	94.6	27.0	0.0	235.1	
3 Muderia	14	17	3	7	37	11	1	54	25.9	31.5	5.6	13.0	68.5	20.4	1.9	164.8	
Sub-Total (Central Payam)	45	41	19	42	99	28	3	132	34.1	31.1	14.4	31.8	75.0	21.2	2.3	209.8	
1 Assossa	39	19	12	28	39	13	0	53	73.6	35.8	22.6	52.8	73.6	24.5	0.0	283.0	
2 Bum	7	15	0	4	35	9	0	35	20.0	42.9	0.0	11.4	100.0	25.7	0.0	200.0	
3 Goni	23	2	2	16	12	11	0	25	92.0	8.0	8.0	64.0	48.0	44.0	0.0	264.0	
4 Dengershufu	31	28	2	22	83	33	1	86	36.0	32.6	2.3	25.6	96.5	38.4	1.2	232.6	
5 Terawa	20	13	15	8	24	15	0	38	52.6	34.2	39.5	21.1	63.2	39.5	0.0	250.0	
Sub-Total (Southern Payam)	120	77	31	78	193	81	1	237	50.6	32.5	13.1	32.9	81.4	34.2	0.4	245.1	
1 Thorat Jallaba	20	0	0	14	20	14	0	28	71.4	0.0	0.0	50.0	71.4	50.0	0.0	242.9	
2 Entidad Jallaba	26	1	2	18	23	18	0	35	74.3	2.9	5.7	51.4	65.7	51.4	0.0	251.4	
3 Biathin	23	9	10	18	21	19	0	24	95.8	37.5	41.7	75.0	87.5	79.2	0.0	416.7	
4 Hai Saha	11	6	8	2	8	5	2	24	45.8	25.0	33.3	8.3	33.3	20.8	8.3	175.0	
5 Hai Television	24	25	5	19	58	21	0	64	37.5	39.1	7.8	29.7	90.6	32.8	0.0	237.5	
6 Eastern Block of Ring Road	19	0	0	17	13	9	0	24	79.2	0.0	0.0	70.8	54.2	37.5	0.0	241.7	
Sub-Total (Eastern Payam)	123	41	25	88	143	86	2	199	61.8	20.6	12.6	44.2	71.9	43.2	1.0	255.3	
Total	473	242	107	356	664	341	7	879	53.8	27.5	12.2	40.5	75.5	38.8	0.8	249.1	

50. Problems with Transportation

	Boma/Block	In Number						In %						No. of Answers / No. of Respondents	
		High Cost	Congestion of Public Transportation	Insufficient Public Transportation	Lack of Frequency	Inadequate/Dangerous	Other	No. of Respondents	High Cost	Congestion of Public Transportation	Insufficient Public Transportation	Lack of Frequency	Inadequate/Dangerous		Other
1	Hai El Matar	40	3	1	8	4	0	44	90.9	6.8	2.3	18.2	9.1	0.0	127.3
2	Hai El Shatti	11	1	3	2	3	0	12	91.7	8.3	25.0	16.7	25.0	0.0	166.7
3	El Bethery	2	2	0	0	0	0	3	66.7	66.7	0.0	0.0	0.0	0.0	133.3
4	Hai Zande	21	7	6	1	6	0	23	91.3	30.4	26.1	4.3	26.1	0.0	178.3
5	Hai Shulluk	3	0	0	0	0	0	3	100.0	0.0	0.0	0.0	0.0	0.0	100.0
6	Hai Nuba	5	0	0	0	0	0	5	100.0	0.0	0.0	0.0	0.0	0.0	100.0
7	Hai Dinka	6	2	0	2	2	0	6	100.0	33.3	0.0	33.3	33.3	0.0	200.0
8	Thorat Malakia	27	4	2	6	4	0	29	93.1	13.8	6.9	20.7	13.8	0.0	148.3
9	Thorat Luakat	26	2	4	4	15	0	26	100.0	7.7	15.4	15.4	57.7	0.0	196.2
	Sub-Total (Northern Payam)	141	21	16	23	34	0	235	60.0	8.9	6.8	9.8	14.5	0.0	100.0
1	Ray El Maseri	28	8	6	9	7	0	39	71.8	20.5	15.4	23.1	17.9	0.0	148.7
2	Jallaba	28	3	5	4	7	0	30	93.3	10.0	16.7	13.3	23.3	0.0	156.7
3	Muderia	45	3	3	8	7	0	48	93.8	6.3	6.3	16.7	14.6	0.0	137.5
	Sub-Total (Central Payam)	101	14	14	21	21	0	171	59.1	8.2	8.2	12.3	12.3	0.0	100.0
1	Assossa	39	7	9	7	5	0	43	90.7	16.3	20.9	16.3	11.6	0.0	155.8
2	Bum	28	7	1	4	5	0	29	96.6	24.1	3.4	13.8	17.2	0.0	155.2
3	Goni	21	10	1	2	10	1	22	95.5	45.5	4.5	9.1	45.5	4.5	204.5
4	Dengershufu	68	11	10	11	11	0	72	94.4	15.3	13.9	15.3	15.3	0.0	154.2
5	Terawa	32	6	3	7	4	0	34	94.1	17.6	8.8	20.6	11.8	0.0	152.9
	Sub-Total (Southern Payam)	188	41	24	31	35	1	320	58.8	12.8	7.5	9.7	10.9	0.3	100.0
1	Thorat Jallaba	2	2	2	2	0	0	2	100.0	100.0	100.0	100.0	0.0	0.0	400.0
2	Emtidad Jallaba	6	3	2	1	2	0	8	75.0	37.5	25.0	12.5	25.0	0.0	175.0
3	Biathin	16	8	5	1	6	0	23	69.6	34.8	21.7	4.3	26.1	0.0	156.5
4	Hai Saha	16	4	4	1	0	0	18	88.9	22.2	22.2	5.6	0.0	0.0	138.9
5	Hai Television	55	10	7	11	9	0	57	96.5	17.5	12.3	19.3	15.8	0.0	161.4
6	Eastern Block of Ring Road	0	0	0	0	0	0	0							
	Sub-Total (Eastern Payam)	95	27	20	16	17	0	175	54.3	15.4	11.4	9.1	9.7	0.0	100.0
	Total	525	103	74	91	107	1	901	58.3	11.4	8.2	10.1	11.9	0.1	100.0

52. Level of Satisfaction with Energy

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Satisfied +Satisfied	Very Dissatisfied +Dissatisfied
1 Hai El Matar	0	4	15	9	11	39	0.0	10.3	38.5	23.1	28.2	100.0	10.3	51.3
2 Hai El Shatti	1	2	6	4	6	19	5.3	10.5	31.6	21.1	31.6	100.0	15.8	52.6
3 El Bethery	1	2	3	5	4	15	6.7	13.3	20.0	33.3	26.7	100.0	20.0	60.0
4 Hai Zande	1	1	2	10	8	22	4.5	4.5	9.1	45.5	36.4	100.0	9.1	81.8
5 Hai Shulluk	0	0	0	5	17	22	0.0	0.0	0.0	22.7	77.3	100.0	0.0	100.0
6 Hai Nuba	0	2	2	12	5	21	0.0	9.5	9.5	57.1	23.8	100.0	9.5	81.0
7 Hai Dinka	0	4	4	9	4	21	0.0	19.0	19.0	42.9	19.0	100.0	19.0	61.9
8 Thorat Malakia	0	3	11	14	12	40	0.0	7.5	27.5	35.0	30.0	100.0	7.5	65.0
9 Thorat Luakat	0	1	5	8	12	26	0.0	3.8	19.2	30.8	46.2	100.0	3.8	76.9
Sub-Total (Northern Payam)	3	19	48	76	79	225	1.3	8.4	21.3	33.8	35.1	100.0	9.8	68.9
1 Ray El Maseri	1	5	14	10	5	35	2.9	14.3	40.0	28.6	14.3	100.0	17.1	42.9
2 Jallaba	0	4	9	4	7	24	0.0	16.7	37.5	16.7	29.2	100.0	16.7	45.8
3 Muderia	0	6	13	4	9	32	0.0	18.8	40.6	12.5	28.1	100.0	18.8	40.6
Sub-Total (Central Payam)	1	15	36	18	21	91	1.1	16.5	39.6	19.8	23.1	100.0	17.6	42.9
1 Assossa	2	9	9	11	7	38	5.3	23.7	23.7	28.9	18.4	100.0	28.9	47.4
2 Bum	0	6	10	0	7	23	0.0	26.1	43.5	0.0	30.4	100.0	26.1	30.4
3 Goni	0	0	2	9	11	22	0.0	0.0	9.1	40.9	50.0	100.0	0.0	90.9
4 Dengershufu	2	9	19	2	25	57	3.5	15.8	33.3	3.5	43.9	100.0	19.3	47.4
5 Terawa	1	3	6	6	17	33	3.0	9.1	18.2	18.2	51.5	100.0	12.1	69.7
Sub-Total (Southern Payam)	5	27	46	28	67	173	2.9	15.6	26.6	16.2	38.7	100.0	18.5	54.9
1 Thorat Jallaba	1	0	6	4	11	22	4.5	0.0	27.3	18.2	50.0	100.0	4.5	68.2
2 Emtidad Jallaba	0	4	12	5	8	29	0.0	13.8	41.4	17.2	27.6	100.0	13.8	44.8
3 Biathin	0	3	8	5	7	23	0.0	13.0	34.8	21.7	30.4	100.0	13.0	52.2
4 Hai Saha	0	1	5	7	3	16	0.0	6.3	31.3	43.8	18.8	100.0	6.3	62.5
5 Hai Television	1	8	19	5	18	51	2.0	15.7	37.3	9.8	35.3	100.0	17.6	45.1
6 Eastern Block of Ring Road	0	0	0	14	9	23	0.0	0.0	0.0	60.9	39.1	100.0	0.0	100.0
Sub-Total (Eastern Payam)	2	16	50	40	56	164	1.2	9.8	30.5	24.4	34.1	100.0	11.0	58.5
Total	11	77	180	162	223	653	1.7	11.8	27.6	24.8	34.2	100.0	13.5	59.0

53. Problem with Energy

	Boma/Block	In Number					In %						
		High Energy Cost for Livelihood	Unstability of Energy Source	Unavailability of Electricity	High Electricity Supply Service Fee for Livelihood	Others	Total	High Energy Cost for Livelihood	Unstability of Energy Source	Unavailability of Electricity	High Electricity Supply Service Fee for Livelihood	Others	Total
1	Hai El Matar	31	17	8	10	0	47	66.0	36.2	17.0	21.3	0.0	140.4
2	Hai El Shatti	11	3	5	4	0	17	64.7	17.6	29.4	23.5	0.0	135.3
3	El Bethery	4	8	3	2	0	14	28.6	57.1	21.4	14.3	0.0	121.4
4	Hai Zande	14	10	14	4	0	24	58.3	41.7	58.3	16.7	0.0	175.0
5	Hai Shulluk	6	4	3	0	0	12	50.0	33.3	25.0	0.0	0.0	108.3
6	Hai Nuba	11	8	4	1	0	16	68.8	50.0	25.0	6.3	0.0	150.0
7	Hai Dinka	16	5	2	2	0	18	88.9	27.8	11.1	11.1	0.0	138.9
8	Thorat Malakia	31	17	9	9	0	46	67.4	37.0	19.6	19.6	0.0	143.5
9	Thorat Luakat	25	21	1	4	0	29	86.2	72.4	3.4	13.8	0.0	175.9
Sub-Total (Northern Payam)		149	93	49	36	0	223	66.8	41.7	22.0	16.1	0.0	146.6
1	Ray El Maseri	30	17	7	15	0	35	85.7	48.6	20.0	42.9	0.0	197.1
2	Jallaba	23	18	4	9	0	32	71.9	56.3	12.5	28.1	0.0	168.8
3	Muderia	26	10	8	7	0	43	60.5	23.3	18.6	16.3	0.0	118.6
Sub-Total (Central Payam)		79	45	19	31	0	110	71.8	40.9	17.3	28.2	0.0	158.2
1	Assossa	23	29	21	7	1	47	48.9	61.7	44.7	14.9	2.1	172.3
2	Bum	24	10	3	11	0	37	64.9	27.0	8.1	29.7	0.0	129.7
3	Goni	5	14	9	4	0	22	22.7	63.6	40.9	18.2	0.0	145.5
4	Dengershufu	57	28	18	20	0	71	80.3	39.4	25.4	28.2	0.0	173.2
5	Terawa	13	14	11	7	0	33	39.4	42.4	33.3	21.2	0.0	136.4
Sub-Total (Southern Payam)		122	95	62	49	1	210	58.1	45.2	29.5	23.3	0.5	156.7
1	Thorat Jallaba	11	4	0	0	0	12	91.7	33.3	0.0	0.0	0.0	125.0
2	Emidad Jallaba	16	6	0	2	0	18	88.9	33.3	0.0	11.1	0.0	133.3
3	Biathin	12	8	11	2	0	20	60.0	40.0	55.0	10.0	0.0	165.0
4	Hai Saha	20	9	1	0	0	23	87.0	39.1	4.3	0.0	0.0	130.4
5	Hai Television	45	30	16	16	2	60	75.0	50.0	26.7	26.7	3.3	181.7
6	Eastern Block of Ring Road	6	1	2	0	0	8	75.0	12.5	25.0	0.0	0.0	112.5
Sub-Total (Eastern Payam)		110	58	30	20	2	141	78.0	41.1	21.3	14.2	1.4	156.0
Total		460	291	160	136	3	684	67.3	42.5	23.4	19.9	0.4	153.5

59. Expenditure on Water a Month

	Boma/Block	In Number						In %							
		No Money Spent	Up to 20 SSP /Month	Up to 30 SSP /Month	Up to 40 SSP /Month	Up to 50 SSP /Month	More than 50 SSP /Month	Total	No Money Spent	Up to 20 SSP /Month	Up to 30 SSP /Month	Up to 40 SSP /Month	Up to 50 SSP /Month	More than 50 SSP /Month	Total
1	Hai El Matar	9	6	2	5	10	14	46	19.6	13.0	4.3	10.9	21.7	30.4	100.0
2	Hai El Shatti	5	1	4	3	5	17	35	14.3	2.9	11.4	8.6	14.3	48.6	100.0
3	El Bethery	7	1	0	3	3	8	22	31.8	4.5	0.0	13.6	13.6	36.4	100.0
4	Hai Zande	6	0	4	0	1	10	21	28.6	0.0	19.0	0.0	4.8	47.6	100.0
5	Hai Shulluk	7	0	2	2	3	13	27	25.9	0.0	7.4	7.4	11.1	48.1	100.0
6	Hai Nuba	4	0	5	6	1	8	24	16.7	0.0	20.8	25.0	4.2	33.3	100.0
7	Hai Dinka	5	3	4	3	2	10	27	18.5	11.1	14.8	11.1	7.4	37.0	100.0
8	Thorat Malakia	6	4	5	5	10	17	47	12.8	8.5	10.6	10.6	21.3	36.2	100.0
9	Thorat Luakat	2	5	2	3	2	18	32	6.3	15.6	6.3	9.4	6.3	56.3	100.0
	Sub-Total (Northern Payam)	51	20	28	30	37	115	281	18.1	7.1	10.0	10.7	13.2	40.9	100.0
1	Ray El Maseri	12	0	2	1	6	15	36	33.3	0.0	5.6	2.8	16.7	41.7	100.0
2	Jallaba	4	6	2	6	6	8	32	12.5	18.8	6.3	18.8	18.8	25.0	100.0
3	Muderia	10	4	4	5	9	16	48	20.8	8.3	8.3	10.4	18.8	33.3	100.0
	Sub-Total (Central Payam)	26	10	8	12	21	39	116	22.4	8.6	6.9	10.3	18.1	33.6	100.0
1	Assossa	4	12	2	2	5	24	49	8.2	24.5	4.1	4.1	10.2	49.0	100.0
2	Bum	5	6	0	6	8	5	30	16.7	20.0	0.0	20.0	26.7	16.7	100.0
3	Goni	8	1	1	3	1	11	25	32.0	4.0	4.0	12.0	4.0	44.0	100.0
4	Dengershufu	17	13	1	9	18	14	72	23.6	18.1	1.4	12.5	25.0	19.4	100.0
5	Terawa	3	4	0	6	4	13	30	10.0	13.3	0.0	20.0	13.3	43.3	100.0
	Sub-Total (Southern Payam)	37	36	4	26	36	67	206	18.0	17.5	1.9	12.6	17.5	32.5	100.0
1	Thorat Jallaba	2	3	5	2	4	12	28	7.1	10.7	17.9	7.1	14.3	42.9	100.0
2	Emtidad Jallaba	2	4	4	1	4	20	35	5.7	11.4	11.4	2.9	11.4	57.1	100.0
3	Biathin	2	1	0	1	0	18	22	9.1	4.5	0.0	4.5	0.0	81.8	100.0
4	Hai Saha	4	1	3	1	3	11	23	17.4	4.3	13.0	4.3	13.0	47.8	100.0
5	Hai Television	12	7	1	6	14	15	55	21.8	12.7	1.8	10.9	25.5	27.3	100.0
6	Eastern Block of Ring Road	1	0	1	1	1	21	25	4.0	0.0	4.0	4.0	4.0	84.0	100.0
	Sub-Total (Eastern Payam)	23	16	14	12	26	97	188	12.2	8.5	7.4	6.4	13.8	51.6	100.0
	Total	137	82	54	80	120	318	791	17.3	10.4	6.8	10.1	15.2	40.2	100.0

In Eastern Payam, people spend more for obtaining water a month.

60. Level of Satisfaction with Water

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Satisfied +Satisfied	Very Dissatisfied +Dissatisfied
1 Hai El Matar	0	9	18	12	7	46	0.0	19.6	39.1	26.1	15.2	100.0	19.6	41.3
2 Hai El Shatti	1	3	12	8	7	31	3.2	9.7	38.7	25.8	22.6	100.0	12.9	48.4
3 El Bethery	0	5	6	4	2	17	0.0	29.4	35.3	23.5	11.8	100.0	29.4	35.3
4 Hai Zande	0	3	2	7	11	23	0.0	13.0	8.7	30.4	47.8	100.0	13.0	78.3
5 Hai Shulluk	0	3	2	7	11	23	0.0	13.0	8.7	30.4	47.8	100.0	13.0	78.3
6 Hai Nuba	0	1	1	5	3	10	0.0	10.0	10.0	50.0	30.0	100.0	10.0	80.0
7 Hai Dinka	1	7	3	10	3	24	4.2	29.2	12.5	41.7	12.5	100.0	33.3	54.2
8 Thorat Malakia	0	4	12	12	11	39	0.0	10.3	30.8	30.8	28.2	100.0	10.3	59.0
9 Thorat Luakat	1	4	6	11	8	30	3.3	13.3	20.0	36.7	26.7	100.0	16.7	63.3
Sub-Total (Northern Payam)	3	39	62	76	63	243	1.2	16.0	25.5	31.3	25.9	100.0	17.3	57.2
1 Ray El Maseri	2	4	18	9	7	40	5.0	10.0	45.0	22.5	17.5	100.0	15.0	40.0
2 Jallaba	0	3	12	7	6	28	0.0	10.7	42.9	25.0	21.4	100.0	10.7	46.4
3 Muderia	3	12	15	11	8	49	6.1	24.5	30.6	22.4	16.3	100.0	30.6	38.8
Sub-Total (Central Payam)	5	19	45	27	21	117	4.3	16.2	38.5	23.1	17.9	100.0	20.5	41.0
1 Assossa	4	2	14	18	7	45	8.9	4.4	31.1	40.0	15.6	100.0	13.3	55.6
2 Bum	0	12	10	4	5	31	0.0	38.7	32.3	12.9	16.1	100.0	38.7	29.0
3 Goni	0	0	9	5	11	25	0.0	0.0	36.0	20.0	44.0	100.0	0.0	64.0
4 Dengershufu	1	20	19	15	21	76	1.3	26.3	25.0	19.7	27.6	100.0	27.6	47.4
5 Terawa	0	7	11	5	12	35	0.0	20.0	31.4	14.3	34.3	100.0	20.0	48.6
Sub-Total (Southern Payam)	5	41	63	47	56	212	2.4	19.3	29.7	22.2	26.4	100.0	21.7	48.6
1 Thorat Jallaba	1	4	10	7	6	28	3.6	14.3	35.7	25.0	21.4	100.0	17.9	46.4
2 Emtidad Jallaba	1	3	13	4	11	32	3.1	9.4	40.6	12.5	34.4	100.0	12.5	46.9
3 Biathin	0	0	0	10	13	23	0.0	0.0	0.0	43.5	56.5	100.0	0.0	100.0
4 Hai Saha	0	1	5	9	8	23	0.0	4.3	21.7	39.1	34.8	100.0	4.3	73.9
5 Hai Television	3	6	23	15	8	55	5.5	10.9	41.8	27.3	14.5	100.0	16.4	41.8
6 Eastern Block of Ring Road	0	0	0	13	12	25	0.0	0.0	0.0	52.0	48.0	100.0	0.0	100.0
Sub-Total (Eastern Payam)	5	14	51	58	58	186	2.7	7.5	27.4	31.2	31.2	100.0	10.2	62.4
Total	18	113	221	208	198	758	2.4	14.9	29.2	27.4	26.1	100.0	17.3	53.6

Almost half of people are are dissatisfied with water.

People in Biathin and Eastern Block of Ring Road felt more dissatisfied with water. The results their perception are supported by the fact that more proportion of people spend high cost in the two Bomas.

61. Problems with Water

	Boma/Block	In Number										In %									
		Available of water is not clean enough for drinking and cooking.	The distance between house and water point is too far.	Available water volume is too little.	Water supply is unstable.	Water price is too much for livelihood.	The cost for water fetching is too much.	Time spent for water fetching is too much.	The work to fetch water is too hard for the family member.	Other	No. of Respond-end	Available of water is not clean enough for drinking and cooking.	The distance between house and water point is too far.	Available water volume is too little.	Water supply is unstable.	Water price is too much for livelihood.	The cost for water fetching is too much.	Time spent for water fetching is too much.	The work to fetch water is too hard for the family member.	Other	No. of Answers / No. of Respond-ents
1	Hai El Matar	38	24	5	19	27	6	12	2	0	53	71.7	45.3	9.4	35.8	50.9	11.3	22.6	3.8	0.0	250.9
2	Hai El Shatti	15	19	5	10	10	3	11	7	0	35	42.9	54.3	14.3	28.6	28.6	8.6	31.4	20.0	0.0	228.6
3	El Bethery	15	14	12	14	3	3	4	7	0	24	62.5	58.3	50.0	58.3	12.5	12.5	16.7	29.2	0.0	300.0
4	Hai Zande	12	15	5	12	10	5	10	10	0	25	48.0	60.0	20.0	48.0	40.0	20.0	40.0	40.0	0.0	316.0
5	Hai Shuluk	19	17	11	13	4	2	5	5	0	27	70.4	63.0	40.7	48.1	14.8	7.4	18.5	18.5	0.0	281.5
6	Hai Nuba	15	15	12	14	3	3	3	6	0	24	62.5	62.5	50.0	58.3	12.5	12.5	12.5	25.0	0.0	295.8
7	Hai Dinka	17	15	16	16	8	7	10	5	0	29	58.6	51.7	55.2	55.2	27.6	24.1	34.5	17.2	0.0	324.1
8	Thorat Malakia	36	27	18	26	22	12	9	6	0	53	67.9	50.9	34.0	49.1	41.5	22.6	17.0	11.3	0.0	294.3
9	Thorat Luakat	26	13	3	12	20	3	16	8	2	33	78.8	39.4	9.1	36.4	60.6	9.1	48.5	24.2	6.1	312.1
	Sub-Total (Northern Payam)	193	159	87	136	107	44	80	56	2	303	63.7	52.5	28.7	44.9	35.3	14.5	26.4	18.5	0.7	285.1
1	Ray El Maseri	25	13	8	19	15	9	17	13	1	36	69.4	36.1	22.2	52.8	41.7	25.0	47.2	36.1	2.8	333.3
2	Jallaba	23	17	5	19	18	4	15	6	0	37	62.2	45.9	13.5	51.4	48.6	10.8	40.5	16.2	0.0	289.2
3	Muderia	22	20	14	24	22	4	9	1	0	49	44.9	40.8	28.6	49.0	44.9	8.2	18.4	2.0	0.0	236.7
	Sub-Total (Central Payam)	70	50	27	62	55	17	41	20	1	122	57.4	41.0	22.1	50.8	45.1	13.9	33.6	16.4	0.8	281.1
1	Assossa	32	24	13	26	13	3	10	7	0	55	58.2	43.6	23.6	47.3	23.6	5.5	18.2	12.7	0.0	232.7
2	Bum	20	17	4	23	24	4	8	0	0	35	57.1	48.6	11.4	65.7	68.6	11.4	22.9	0.0	0.0	285.7
3	Goni	15	14	2	9	8	6	9	7	0	25	60.0	56.0	8.0	36.0	32.0	24.0	36.0	28.0	0.0	280.0
4	Dengershufu	55	49	11	48	51	18	27	7	0	85	64.7	57.6	12.9	56.5	60.0	21.2	31.8	8.2	0.0	312.9
5	Terawa	25	9	4	14	14	3	5	1	0	38	65.8	23.7	10.5	36.8	36.8	7.9	13.2	2.6	0.0	197.4
	Sub-Total (Southern Payam)	147	113	34	120	110	34	59	22	0	238	61.8	47.5	14.3	50.4	46.2	14.3	24.8	9.2	0.0	268.5
1	Thorat Jallaba	23	10	11	14	2	5	3	4	0	28	82.1	35.7	39.3	50.0	7.1	17.9	10.7	14.3	0.0	257.1
2	Enridad Jallaba	20	19	13	20	5	5	4	6	0	35	57.1	54.3	37.1	57.1	14.3	14.3	11.4	17.1	0.0	262.9
3	Biathin	10	14	3	13	14	12	10	5	0	25	40.0	56.0	12.0	52.0	56.0	48.0	40.0	20.0	0.0	324.0
4	Hai Saha	7	10	5	6	2	0	3	3	0	24	29.2	41.7	20.8	25.0	8.3	0.0	12.5	12.5	0.0	150.0
5	Hai Television	40	35	17	35	36	10	18	6	0	61	65.6	57.4	27.9	57.4	59.0	16.4	29.5	9.8	0.0	323.0
6	Eastern Block of Ring Road	19	13	9	15	2	2	2	5	0	25	76.0	52.0	36.0	60.0	8.0	8.0	8.0	20.0	0.0	268.0
	Sub-Total (Eastern Payam)	119	101	58	103	61	34	40	29	0	198	60.1	51.0	29.3	52.0	30.8	17.2	20.2	14.6	0.0	275.3
	Total	529	423	206	421	333	129	220	127	3	861	61.4	49.1	23.9	48.9	38.7	15.0	25.6	14.8	0.3	277.7

67. Service Level of Water in Any Case

Boma/Block		In Number				In %			
		Poor	Not Poor	Neither	Total				Total
1	Hai El Matar	4	8	4	16	25.0	50.0	25.0	100.0
2	Hai El Shatti	7	6	1	14	50.0	42.9	7.1	100.0
3	El Bethery	9	9	2	20	45.0	45.0	10.0	100.0
4	Hai Zande	5	1	1	7	71.4	14.3	14.3	100.0
5	Hai Shulluk	9	1	0	10	90.0	10.0	0.0	100.0
6	Hai Nuba	18	3	0	21	85.7	14.3	0.0	100.0
7	Hai Dinka	7	8	4	19	36.8	42.1	21.1	100.0
8	Thorat Malakia	22	3	3	28	78.6	10.7	10.7	100.0
9	Thorat Luakat	23	2	1	26	88.5	7.7	3.8	100.0
Sub-Total (Northern Payam)		104	41	16	161	64.6	25.5	9.9	100.0
1	Ray El Maseri	15	9	3	27	55.6	33.3	11.1	100.0
2	Jallaba	10	4	3	17	58.8	23.5	17.6	100.0
3	Muderia	14	11	7	32	43.8	34.4	21.9	100.0
Sub-Total (Central Payam)		39	24	13	76	51.3	31.6	17.1	100.0
1	Assossa	14	10	0	24	58.3	41.7	0.0	100.0
2	Bum	6	6	4	16	37.5	37.5	25.0	100.0
3	Goni	12	5	0	17	70.6	29.4	0.0	100.0
4	Dengershufu	15	10	12	37	40.5	27.0	32.4	100.0
5	Terawa	3	8	3	14	21.4	57.1	21.4	100.0
Sub-Total (Southern Payam)		50	39	19	108	46.3	36.1	17.6	100.0
1	Thorat Jallaba	3	9	0	12	25.0	75.0	0.0	100.0
2	Emtidad Jallaba	13	7	0	20	65.0	35.0	0.0	100.0
3	Biathin	4	0	0	4	100.0	0.0	0.0	100.0
4	Hai Saha	3	8	4	15	20.0	53.3	26.7	100.0
5	Hai Television	7	8	7	22	31.8	36.4	31.8	100.0
6	Eastern Block of Ring Road	15	0	0	15	100.0	0.0	0.0	100.0
Sub-Total (Eastern Payam)		45	32	11	88	51.1	36.4	12.5	100.0
Total		238	136	59	433	55.0	31.4	13.6	100.0

68. Level of Water Tariff in Any Case

Boma/Block	In Number						In %						Summary (%)	
	Very High	High	Acceptable	Cheap	Very Cheap	Total	Very High	High	Acceptable	Cheap	Very Cheap	Total	Very High +High	Very Cheap +Cheap
1 Hai El Matar	9	7	4	0	0	20	45.0	35.0	20.0	0.0	0.0	100.0	80.0	0.0
2 Hai El Shatti	1	10	6	0	0	17	5.9	58.8	35.3	0.0	0.0	100.0	64.7	0.0
3 El Bethery	1	13	0	2	0	16	6.3	81.3	0.0	12.5	0.0	100.0	87.5	12.5
4 Hai Zande	0	3	2	0	0	5	0.0	60.0	40.0	0.0	0.0	100.0	60.0	0.0
5 Hai Shulluk	2	5	2	1	1	11	18.2	45.5	18.2	9.1	9.1	100.0	63.6	18.2
6 Hai Nuba	1	4	6	0	0	11	9.1	36.4	54.5	0.0	0.0	100.0	45.5	0.0
7 Hai Dinka	2	11	6	2	0	21	9.5	52.4	28.6	9.5	0.0	100.0	61.9	9.5
8 Thorat Malakia	13	7	6	0	0	26	50.0	26.9	23.1	0.0	0.0	100.0	76.9	0.0
9 Thorat Luakat	18	3	2	2	2	27	66.7	11.1	7.4	7.4	7.4	100.0	77.8	14.8
Sub-Total (Northern Payam)	47	63	34	7	3	154	30.5	40.9	22.1	4.5	1.9	100.0	71.4	6.5
1 Ray El Maseri	7	9	4	1	2	23	30.4	39.1	17.4	4.3	8.7	100.0	69.6	13.0
2 Jallaba	8	4	8	0	0	20	40.0	20.0	40.0	0.0	0.0	100.0	60.0	0.0
3 Muderia	8	14	12	1	2	37	21.6	37.8	32.4	2.7	5.4	100.0	59.5	8.1
Sub-Total (Central Payam)	23	27	24	2	4	80	28.8	33.8	30.0	2.5	5.0	100.0	62.5	7.5
1 Assossa	5	3	7	4	4	23	21.7	13.0	30.4	17.4	17.4	100.0	34.8	34.8
2 Bum	12	3	4	0	0	19	63.2	15.8	21.1	0.0	0.0	100.0	78.9	0.0
3 Goni	3	7	2	3	0	15	20.0	46.7	13.3	20.0	0.0	100.0	66.7	20.0
4 Dengershufu	28	9	10	0	0	47	59.6	19.1	21.3	0.0	0.0	100.0	78.7	0.0
5 Terawa	8	6	2	0	0	16	50.0	37.5	12.5	0.0	0.0	100.0	87.5	0.0
Sub-Total (Southern Payam)	56	28	25	7	4	120	46.7	23.3	20.8	5.8	3.3	100.0	70.0	9.2
1 Thorat Jallaba	5	4	3	0	0	12	41.7	33.3	25.0	0.0	0.0	100.0	75.0	0.0
2 Entidad Jallaba	6	9	6	0	0	21	28.6	42.9	28.6	0.0	0.0	100.0	71.4	0.0
3 Biathin	1	3	0	0	0	4	25.0	75.0	0.0	0.0	0.0	100.0	100.0	0.0
4 Hai Saha	1	7	5	3	0	16	6.3	43.8	31.3	18.8	0.0	100.0	50.0	18.8
5 Hai Television	6	6	11	2	2	27	22.2	22.2	40.7	7.4	7.4	100.0	44.4	14.8
6 Eastern Block of Ring Road	12	4	0	0	0	16	75.0	25.0	0.0	0.0	0.0	100.0	100.0	0.0
Sub-Total (Eastern Payam)	31	33	25	5	2	96	32.3	34.4	26.0	5.2	2.1	100.0	66.7	7.3
Total	157	151	108	21	13	450	34.9	33.6	24.0	4.7	2.9	100.0	68.4	7.6

71. Level of Satisfaction with Sanitation

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Satisfied +Satisfied	Very Dissatisfied +Dissatisfied
1 Hai El Matar	1	1	23	8	5	38	2.6	2.6	60.5	21.1	13.2	100.0	5.3	34.2
2 Hai El Shatti	1	2	13	6	6	28	3.6	7.1	46.4	21.4	21.4	100.0	10.7	42.9
3 El Bethery	0	1	6	2	5	14	0.0	7.1	42.9	14.3	35.7	100.0	7.1	50.0
4 Hai Zande	0	1	5	11	3	20	0.0	5.0	25.0	55.0	15.0	100.0	5.0	70.0
5 Hai Shulluk	0	1	5	1	0	7	0.0	14.3	71.4	14.3	0.0	100.0	14.3	14.3
6 Hai Nuba	0	1	3	15	2	21	0.0	4.8	14.3	71.4	9.5	100.0	4.8	81.0
7 Hai Dinka	0	3	5	12	1	21	0.0	14.3	23.8	57.1	4.8	100.0	14.3	61.9
8 Thorat Malakia	0	0	12	18	7	37	0.0	0.0	32.4	48.6	18.9	100.0	0.0	67.6
9 Thorat Luakat	0	1	6	12	5	24	0.0	4.2	25.0	50.0	20.8	100.0	4.2	70.8
Sub-Total (Northern Payam)	2	11	78	85	34	210	1.0	5.2	37.1	40.5	16.2	100.0	6.2	56.7
1 Ray El Maseri	3	2	17	10	7	39	7.7	5.1	43.6	25.6	17.9	100.0	12.8	43.6
2 Jallaba	0	3	10	8	2	23	0.0	13.0	43.5	34.8	8.7	100.0	13.0	43.5
3 Muderia	0	1	18	18	2	39	0.0	2.6	46.2	46.2	5.1	100.0	2.6	51.3
Sub-Total (Central Payam)	3	6	45	36	11	101	3.0	5.9	44.6	35.6	10.9	100.0	8.9	46.5
1 Assossa	3	6	6	13	9	37	8.1	16.2	16.2	35.1	24.3	100.0	24.3	59.5
2 Bum	0	0	13	9	0	22	0.0	0.0	59.1	40.9	0.0	100.0	0.0	40.9
3 Goni	1	0	6	6	11	24	4.2	0.0	25.0	25.0	45.8	100.0	4.2	70.8
4 Dengershufu	0	0	27	16	15	58	0.0	0.0	46.6	27.6	25.9	100.0	0.0	53.4
5 Terawa	0	4	5	8	8	25	0.0	16.0	20.0	32.0	32.0	100.0	16.0	64.0
Sub-Total (Southern Payam)	4	10	57	52	43	166	2.4	6.0	34.3	31.3	25.9	100.0	8.4	57.2
1 Thorat Jallaba	0	3	6	1	9	19	0.0	15.8	31.6	5.3	47.4	100.0	15.8	52.6
2 Emtidad Jallaba	0	3	10	8	8	29	0.0	10.3	34.5	27.6	27.6	100.0	10.3	55.2
3 Biathin	0	2	3	5	11	21	0.0	9.5	14.3	23.8	52.4	100.0	9.5	76.2
4 Hai Saha	0	1	4	6	7	18	0.0	5.6	22.2	33.3	38.9	100.0	5.6	72.2
5 Hai Television	1	2	25	13	4	45	2.2	4.4	55.6	28.9	8.9	100.0	6.7	37.8
6 Eastern Block of Ring Road	0	0	0	7	5	12	0.0	0.0	0.0	58.3	41.7	100.0	0.0	100.0
Sub-Total (Eastern Payam)	1	11	48	40	44	144	0.7	7.6	33.3	27.8	30.6	100.0	8.3	58.3
Total	10	38	228	213	132	621	1.6	6.1	36.7	34.3	21.3	100.0	7.7	55.6

Average Monthly Expenditure

Boma/Block	In Number							In %					
	Less 500 (SSP/Month)	500-999 (SSP/Month)	1,000-4,999 (SSP/Month)	5,000-9,999 (SSP/Month)	10,000 More (SSP/Month)	Average (SSP/Month)	Total	Less 500 (SSP/Month)	500-1,000 (SSP/Month)	1,000-5,000 (SSP/Month)	5,000-10,000 (SSP/Month)	10,000 More (SSP/Month)	Total
1 Hai El Matar	0	0	28	2	0	2529	30	0.0	0.0	93.3	6.7	0.0	100.0
2 Hai El Shatti	0	1	26	1	0	2441	28	0.0	3.6	92.9	3.6	0.0	100.0
3 El Bethery	0	4	17	4	0	2393	25	0.0	16.0	68.0	16.0	0.0	100.0
4 Hai Zande	0	1	19	5	0	3445	25	0.0	4.0	76.0	20.0	0.0	100.0
5 Hai Shulluk	0	0	18	5	0	3728	23	0.0	0.0	78.3	21.7	0.0	100.0
6 Hai Nuba	1	3	18	2	1	2990	25	4.0	12.0	72.0	8.0	4.0	100.0
7 Hai Dinka	1	6	17	1	0	1695	25	4.0	24.0	68.0	4.0	0.0	100.0
8 Thorat Malakia	19	0	37	3	1	2005	60	31.7	0.0	61.7	5.0	1.7	100.0
9 Thorat Luakat	1	1	25	2	0	3092	29	3.4	3.4	86.2	6.9	0.0	100.0
Sub-Total (Northern Payam)	22	16	205	25	2	2702	270	8.1	5.9	75.9	9.3	0.7	100.0
1 Ray El Maseri	0	2	26	1	1	2307	30	0.0	6.7	86.7	3.3	3.3	100.0
2 Jallaba	11	0	19	0	0	1671	30	36.7	0.0	63.3	0.0	0.0	100.0
3 Muderia	0	0	24	5	1	3796	30	0.0	0.0	80.0	16.7	3.3	100.0
Sub-Total (Central Payam)	11	2	69	6	2	2591	90	12.2	2.2	76.7	6.7	2.2	100.0
1 Assossa	0	2	26	2	0	2539	30	0.0	6.7	86.7	6.7	0.0	100.0
2 Bum	0	1	28	1	0	1960	30	0.0	3.3	93.3	3.3	0.0	100.0
3 Goni	1	4	12	1	1	2161	19	5.3	21.1	63.2	5.3	5.3	100.0
4 Dengershufu	1	7	49	2	0	1977	59	1.7	11.9	83.1	3.4	0.0	100.0
5 Terawa	0	0	28	1	0	2833	29	0.0	0.0	96.6	3.4	0.0	100.0
Sub-Total (Southern Payam)	2	14	143	7	1	2294	167	1.2	8.4	85.6	4.2	0.6	100.0
1 Thorat Jallaba	0	1	22	2	0	3113	25	0.0	4.0	88.0	8.0	0.0	100.0
2 Entidad Jallaba	0	8	13	0	0	1232	21	0.0	38.1	61.9	0.0	0.0	100.0
3 Biathin	1	7	16	0	1	1995	25	4.0	28.0	64.0	0.0	4.0	100.0
4 Hai Sahaa	0	0	27	2	0	3263	29	0.0	0.0	93.1	6.9	0.0	100.0
5 Hai Television	0	8	50	1	0	1924	59	0.0	13.6	84.7	1.7	0.0	100.0
6 Eastern Block of Ring Road	10	2	11	1	0	1658	24	41.7	8.3	45.8	4.2	0.0	100.0
Sub-Total (Eastern Payam)	11	26	139	6	1	2198	183	6.0	14.2	76.0	3.3	0.5	100.0
Total	46	58	556	44	6	2467	710	6.5	8.2	78.3	6.2	0.8	100.0

91. Intension to Live in Malakal

Boma/Block	In Number					In %				
	Yes, we intend to stay in Malakal Tow.	No, we intend to go back to original village.	No, we intend to go to another place.	I do not know.	Total	Yes, we intend to stay in Malakal Tow.	No, we intend to go back to original village.	No, we intend to go to another place.	I do not know.	Total
1 Hai El Matar	11	5	2	0	18	61.1	27.8	11.1	0.0	100.0
2 Hai El Shatti	18	0	3	0	21	85.7	0.0	14.3	0.0	100.0
3 El Bethery	7	0	0	0	7	100.0	0.0	0.0	0.0	100.0
4 Hai Zande	4	0	1	1	6	66.7	0.0	16.7	16.7	100.0
5 Hai Shulluk	5	2	0	0	7	71.4	28.6	0.0	0.0	100.0
6 Hai Nuba	15	2	2	0	19	78.9	10.5	10.5	0.0	100.0
7 Hai Dinka	8	2	1	1	12	66.7	16.7	8.3	8.3	100.0
8 Thorat Malakia	34	7	0	0	41	82.9	17.1	0.0	0.0	100.0
9 Thorat Luakat	14	2	0	0	16	87.5	12.5	0.0	0.0	100.0
Sub-Total (Northern Payam)	116	20	9	2	147	78.9	13.6	6.1	1.4	100.0
1 Ray El Maseri	14	13	0	0	27	51.9	48.1	0.0	0.0	100.0
2 Jallaba	22	0	2	0	24	91.7	0.0	8.3	0.0	100.0
3 Muderia	18	0	4	0	22	81.8	0.0	18.2	0.0	100.0
Sub-Total (Central Payam)	54	13	6	0	73	74.0	17.8	8.2	0.0	100.0
1 Assossa	7	1	5	0	13	53.8	7.7	38.5	0.0	100.0
2 Bum	14	0	0	0	14	100.0	0.0	0.0	0.0	100.0
3 Goni	14	1	0	0	15	93.3	6.7	0.0	0.0	100.0
4 Dengershufu	27	14	1	0	42	64.3	33.3	2.4	0.0	100.0
5 Terawa	12	0	2	0	14	85.7	0.0	14.3	0.0	100.0
Sub-Total (Southern Payam)	74	16	8	0	98	75.5	16.3	8.2	0.0	100.0
1 Thorat Jallaba	7	2	0	5	14	50.0	14.3	0.0	35.7	100.0
2 Emtidad Jallaba	10	1	0	0	11	90.9	9.1	0.0	0.0	100.0
3 Biathin	11	6	0	1	18	61.1	33.3	0.0	5.6	100.0
4 Hai Sahaa	20	0	2	0	22	90.9	0.0	9.1	0.0	100.0
5 Hai Television	39	0	4	0	43	90.7	0.0	9.3	0.0	100.0
6 Eastern Block of Ring Road	14	1	0	0	15	93.3	6.7	0.0	0.0	100.0
Sub-Total (Eastern Payam)	101	10	6	6	123	82.1	8.1	4.9	4.9	100.0
Total	345	59	29	8	441	78.2	13.4	6.6	1.8	100.0

92. Existence of Community Leader

Boma/Block		In Number			In %		
		Yes, we have leader(s).	No, we do not have leader(s).	Total	Yes, we have leader(s).	No, we do not have leader(s).	Total
1	Hai El Matar	29	0	29	100.0	0.0	100.0
2	Hai El Shatti	27	1	28	96.4	3.6	100.0
3	El Bethery	23	1	24	95.8	4.2	100.0
4	Hai Zande	14	0	14	100.0	0.0	100.0
5	Hai Shulluk	18	6	24	75.0	25.0	100.0
6	Hai Nuba	21	3	24	87.5	12.5	100.0
7	Hai Dinka	25	0	25	100.0	0.0	100.0
8	Thorat Malakia	52	8	60	86.7	13.3	100.0
9	Thorat Luakat	21	9	30	70.0	30.0	100.0
Sub-Total (Northern Payam)		230	28	258	89.1	10.9	100.0
1	Ray El Maseri	24	6	30	80.0	20.0	100.0
2	Jallaba	22	8	30	73.3	26.7	100.0
3	Muderia	30	0	30	100.0	0.0	100.0
Sub-Total (Central Payam)		76	14	90	84.4	15.6	100.0
1	Assossa	27	3	30	90.0	10.0	100.0
2	Bum	19	11	30	63.3	36.7	100.0
3	Goni	20	4	24	83.3	16.7	100.0
4	Dengershufu	50	8	58	86.2	13.8	100.0
5	Terawa	27	2	29	93.1	6.9	100.0
Sub-Total (Southern Payam)		143	28	171	83.6	16.4	100.0
1	Thorat Jallaba	21	4	25	84.0	16.0	100.0
2	Emtidad Jallaba	20	4	24	83.3	16.7	100.0
3	Biathin	21	4	25	84.0	16.0	100.0
4	Hai Saha	24	5	29	82.8	17.2	100.0
5	Hai Television	44	16	60	73.3	26.7	100.0
6	Eastern Block of Ring Road	22	0	22	100.0	0.0	100.0
Sub-Total (Eastern Payam)		152	33	185	82.2	17.8	100.0
Total		601	103	704	85.4	14.6	100.0

93. Way Leaders Took the Position

Boma/Block	In Number				In %			
	Elected by Community People	Inherited from their Fathers/ Mothers	Nominated by Government	Total	Elected by Community People	Inherited from their Fathers/ Mothers	Nominated by Government	Total
1 Hai El Matar	28	0	0	28	100.0	0.0	0.0	100.0
2 Hai El Shatti	27	0	0	27	100.0	0.0	0.0	100.0
3 El Bethery	8	2	14	24	33.3	8.3	58.3	100.0
4 Hai Zande	6	0	8	14	42.9	0.0	57.1	100.0
5 Hai Shulluk	3	1	19	23	13.0	4.3	82.6	100.0
6 Hai Nuba	11	1	8	20	55.0	5.0	40.0	100.0
7 Hai Dinka	10	0	14	24	41.7	0.0	58.3	100.0
8 Thorat Malakia	32	1	20	53	60.4	1.9	37.7	100.0
9 Thorat Luakat	23	0	0	23	100.0	0.0	0.0	100.0
Sub-Total (Northern Payam)	148	5	83	236	62.7	2.1	35.2	100.0
1 Ray El Maseri	24	0	0	24	100.0	0.0	0.0	100.0
2 Jallaba	19	0	3	22	86.4	0.0	13.6	100.0
3 Muderia	30	0	0	30	100.0	0.0	0.0	100.0
Sub-Total (Central Payam)	73	0	3	76	96.1	0.0	3.9	100.0
1 Assossa	24	0	3	27	88.9	0.0	11.1	100.0
2 Bum	18	1	0	19	94.7	5.3	0.0	100.0
3 Goni	15	0	6	21	71.4	0.0	28.6	100.0
4 Dengershufu	49	0	0	49	100.0	0.0	0.0	100.0
5 Terawa	27	0	0	27	100.0	0.0	0.0	100.0
Sub-Total (Southern Payam)	133	1	9	143	93.0	0.7	6.3	100.0
1 Thorat Jallaba	10	0	11	21	47.6	0.0	52.4	100.0
2 Emtidad Jallaba	12	0	8	20	60.0	0.0	40.0	100.0
3 Biathin	3	3	14	20	15.0	15.0	70.0	100.0
4 Hai Saha	24	0	0	24	100.0	0.0	0.0	100.0
5 Hai Television	42	0	2	44	95.5	0.0	4.5	100.0
6 Eastern Block of Ring Road	10	1	12	23	43.5	4.3	52.2	100.0
Sub-Total (Eastern Payam)	101	4	47	152	66.4	2.6	30.9	100.0
Total	455	10	142	607	75.0	1.6	23.4	100.0

94. Level of Effectiveness of Community Leaders

	Boma/Block	In Number					In %						Summary (%)		
		Very Effective	Effective	Fair	Limitedly Effective	Not Effective	Total	Very Effective	Effective	Fair	Limitedly Effective	Not Effective	Total	Very Effective + Effective	Limitedly Effective + Not Effective
1	Hai El Matar	0	20	2	5	0	27	0.0	74.1	7.4	18.5	0.0	100.0	74.1	18.5
2	Hai El Shatti	0	18	3	4	0	25	0.0	72.0	12.0	16.0	0.0	100.0	72.0	16.0
3	El Bethery	7	8	6	0	2	23	30.4	34.8	26.1	0.0	8.7	100.0	65.2	8.7
4	Hai Zande	1	10	0	7	7	25	4.0	40.0	0.0	28.0	28.0	100.0	44.0	56.0
5	Hai Shulluk	0	4	7	3	11	25	0.0	16.0	28.0	12.0	44.0	100.0	16.0	56.0
6	Hai Nuba	3	8	4	1	4	20	15.0	40.0	20.0	5.0	20.0	100.0	55.0	25.0
7	Hai Dinka	3	20	2	0	0	25	12.0	80.0	8.0	0.0	0.0	100.0	92.0	0.0
8	Thorat Malakia	3	32	5	4	0	44	6.8	72.7	11.4	9.1	0.0	100.0	79.5	9.1
9	Thorat Luakat	1	16	6	3	0	26	3.8	61.5	23.1	11.5	0.0	100.0	65.4	11.5
Sub-Total (Northern Payam)		18	136	35	27	24	240	7.5	56.7	14.6	11.3	10.0	100.0	64.2	21.3
1	Ray El Maseri	0	8	3	8	0	19	0.0	42.1	15.8	42.1	0.0	100.0	42.1	42.1
2	Jallaba	0	13	2	3	0	18	0.0	72.2	11.1	16.7	0.0	100.0	72.2	16.7
3	Muderia	0	19	4	5	0	28	0.0	67.9	14.3	17.9	0.0	100.0	67.9	17.9
Sub-Total (Central Payam)		0	40	9	16	0	65	0.0	61.5	13.8	24.6	0.0	100.0	61.5	24.6
1	Assossa	9	11	2	2	1	25	36.0	44.0	8.0	8.0	4.0	100.0	80.0	12.0
2	Bum	1	9	5	2	0	17	5.9	52.9	29.4	11.8	0.0	100.0	58.8	11.8
3	Goni	4	9	3	4	4	24	16.7	37.5	12.5	16.7	16.7	100.0	54.2	33.3
4	Dengershufu	4	20	4	23	0	51	7.8	39.2	7.8	45.1	0.0	100.0	47.1	45.1
5	Terawa	8	11	4	1	0	24	33.3	45.8	16.7	4.2	0.0	100.0	79.2	4.2
Sub-Total (Southern Payam)		26	60	18	32	5	141	18.4	42.6	12.8	22.7	3.5	100.0	61.0	26.2
1	Thorat Jallaba	1	9	1	7	3	21	4.8	42.9	4.8	33.3	14.3	100.0	47.6	47.6
2	Entidad Jallaba	2	11	3	5	3	24	8.3	45.8	12.5	20.8	12.5	100.0	54.2	33.3
3	Biathin	0	10	9	0	2	21	0.0	47.6	42.9	0.0	9.5	100.0	47.6	9.5
4	Hai Saha	0	15	2	4	0	21	0.0	71.4	9.5	19.0	0.0	100.0	71.4	19.0
5	Hai Television	0	29	4	7	0	40	0.0	72.5	10.0	17.5	0.0	100.0	72.5	17.5
6	Eastern Block of Ring Road	2	21	1	1	0	25	8.0	84.0	4.0	4.0	0.0	100.0	92.0	4.0
Sub-Total (Eastern Payam)		5	95	20	24	8	152	3.3	62.5	13.2	15.8	5.3	100.0	65.8	21.1
Total		49	331	82	99	37	598	8.2	55.4	13.7	16.6	6.2	100.0	63.5	22.7

Leaders in Dengershufu were perceived as "limitedly effective", however, leaders were considered as effective in general. Dengershufu is on the process of dividing its area into several new Bomas, which might affect the result.

111. Distance to Health Facility

Boma/Block	In Number						In %						Summary (%)	
	Less than 15 min	15-30 min	30 min - 1 hour	1 hour - 2 hours	More than 2 hours	Total	Less than 15 min	15-30 min	30 min - 1 hour	1 hour - 2 hours	More than 2 hours	Total	Less than 30 min	More than 1 hour
1 Hai El Matar	0	1	0	28	0	29	0.0	3.4	0.0	96.6	0.0	100.0	3.4	96.6
2 Hai El Shatti	0	0	2	25	0	27	0.0	0.0	7.4	92.6	0.0	100.0	0.0	92.6
3 El Bethery	3	0	1	0	0	4	75.0	0.0	25.0	0.0	0.0	100.0	75.0	0.0
4 Hai Zande	2	1	4	0	0	7	28.6	14.3	57.1	0.0	0.0	100.0	42.9	0.0
5 Hai Shulluk	0	2	6	0	0	8	0.0	25.0	75.0	0.0	0.0	100.0	25.0	0.0
6 Hai Nuba	2	2	5	1	0	10	20.0	20.0	50.0	10.0	0.0	100.0	40.0	10.0
7 Hai Dinka	0	3	0	1	0	4	0.0	75.0	0.0	25.0	0.0	100.0	75.0	25.0
8 Thorat Malakia	1	10	18	26	0	55	1.8	18.2	32.7	47.3	0.0	100.0	20.0	47.3
9 Thorat Luakat	0	12	1	16	0	29	0.0	41.4	3.4	55.2	0.0	100.0	41.4	55.2
Sub-Total (Northern Payam)	8	31	37	97	0	173	4.6	17.9	21.4	56.1	0.0	100.0	22.5	56.1
1 Ray El Maseri	3	17	1	8	0	29	10.3	58.6	3.4	27.6	0.0	100.0	69.0	27.6
2 Jallaba	0	1	2	26	0	29	0.0	3.4	6.9	89.7	0.0	100.0	3.4	89.7
3 Muderia	0	0	0	30	0	30	0.0	0.0	0.0	100.0	0.0	100.0	0.0	100.0
Sub-Total (Central Payam)	3	18	3	64	0	88	3.4	20.5	3.4	72.7	0.0	100.0	23.9	72.7
1 Assossa	0	0	11	16	0	27	0.0	0.0	40.7	59.3	0.0	100.0	0.0	59.3
2 Bum	0	2	1	26	0	29	0.0	6.9	3.4	89.7	0.0	100.0	6.9	89.7
3 Goni	2	0	11	0	1	14	14.3	0.0	78.6	0.0	7.1	100.0	14.3	7.1
4 Dengershufu	0	5	11	39	0	55	0.0	9.1	20.0	70.9	0.0	100.0	9.1	70.9
5 Terawa	1	2	9	16	0	28	3.6	7.1	32.1	57.1	0.0	100.0	10.7	57.1
Sub-Total (Southern Payam)	3	9	43	97	1	153	2.0	5.9	28.1	63.4	0.7	100.0	7.8	64.1
1 Thorat Jallaba	2	5	1	0	0	8	25.0	62.5	12.5	0.0	0.0	100.0	87.5	0.0
2 Emtidad Jallaba	8	2	1	0	0	11	72.7	18.2	9.1	0.0	0.0	100.0	90.9	0.0
3 Biathin	0	0	1	4	0	5	0.0	0.0	20.0	80.0	0.0	100.0	0.0	80.0
4 Hai Saha	0	1	2	25	0	28	0.0	3.6	7.1	89.3	0.0	100.0	3.6	89.3
5 Hai Television	0	2	6	48	0	56	0.0	3.6	10.7	85.7	0.0	100.0	3.6	85.7
6 Eastern Block of Ring Road	1	1	8	4	0	14	7.1	7.1	57.1	28.6	0.0	100.0	14.3	28.6
Sub-Total (Eastern Payam)	11	11	19	81	0	122	9.0	9.0	15.6	66.4	0.0	100.0	18.0	66.4
Total	25	69	102	339	1	536	4.7	12.9	19.0	63.2	0.2	100.0	17.5	63.4

113. Level of Satisfaction with Health Services

Boma/Block	In Number						In %						Summary (%)	
	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Much Satisfied	Satisfied	Neutral	Dissatisfied	Very Much Dissatisfied	Total	Very Satisfied +Satisfied	Very Dissatisfied +Dissatisfied
1 Hai El Matar	0	12	14	3	0	29	0.0	41.4	48.3	10.3	0.0	100.0	41.4	10.3
2 Hai El Shatti	0	12	10	5	1	28	0.0	42.9	35.7	17.9	3.6	100.0	42.9	21.4
3 El Bethery	2	7	6	3	6	24	8.3	29.2	25.0	12.5	25.0	100.0	37.5	37.5
4 Hai Zande	0	8	2	14	0	24	0.0	33.3	8.3	58.3	0.0	100.0	33.3	58.3
5 Hai Shulluk	0	0	2	22	0	24	0.0	0.0	8.3	91.7	0.0	100.0	0.0	91.7
6 Hai Nuba	0	3	1	14	7	25	0.0	12.0	4.0	56.0	28.0	100.0	12.0	84.0
7 Hai Dinka	0	2	2	17	4	25	0.0	8.0	8.0	68.0	16.0	100.0	8.0	84.0
8 Thorat Malakia	0	9	5	25	19	58	0.0	15.5	8.6	43.1	32.8	100.0	15.5	75.9
9 Thorat Luakat	0	17	12	1	0	30	0.0	56.7	40.0	3.3	0.0	100.0	56.7	3.3
Sub-Total (Northern Payam)	2	70	54	104	37	267	0.7	26.2	20.2	39.0	13.9	100.0	27.0	52.8
1 Ray El Maseri	0	7	1	16	6	30	0.0	23.3	3.3	53.3	20.0	100.0	23.3	73.3
2 Jallaba	0	10	7	3	10	30	0.0	33.3	23.3	10.0	33.3	100.0	33.3	43.3
3 Muderia	0	15	13	2	0	30	0.0	50.0	43.3	6.7	0.0	100.0	50.0	6.7
Sub-Total (Central Payam)	0	32	21	21	16	90	0.0	35.6	23.3	23.3	17.8	100.0	35.6	41.1
1 Assossa	0	8	7	7	7	29	0.0	27.6	24.1	24.1	24.1	100.0	27.6	48.3
2 Bum	0	10	6	3	11	30	0.0	33.3	20.0	10.0	36.7	100.0	33.3	46.7
3 Goni	0	2	3	17	2	24	0.0	8.3	12.5	70.8	8.3	100.0	8.3	79.2
4 Dengershufu	0	15	11	15	17	58	0.0	25.9	19.0	25.9	29.3	100.0	25.9	55.2
5 Terawa	0	5	5	6	12	28	0.0	17.9	17.9	21.4	42.9	100.0	17.9	64.3
Sub-Total (Southern Payam)	0	40	32	48	49	169	0.0	23.7	18.9	28.4	29.0	100.0	23.7	57.4
1 Thorat Jallaba	0	11	2	12	0	25	0.0	44.0	8.0	48.0	0.0	100.0	44.0	48.0
2 Emtidad Jallaba	0	6	6	10	6	28	0.0	21.4	21.4	35.7	21.4	100.0	21.4	57.1
3 Biathin	1	3	9	5	3	21	4.8	14.3	42.9	23.8	14.3	100.0	19.0	38.1
4 Hai Saha	0	13	8	3	6	30	0.0	43.3	26.7	10.0	20.0	100.0	43.3	30.0
5 Hai Television	0	22	16	6	16	60	0.0	36.7	26.7	10.0	26.7	100.0	36.7	36.7
6 Eastern Block of Ring Road	0	6	0	9	10	25	0.0	24.0	0.0	36.0	40.0	100.0	24.0	76.0
Sub-Total (Eastern Payam)	1	61	41	45	41	189	0.5	32.3	21.7	23.8	21.7	100.0	32.8	45.5
Total	3	203	148	218	143	715	0.4	28.4	20.7	30.5	20.0	100.0	28.8	50.5

114. Problems with Health Services

Boma/Block	In Number							In %						
	Too Expensive	A Long Distance	Not Adequate Services	Not Reliable Services	Poor Services	Others	No. of Respondents	Too Expensive	A Long Distance	Not Adequate Services	Not Reliable Services	Poor Services	Others	No. of Answers / No. of Respondents
1 Hai El Matar	25	26	19	6	11	0	28	89.3	92.9	67.9	21.4	39.3	0.0	310.7
2 Hai El Shatti	23	23	21	9	11	0	27	85.2	85.2	77.8	33.3	40.7	0.0	322.2
3 El Bethery	17	4	7	5	11	0	22	77.3	18.2	31.8	22.7	50.0	0.0	200.0
4 Hai Zande	21	4	7	5	20	2	25	84.0	16.0	28.0	20.0	80.0	8.0	236.0
5 Hai Shulluk	22	15	12	5	18	0	23	95.7	65.2	52.2	21.7	78.3	0.0	313.0
6 Hai Nuba	21	15	13	10	15	1	24	87.5	62.5	54.2	41.7	62.5	4.2	312.5
7 Hai Dinka	15	15	11	10	18	0	23	65.2	65.2	47.8	43.5	78.3	0.0	300.0
8 Thorat Malakia	37	31	38	17	45	2	58	63.8	53.4	65.5	29.3	77.6	3.4	293.1
9 Thorat Luakat	24	20	20	9	8	0	29	82.8	69.0	69.0	31.0	27.6	0.0	279.3
Sub-Total (Northern Payam)	205	153	148	76	157	5	259	79.2	59.1	57.1	29.3	60.6	1.9	287.3
1 Ray El Maseri	23	9	11	5	27	1	30	76.7	30.0	36.7	16.7	90.0	3.3	253.3
2 Jallaba	16	26	26	7	17	0	29	55.2	89.7	89.7	24.1	58.6	0.0	317.2
3 Muderia	24	26	22	7	10	0	28	85.7	92.9	78.6	25.0	35.7	0.0	317.9
Sub-Total (Central Payam)	63	61	59	19	54	1	87	72.4	70.1	67.8	21.8	62.1	1.1	295.4
1 Assossa	22	23	25	17	16	0	27	81.5	85.2	92.6	63.0	59.3	0.0	381.5
2 Bum	15	26	26	8	18	0	30	50.0	86.7	86.7	26.7	60.0	0.0	310.0
3 Goni	20	6	6	0	24	1	25	80.0	24.0	24.0	0.0	96.0	4.0	228.0
4 Dengershufu	37	47	45	21	39	1	57	64.9	82.5	78.9	36.8	68.4	1.8	333.3
5 Terawa	19	24	25	19	22	0	27	70.4	88.9	92.6	70.4	81.5	0.0	403.7
Sub-Total (Southern Payam)	113	126	127	65	119	2	166	68.1	75.9	76.5	39.2	71.7	1.2	332.5
1 Thorat Jallaba	25	6	9	3	21	0	25	100.0	24.0	36.0	12.0	84.0	0.0	256.0
2 Entidad Jallaba	23	4	10	6	15	0	25	92.0	16.0	40.0	24.0	60.0	0.0	232.0
3 Biathin	16	14	12	4	11	2	22	72.7	63.6	54.5	18.2	50.0	9.1	268.2
4 Hai Saha	19	25	26	8	13	0	29	65.5	86.2	89.7	27.6	44.8	0.0	313.8
5 Hai Television	35	49	52	18	31	0	58	60.3	84.5	89.7	31.0	53.4	0.0	319.0
6 Eastern Block of Ring Road	20	9	6	0	9	0	25	80.0	36.0	24.0	0.0	36.0	0.0	176.0
Sub-Total (Eastern Payam)	138	107	115	39	100	2	184	75.0	58.2	62.5	21.2	54.3	1.1	272.3
Total	519	447	449	199	430	10	2044	25.4	21.9	22.0	9.7	21.0	39.4	9346.6

115. Three Most Serious Problems

Boma/Block	In Number												In %											
	Limited Job Opportunities	Social Problem (e.g. Ethnic Confrontation, and Bad Law and Order)	Insecure Status of Land Ownership and Land Rent	Limited Opportunities for Education	Limited Access to Health Facilities	Limited Access to Safe and Adequate Water	Poor Sanitation Condition	Poor Road Condition	Poor Transportation Services	Limited Access to Electricity	Flooding	No. of Respondents	Limited Job Opportunities	Social Problem (e.g. Ethnic Confrontation, and Bad Law and Order)	Insecure Status of Land Ownership and Land Rent	Limited Opportunities for Education	Limited Access to Health Facilities	Limited Access to Safe and Adequate Water	Poor Sanitation Condition	Poor Road Condition	Poor Transportation Services	Limited Access to Electricity	Flooding	No. of Answers / No. of Respondents
1 Hai El Matar	4	0	0	9	23	29	7	13	1	0	1	29	13.8	0.0	0.0	31.0	79.3	100.0	24.1	44.8	3.4	0.0	3.4	300.0
2 Hai El Shatti	7	0	0	10	19	27	6	13	0	3	4	28	25.0	0.0	0.0	35.7	67.9	96.4	21.4	46.4	0.0	10.7	14.3	317.9
3 El Bethery	16	5	0	8	6	6	7	7	4	5	1	24	66.7	20.8	0.0	33.3	25.0	25.0	29.2	29.2	16.7	20.8	4.2	270.8
4 Hai Zande	16	0	2	7	6	16	1	8	0	8	0	21	76.2	0.0	9.5	33.3	28.6	76.2	4.8	38.1	0.0	38.1	0.0	304.8
5 Hai Shuluk	16	0	0	7	12	15	5	6	0	2	1	21	76.2	0.0	0.0	33.3	57.1	71.4	23.8	28.6	0.0	9.5	4.8	304.8
6 Hai Naba	20	0	6	5	17	12	10	9	6	7	9	24	83.3	0.0	25.0	20.8	70.8	50.0	41.7	37.5	25.0	29.2	37.5	420.8
7 Hai Dinka	21	0	0	12	9	10	16	18	7	8	2	24	87.5	0.0	0.0	50.0	37.5	41.7	66.7	75.0	29.2	33.3	8.3	429.2
8 Thorat Malakia	38	1	0	16	22	40	20	24	7	16	19	56	67.9	1.8	0.0	28.6	39.3	71.4	35.7	42.9	12.5	28.6	33.9	362.5
9 Thorat Luakat	9	0	2	7	18	25	9	12	0	3	2	29	31.0	0.0	6.9	24.1	62.1	86.2	31.0	41.4	0.0	10.3	6.9	300.0
Sub-Total (Northern Payam)	147	6	10	81	132	180	81	110	25	52	39	256	57.4	2.3	3.9	31.6	51.6	70.3	31.6	43.0	9.8	20.3	15.2	337.1
1 Ray El Maseri	23	0	0	3	7	28	8	24	3	7	7	30	76.7	0.0	0.0	10.0	23.3	93.3	26.7	80.0	10.0	23.3	23.3	366.7
2 Jallaba	15	0	0	8	17	29	14	18	3	11	12	30	50.0	0.0	0.0	26.7	56.7	96.7	46.7	60.0	10.0	36.7	40.0	423.3
3 Muderia	6	0	0	9	23	30	8	13	0	0	1	30	20.0	0.0	0.0	30.0	76.7	100.0	26.7	43.3	0.0	0.0	3.3	300.0
Sub-Total (Central Payam)	44	0	0	20	47	87	30	55	6	18	20	90	48.9	0.0	0.0	22.2	52.2	96.7	33.3	61.1	6.7	20.0	22.2	363.3
1 Assossa	8	0	1	8	22	27	4	8	1	12	5	30	26.7	0.0	3.3	26.7	73.3	90.0	13.3	26.7	3.3	40.0	16.7	320.0
2 Bum	14	0	0	7	13	27	10	18	3	8	13	30	46.7	0.0	0.0	23.3	43.3	90.0	33.3	60.0	10.0	26.7	43.3	376.7
3 Goni	10	0	0	9	11	4	9	18	6	1	0	23	43.5	0.0	0.0	39.1	47.8	17.4	39.1	78.3	26.1	4.3	0.0	295.7
4 Dengershufu	30	0	0	14	25	56	18	34	6	17	20	59	50.8	0.0	0.0	23.7	42.4	94.9	30.5	57.6	10.2	28.8	33.9	372.9
5 Terawa	11	0	0	4	17	28	8	10	3	13	6	28	39.3	0.0	0.0	14.3	60.7	100.0	28.6	35.7	10.7	46.4	21.4	357.1
Sub-Total (Southern Payam)	73	0	1	42	88	142	49	88	19	51	44	170	42.9	0.0	0.6	24.7	51.8	83.5	28.8	51.8	11.2	30.0	25.9	351.2
1 Thorat Jallaba	22	0	2	6	13	10	4	14	2	14	0	24	91.7	0.0	8.3	25.0	54.2	41.7	16.7	58.3	8.3	58.3	0.0	362.5
2 Enrtad Jallaba	12	0	0	7	10	27	3	15	0	5	8	22	54.5	0.0	0.0	31.8	45.5	122.7	13.6	68.2	0.0	22.7	36.4	395.5
3 Barthin	10	1	0	4	8	9	10	13	10	4	2	23	43.5	4.3	0.0	17.4	34.8	39.1	43.5	56.5	43.5	17.4	8.7	308.7
4 Hai Saha	11	0	0	10	17	28	10	16	3	8	10	30	36.7	0.0	0.0	33.3	56.7	93.3	33.3	53.3	10.0	26.7	33.3	376.7
5 Hai Television	28	0	0	17	33	56	24	33	11	18	19	60	46.7	0.0	0.0	28.3	55.0	93.3	40.0	55.0	18.3	30.0	31.7	398.3
6 Eastern Block of Ring Road	21	0	0	7	17	5	3	5	2	4	4	25	84.0	0.0	0.0	28.0	68.0	20.0	12.0	20.0	8.0	16.0	16.0	272.0
Sub-Total (Eastern Payam)	104	1	2	51	98	135	54	96	28	53	43	184	56.5	0.5	1.1	27.7	53.3	73.4	29.3	52.2	15.2	28.8	23.4	361.4
Total	368	7	13	194	365	544	214	349	78	174	146	700	52.6	1.0	1.9	27.7	52.1	77.7	30.6	49.9	11.1	24.9	20.9	350.3

Comment

Limited access to safe and adequate water was the most serious problem, followed by limited access to health facilities, poor road condition, limited job opportunities, and so on. Social problem such as ethnic confrontation was not perceived as major problems. Status of land ownership was not perceived as major problems, although considerable proportion of the residents is returnees.

ATTACHMENT III

Questionnaires

Household Survey

Ministry of Physical Infrastructure & Rural Development, UNS and Japan International Cooperation Agency

This section is to be completed for each household visited.

SECTION 1: IDENTIFICATION

101. Name of Payam	
102. Name of Boma	
103. Name Household Head	
104. Ethic group (tribe)	
105. Name of Enumerator	
106. Date of Interview	
107. Time Interview Started	
108. Time Interview Ended	

Supervisors Name

Signature.....

The questions in this survey are to be administered to the randomly selected households in each of the Boma

200. General Information

201. Number of your household members by age? Please indicate below.

Age group (Years)	Male	Female	Number of persons
0 – 5			
6 – 11			
12 –17			
18 – 21			
22 – 27			
28 – 33			
34 – 39			
40 – 45			
46 – 51			
52 -57			
58 – 63			
64 and above			

Household land tenure and ownership

202. What is a land property ownership status of your household? Please choose one.

<ol style="list-style-type: none"> 1. Household Owned 2. Community owned 3. Leased Land 4. Rented 5. Free (returnees) 6. Other (Please specify: _____)

203. What is the house ownership in your household? Please choose one

<ol style="list-style-type: none"> 1. Self Owned 2. Rented 3. Free (Returnees) 4. Other (Please specify: _____)
--

204. What is the length of stay at your household in this place?

<ol style="list-style-type: none"> 1. Less than 1 year 2. 1 – 2 years 3. 2 – 5 years 4. 5 – 10 years 5. 15 – 20 years 6. More than 20 years

Type, material, and number of dwelling

205. What is a type of your dwelling? Please choose one from below.

- | | |
|-------------------|------------------|
| 1. Incomplete | 5. Temporary |
| 2. Complete | 6. One Floor |
| 3. Permanent | 7. Multi – Floor |
| 4. Semi Permanent | 8. Apartment |

206. What is a material of your dwelling? Please choose one.

- | | |
|-------------|------------------------|
| a) Wood | e) Tukul/gottya-sticks |
| b) Brick | f) Straw mats |
| c) Concrete | g) Tent |
| d) Mud | |

207. How many rooms are there in your dwelling? Please choose one.

1 room	2 rooms	3 rooms	4 rooms	More than 4 rooms
--------	---------	---------	---------	-------------------

208. How does your household feel about current household?

1	2	3	4	5
Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

Problems with household

209. Please choose one or more.

1. Rent for the land is too high
2. Acquiring a land is difficult
3. Rates for house is too high
4. House is too small
5. House material is too expensive
6. Others: Please specify: _____

Development Needs Area

210. In your boma, do you have following facilities? Please tick facilities available one or more.

- | | |
|--------------------------------|-------------------|
| a) Primary Schools | g) Port |
| b) Secondary schools | h) Market |
| c) Medical facilities / Clinic | i) Factory |
| d) Governmental offices | j) Shops |
| e) Religious building | (Specify _____) |
| f) Water facilities | k) Other: _____) |

211. What (makes it) is most difficult to live in your boma? Please choose one

1. Flooding
2. No electricity
3. No water
4. Violence in the neighborhood/ethnic clashes

- | |
|--|
| <ul style="list-style-type: none"> 5. No shelter 6. No medical facilities 7. No job/source of income 8. No early childhood centre 9. No primary school 10. No secondary school |
|--|

212. What do you need most in your boma? Please choose one.

- | |
|--|
| <ul style="list-style-type: none"> 1. Water facilities 2. Electricity 3. Paved road 4. School 5. Medical facilities 6. Shops 7. Religious facilities 8. Other: _____) |
|--|

300. Conflict Prevention Area

301. What are you considered in the place you are currently living? Tick as considered appropriate

1. Ex-refugee		
2. Refugee		
3. Returnee		
4. Internally displaced persons		
5. Original resident		

302. If not an original resident, where did you live before?

- | |
|---|
| <ul style="list-style-type: none"> 1. South Sudan / Upper Nile State: Malakal County, but different community (specify) 2. South Sudan / Upper Nile State: Other county (specify) 3. South Sudan / Other State (specify) 4. Sudan / Khartoum 5. Sudan / (specify) 6. Ethiopia / (specify) 7. Kenya / (specify) |
|---|

303. Where were you born?

304. Why did you decide to live in this community?

- | |
|--|
| <ul style="list-style-type: none"> 1. We have received an assistance from the government 2. We have received an assistance from relatives 3. We have received an assistance from the people of the same ethnic group 4. Other (Please specify) |
|--|

305. Ethnic group conflict

(1) In your (Boma) community, do you live in with other ethnic groups?

Yes	No
-----	----

306. Have you ever had an ethnical confrontation in your (Boma) community?

Yes	No
-----	----

If the answer is "Yes", what kind of problems did you have?

Please specify _____

Section: Economic situation

400. Employment of young population

401. In your household, is there any young employable person who is not working?

Yes	No
-----	----

402. If the answer is "Yes", why he/she is not working?

<ol style="list-style-type: none">1. He has tried to find a work, but he did not get it2. He does not speak English3. He has no working experience4. The salary is too low5. He does not know anybody6. Low education level7. Has no specific skills in any area8. Other (Please specify _____)

Security situation of household

403. In your community, are there any security problems? 1 yes 2 .No

404. If yes what security problems are common in your area? Tick as appropriate?

<ol style="list-style-type: none">1. Robbery2. Extortion / demand money3. Military recruitment of young population4. Land conflict5. Ethnic tribal conflict6. Inter clan conflicts7. Business conflict8. Mine9. Other (Please specify _____)

405. What is the main source of livelihood of your household? You can choose one or more.

<ol style="list-style-type: none">1. Crop farming2. Animal husbandry (livestock sales, milk sale)3. Wages and salaries / employed

4. Owned business enterprises
5. Property income
6. Remittance (money from relatives abroad)
7. Pension
8. Fishing
9. Brick Making
10. Black smith (spears, axes, etc)
11. Charcoal burning
12. Fetching water for sale
13. Collection and sale of fire wood
14. Aid
15. Other: Please indicate _____

406. What is the average monthly income of your household? Please choose one.

500 below SSP	500 -1000 SSP	1000 – 5000 SSP	5000 – 10,000 SSP	More than 10,000 SSP
---------------	---------------	-----------------	-------------------	----------------------

(Currency: South Sudanese Pounds)

3. Expenditure

407. What is the main expenditure of your household? You can choose one or more.

1. Food
2. Education
3. Health
4. Clothing
5. Utilities¹
6. Transportation²
7. Personal care
8. Housing³
9. Recreation
10. Other

408. What items do you have in your household? Please choose one or more.

1. Television/satellite dish
2. Radio/transistor
3. Phone
4. Computer
5. Refrigerator
6. Fan

¹ Utilities include water, solid waste, and energy source for lighting and cooking, such as electricity, gas, kerosene, charcoal and firewood.

² Transportation includes communication

³ Includes materials for maintenance of dwelling, repair of household appliances, household utensils and cleaning articles

- | |
|--|
| 7. Air conditioner
8. Pair of shoes
9. Blanket
10. Mosquito net |
|--|

409. Do you have access to any financial services? (Banking, loan facility, deposits, withdrawals etc)

Yes	No
-----	----

410. If you answer "Yes", which one do you use?

- | |
|--|
| 1. Bank
2. Microfinance institution
3. Traditional system
4. Other (Please specify: _____) |
|--|

411. Have ever borrowed money from the bank or financial institution? 1. Yes 2.No

412. If yes for what reason did you borrow the money? Please choose one or more.

- | |
|---|
| 1. Consumption needs
2. Purchase of improvement of dwelling
3. Other business expense
4. Education of children
5. Health care for family
6. Other (Please specify: _____) |
|---|

413. If no, why have you not borrowed? Please choose one or more.

- | |
|---|
| 1. Do not like to be in debt
2. Do not know any lender
3. No financial institutions to borrow from
4. No knowledge on where and how to borrow
5. No need
6. Other (Please specify: _____) |
|---|

Sufficiency:

414. How does your household feel about current economic situation? Please choose one.

1	2	3	4	5
Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

415. What is the problem with the economic situation of your household? Please choose one or more

1. The household does not have adequate income for basic needs
2. The household manages to cover the basic needs, but nothing else.
3. The inflation rate is high
4. There is no opportunity for a job
5. There is no renders
6. Limited livelihood alternatives
7. Others: _____

500. Education Sector

501. What is your native language?

502. What is your language ability? Please indicate your level.

Language	Speak		Write	
	Good	Not good	Good	Not good
English				
Arabic				
Other				

Educational attainment of household head and members (10 years old above):

503. Please indicate the educational background of your household head and members.

House- Hold	Never been to school	P.S not finished	P.S finished	S.S not finished	S.S finished	Post Sec. not finished	Post Sec. finished	Univ. not finished	Univ. finished
Head									
Member									
Member									
Member									

P.S = Primary School / S.S = Secondary School / Post Sec.= Post-Secondary / Univ. = University

Literacy level (English):

504. What is your ability to read and write with understanding a simple sentence in English? Please choose one.

1	2	3	4	5
Very easy	Easy	Not easy	Difficult	Very difficult

505. Have you ever attended any sort of vocational training? (a) Yes (b) No

506. If you answer "Yes", which one have you attended?

- | | |
|---|--|
| <ul style="list-style-type: none"> a. Carpentry b. Brick laying c. Computer science d. Motor mechanics e. Electric | <ul style="list-style-type: none"> f. Catering g. Sewing/tailoring h. Nursing/fist aid i. Others specify |
|---|--|

1. Access to primary school, secondary school, and higher education:

507. Please indicate the distance to the nearest school.

	Less than 15 min.	15-30 min.	30-45 min.	45 min. - one hrs	More than 1 hrs.
Primary school					
Secondary school					
Post-secondary school					
University					
Other Please specify					

508. How does your household feel about current educational service?

1	2	3	4	5
Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

509. Type of problems with educational service: what factors hinder your household members from accessing educational services? Please choose one or more.

- | | |
|--|--|
| a) Education is expensive. | e) Unavailability of adequate trained teachers |
| b) Education facility is far. | f) Sickness/ disability |
| c) No time to go to school because I have to work. | g) Cultural hindrances |
| d) My family does not agree that I go to school | h) Other (Please specify _____) |

600. Road and Transportation Sector

601. What is the road condition of your road to the Block household? Please choose one or more

- | | |
|----------------------------|--------------------------------------|
| a. Paved good road | f. Road with narrow ditch |
| b. Paved road | g. Road with no ditch |
| c. Unpaved road with bumps | h. The road gets muddy when it rains |
| d. Dusty and unpaved road | i. The road is flooded when it rains |
| e. Road with wide ditch | j. Other: Please specify _____ |

602. What is the main means of transportation for your household? Please choose one or more.

- | | |
|---------------|---------------------------------|
| a) Bus/Public | e) Donkey/Horse Cart |
| b) Taxi | f) Boat |
| c) Motorbike | g) Walking |
| d) Bicycle | h) Other (Please specify _____) |

603. What is the average monthly expenditure on transportation for your household? Please choose one

SSP 100	SSP 200	SSP 300	SSP 400	SSP 500	More than SSP 500
---------	---------	---------	---------	---------	-------------------

604. How does your household feel about current road and transportation? Please choose one.

Level	1	2	3	4	5
	Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

605. What is the problem with the roads in your Boma? Please choose one or more.

- | | |
|---|---|
| <p>a. The road is very dusty.</p> <p>b. The road is not adequate for transportation.</p> <p>c. The road is not adequate for walking.</p> <p>d. Road has many holes & potholes</p> | <p>e. The roads flood when it rains.</p> <p>f. The road is too dirty with the garbage.</p> <p>g. Other (Please specify: _____)</p> |
|---|---|

606. What is the problem with the transportation for your household? Please choose one or more.

- | | |
|---|---|
| <p>a. Transportation cost is high</p> <p>b. Public transportation is congested.</p> <p>c. Public transportation is not sufficient.</p> <p>d. The frequency is not enough.</p> | <p>e. Public transportation is not adequate. It is dangerous</p> <p>f. Other (Please specify: _____)</p> |
|---|---|

700. Power Sector

701. What is your source of energy?

(Multiple answers are O.K.)

Type	In use										
	Wood & wood fuel		Kerosene		Electricity (grid power)		Electricity (battery)		Other(solar, etc.)		
Lighting	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Please specify (_____)
Cooking	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Please specify (_____)
Ironing	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Please specify (_____)
Refrigerator	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Please specify (_____)
Wind-fan, AC	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Please specify (_____)

702. What type of electric power supply service is your family using?

(Multiple answer is O.K.)

Service provider	In use				
	Private company service	Self power generation	Administrative power generation services	Community-based power generation service	Other
	Yes No In case of Yes Please specify (_____ _____ _____ _____)	Yes No In case of Yes Please specify (_____ _____ _____ _____)	Yes No In case of Yes Please specify (_____ _____ _____ _____)	Yes No In case of Yes Please specify (_____ _____ _____ _____)	Yes No In case of Yes Please specify (_____ _____ _____ _____)

703. How often does black-out happen for your family in case of electricity (power grid) use a day?

	1	2	3	4	5	6	7
Community Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day

704. How much does your family spent money to use energy a month on the average?

(1) Power supply fee/cost

No.	1	2	3	4	5	6
Private company Service	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (_____ SSP)
Self power generation	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (_____ SSP)
Administrative power generation services	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (_____ SSP)
Community-based power generation Service	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (_____ SSP)
Other	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (_____ SSP)

(2) Wood & wood fuel fee/cost

No.	1	2	3	4	5	6

Wood & wood fuel fee/cost	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (SSP)
---------------------------	----------------	------------------	---------	-----------------	-----------------	---------------------------------

(3) Kerosene

No.	1	2	3	4	5	6
Kerosene	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (SSP)

(4) Electricity (battery)

No.	1	2	3	4	5	6
Electricity(battery)	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (SSP)

(4) Other (solar, etc.)

No.	1	2	3	4	5	6
Other (solar, etc.)	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (SSP)

5. Sufficiency

How does your family feel current energy condition?

	1	2	3	4	5
	Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

705. **Type of problem with energy use** (Multiple answer is O.K.)

- | |
|---|
| <ol style="list-style-type: none"> 1. Energy cost is too high for livelihood. 2. Energy source is unstable 3. Electricity service (grid power) is not available 4. Electricity supply service fee is too much for livelihood 5. Other (Please specify _____) |
|---|

800. Water Section

801. What is your source of water?

(Multiple answer is O.K.)

Organization	SSUWC	Upper Nile State Gov.	NGO	Private (merchant) (Donkeys)	Personal borehole/harvested rain water
Utilization of water supplier	Yes No	Yes No	Yes No	Yes No	Yes NO
Equipment in use (put the number in use from the list shown below)					

802. Equipment List

- | | |
|---------------------|--------------------------------|
| a. 1. Cart & truck | e. 5. Pipe-borne in yard |
| b. 2. Water truck | f. 6. Pipe borne in house |
| c. 3. Running water | g. 7. Public hand pump (well) |
| d. 4. Public taps | h. 8. Hand pump in yard (well) |

Access to potable water

803. What is your source of potable water?

a. Organization (multiple answer is O.K.)

Organization	SSUWC	Upper Nile State Gov.	NGO	Private (merchant)	Other
Utilization of water supplier	Yes No	Yes No	Yes No	Yes No	Yes No
Equipment in use (put the number in use from the list shown below)					

b. Equipment List (Tick appropriately)

- | |
|---|
| 1. Cart & truck
2. Water truck
3. Running water
4. Public taps
5. Pipe-borne in yard
6. Pipe borne in house
7. Public hand pump (well)
8. Hand pump in yard (well) |
|---|

Amount of water used per day per person → 「Daily per-capita water consumption」

804. How much water is your family using per day for drinking, cooking, shower, etc., in total on the average? Please specify.

No.	1	2	3	4	5	6
	less than 20l a day	~20l a day	~40l a day	~60l a day	~80l a day	more than 80l a day ()

Frequency of obtaining water

805. How often does your family go to water points to fetch water a day?

No.	1	2	3	4	5	6
	less than once	once a day	twice a day	three times a day	four times a day	More than four times ()

Amount of expenditure for purchasing water/ daily/weekly average expenditure and let the enumerators calculate per month.

806. How much does your family spent money to obtain water a month on the average?

Water

No.	1	2	3	4	5	6
	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month ()

Transport cost to fetch water

No.	1	2	3	4	5	6
	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month ()

6. Sufficiency

How does your family feel current water supply condition?

	1	2	3	4	5
	Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

807. **Type of problem with water**

(Multiple answer is O.K.)

<p>1. Available water is not clean enough for drinking and cooking.</p> <p>2. The distance between house and water point is too far.</p> <p>3. Available water volume is too little.</p> <p>4. Water supply is unstable.</p> <p>5. Water price is too much for livelihood</p> <p>6. The cost for water fetching is too much.</p> <p>7. Time spent for water fetching is too much.</p> <p>8. The work to fetch water is too hard for the family member.</p> <p>9. Other (Please specify _____)</p>	14
---	----

808. Water Pressure in case of piped water

Satisfied	Neutral	Dissatisfied
-----------	---------	--------------

1) Quantity of Water Flow in case of piped water

Satisfied	Neutral	Dissatisfied
-----------	---------	--------------

2) Intermittent Supply in case of piped water

Satisfied	Neutral	Dissatisfied
-----------	---------	--------------

3) Leakage in case of piped water

Much	A little	Nil
------	----------	-----

4) Water Quality (Smell, Taste, Color) in any cases

Satisfied	Neutral	Dissatisfied
-----------	---------	--------------

5) Poor service in any cases

Yes	No	Neither
-----	----	---------

6) Tariff in any cases

Very high	high	acceptable	cheap	Very cheap
-----------	------	------------	-------	------------

7) Fetching water in any cases

Very hard	hard	Easy	Very easy	
-----------	------	------	-----------	--

8) Others

Payment of water bill (billed or not, paid or not)

810. Please tell us the payment condition of your family.

	Billed		Not billed
	Paid	Not paid	
SSUWC			
Upper Nile State Gov.			
NGO			
Private (merchant)			
Other			

Sewerage Sector

811. What type of toilet is your family using?

Ownership	Public toilet	Private toilet in the yard	Private toilet within house	open-defecation
Use	Yes No	Yes No	Yes No	Yes No
In case of Yes please answer followings				
Toilet Type	a. flush toilet b. not flush toilet	a. flush toilet b. not flush toilet	a. flush toilet b. not flush toilet	a. flush toilet b. not flush toilet

812. In case of public toilet answer following.

- a. Which organization is managing? (Please specify _____)
 b. How much does your family pay for public toilet?

No.	1	2	3	4	5	6
Pubic toilet fee	no money spent	~ 10 SSP a month	~20 SSP	~30 SSP a month	~40 SSP a month	More than 40 SSP a month (SSP)

813. (3) In case of flush toilet answer following.

- a. Water source of flush toilet

No.	1	2	3
Water source	Well	Piped water	Others

814. What treatment facility is employed for sanitation?

(You do not need to fulfill columns for sanitation types that are not used by your family.)

Facility type	1. On-site: septic tank	2. On-site: vault only	3. On-site: vault and soak	4. Off-site: connection with sewer pipe
Use	Yes No	Yes No	Yes No	Yes No

815. How often does your family withdraw or clean treatment facility a year?

No.	1	2	3	4	5	6
	less than once	once a day	twice a year	three times a year	four times a year	More than four times (times a year)

816. How much does your family spent money to dispose sewerage a month on the average?

- a. In case of pipe connection

No.	1	2	3	4	5	6
Connection fee	no money spent	~ 10 SSP a month	~20 SSP	~30 SSP a month	~40 SSP a month	More than 40 SSP a month (SSP)

b. In case of on-site sanitation

No.	1	2	3	4	5	6
Withdrawal/cleaning	no money spent	~ 10 SSP a month	~20 SSP	~30 SSP a month	~40 SSP a month	More than 40 SSP a month (SSP)

817. How does your family feel current sanitation condition?

	1	2	3	4	5
	Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

818. 6. Type of problem with sanitation (Multiple answer is O.K.)

<ol style="list-style-type: none"> 1. The distance between house and toilet is too far. 2. Available water volume for flush toilet is too little and unstable 3. The cost for sanitation is too much.
--

900. **Solid Waste Sector**

Type of garbage dumped

901. How much garbage a week does your family dump in total on the average?

No./ garbage type	Unit	Amount (in case of difficulty to answer, please specify)
The leavings of the meal/food remains	Kg	(kg a week) or ()
Pet bottles/ cloths/fabrics	in number	(a week)
Glass bottles	in number	(a week)
Plastics goods	kg a week	(kg a week) or ()
Polythene bags/cloths	kg a week	(kg a week) or ()
Wooden goods	kg a week	(kg a week) or ()
Metallic material	kg a week	(kg a week) or ()
Animal waste	kg a week	(kg a week) or ()
Others	kg a week	(kg a week) or ()

2. Availability of garbage collection service 1.Yes 2.No

902. What type of garbage collection service is your family using? (Multiple answers are O.K.)

	In use					
Service provider	County service	Payam Service	Boma service	Private service	Community service	Other service
a. Utilization	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
b. Place of dumping garbage (put the number in use from the list shown below)						
c. Assorted garbage collection	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

List of the place for garbage dumping

- a) Not fixed (specified)
- c) Common dumping place within 250m
- b) Common dumping place within 100m
- d) Common dumping place more than 250m

903. How often does your family go to garbage dumping points a week?

	1	2	3	4	5	6	7
City Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day
Payam Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day
Boma Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day
Private Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day
Community Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day
Other Service	less than once	once a week	twice a week	three times a week	four times a week	once everyday	more than once a day

904. Practice of garbage recycling

- a. Does your family recycle garbage for compost? (1. Yes 2. No.)
- b. Does your family recycle garbage for fuel? (1. Yes 2. No.)
- c. Is there any other recycle use of garbage?

If Yes, Please specify (_____)

5. Amount of expenditure for dumping garbage

905. How much does your family spent money to dump garbage a month on the average?

Collection fee

No.	1	2	3	4	5	6
	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (SSP)

Transport cost to dump garbage

No.	1	2	3	4	5	6
	no money spent	~ 20 SSP a month	~30 SSP	~40 SSP a month	~50 SSP a month	More than 50 SSP a month (SSP)

6. Sufficiency

How does your family feel current dumping condition?

	1	2	3	4	5
	Very much satisfied	Satisfied	Neutral	Dissatisfied	Very much dissatisfied

7. Type of problem with garbage dumping

(Multiple answers are O.K.)

- | |
|---|
| <ol style="list-style-type: none"> 1. The distance between house and garbage dumping point is too far. 2. Frequency of garbage collection service is too few. 3. Garbage collection service is unstable. 4. Garbage collection service fee is too much for livelihood 5. Garbage recycling is not applied. 6. Poor handling of garbage by garbage collectors 7. Unreliable garbage collectors 8. Some households default to pay fee for garbage collection 9. Other(Please specify_____) |
|---|

**Household Survey Questionnaire Sheets
For Additional Survey (August 2012)**

1.4.2 *If you have moved from other areas to Malakal Town, where did you live before coming to Malakal Town?*

How long did you live there before coming to Malakal?

Place your household lived before coming to Malakal	Number of years living there
a. Malakal County, but outside Malakal Town, Upper Nile State, South Sudan, (Specify: _____) Payam	(_____) years
b. County outside of Malakal County, Upper Nile State, South Sudan (Specify: _____) County	(_____) years
c. Outside Upper Nile State, South Sudan, (Specify: _____) State	(_____) years
d. Khartoum, Sudan	(_____) years
e. Other Cities of Sudan (Specify: _____)	(_____) years
f. Ethiopia	(_____) years
g. Kenya	(_____) years
h. Other countries (Specify: _____)	(_____) years

2.1 Expenditure and household item

2.1.1 *How much does your household spend for the following items? Give us general figures.*

The surveyor will calculate the percentages after the interview.

- a. Food (_____) SSP per month → (_____)%
- b. Education (_____) SSP per month → (_____)%
- c. Health (_____) SSP per month → (_____)%
- d. Clothing (_____) SSP per month → (_____)%
- e. Utilities 1/ (_____) SSP per month → (_____)%
- f. Transportation 2/(_____) SSP per month → (_____)%
- g. Personal care (_____) SSP per month → (_____)%
- h. Housing /3 (_____) SSP per month → (_____)%
- i. Recreation (_____) SSP per month → (_____)%
- j. Other (_____) SSP per month → (_____)%

1/ Utilities include water, solid waste, and energy source for lighting and cooking, such as electricity, gas, kerosene, charcoal and firewood.

2 / Transportation includes communication

3 / Includes materials for maintenance of dwelling, repair of household appliances, household utensils and cleaning articles

2.5 Measures for Livelihood improvement

2.5.1 *What would be needed most to improve the livelihood of your household? Select one.*

- a. Micro-credit to set up small business
- b. Training
- c. Employment
- d. Other (Specify _____)

2.5.2 *If you selected "a. Micro-credit to set up small business", what kind of small business do you want to start?*

- a. Sell goods
- b. Kiosk to serve food
- c. Builder
- d. Shop owner
- e. Other (Specify _____)

2.5.3 *If you selected "b. Training", what kind of training do you want to receive?*

- a. small business management
- b. food processing
- c. masonry
- d. welding
- e. tailoring
- f. carpenter
- g. bakery
- h. driving
- i. computer
- j. language(English)
- k. Others (please specify_____)

2.5.4 *If you selected "b. Training", how many hours per day are you available for training?*

- a. Within 2 hours/day
- b. 3-4 hours
- c. more than 4 hours

2.5.5 *If you selected "b. Training", how many days per week are you available for training?*

- a. 1 or 2 days per week
- b. 3-4 days per week

- c. 5 days per week

2. Conflict Prevention

3.1 If you are not originally from Malakal Town, do you intend to stay in Malakal Town in the future?

- a. Yes, we intend to stay in Malakal Town.
- b. No, we intend to go back to the village where we are originally from.
- c. No, we intend to go to another place.
(Specify: _____)
- d. I do not know.

3.2 What is the status of the land where you live?

- a. We acquired new land plot allocated by the government.
- b. We purchased new land plot allocated by the government.
- c. We don't have our own land plot. We are staying temporarily on my plot.
- d. We don't have our own plot. We are staying with the relative.

3.3 Leadership

3.4.1 Do you have leaders in your community, who represent your community for contacting government and support your activities?

- | | |
|--------|-------|
| a. Yes | b. No |
|--------|-------|

3.4.2 In what way did those leaders come to hold the leaders position?

- a. Elected by community members
- b. Inherited from their fathers/mothers
- c. Nominated by government
- d. Other (Specify: _____)

3.4.3 Is the leadership effective?

a	b	c	d	e
Very effective	Effective	Fair	Limitedly effective	Not effective

3.5.2 How is your relationship with other ethnic/tribes in your community?

- | | | | |
|---------|---------|------------------|---------------------|
| a. Good | b. Fair | c. Some problems | d. Serious problems |
|---------|---------|------------------|---------------------|

3.5.5 In what way have those problems been solved?

a. Land conflict

- a-1 Mediation/settlement by authority
- a-2 Traditional way of settling by community leader
- a-3 Reconciliation by conflicting parties
- a-4 Other ways

(Elaborate:

_____)

b. Business conflict

- b-1 Mediation/settlement by authority
- b-2 Traditional way of settling by community leader
- b-3 Reconciliation by conflicting parties
- b-4 Other ways

(Elaborate:

_____)

c. Ethnic conflict

- c-1 Mediation/settlement by authority
- c-2 Traditional way of settling by community leader
- c-3 Reconciliation by conflicting parties
- c-4 Other ways

(Elaborate:

_____)

d. Other problems (Specify: _____)

- d-1 Mediation/settlement by authority
- d-2 Traditional way of settling by community leader
- d-3 Reconciliation by conflicting parties
- d-4 Other ways

(Elaborate:

_____)

3.6.3 Was he/she working before?

a. Yes	b. No
--------	-------

3.6.4 If “yes”, what type of work did he/she have?

a. Wages and salaries b. Own business enterprises c. Vending on street or at market d. Property income e. Crop farming f. Animal husbandry g. Other: Please indicate
--

3.6.5 Where was he/she working?

a. Malakal Town b. Upper Nile State c. Other State d. Khartoum e. Other places
--

4.2.2 If you did not go to school or had to leave the school before completing it, why?
You can choose more than one.

a. Completed desired level b. Needed work/money c. No Uniform d. Lack of transportation e. School was located too far f. Quality of school was poor g. Orphaned h. Illness i. Pregnancy j. Got married k. School not important l. Too old m. Disability

- n. Take care of my parents / relatives who were sick
 o. Other, specify.....

3. Health Sector

5.1 Type of health problems:

Are you or your household member suffering from any health problems/diseases or have you ever suffered from any health problems/diseases? (You can choose more than one.)

- a. Diarrhea
 b. Malaria
 c. Parasites
 d. Respiratory problems
 e. Others (Please specify _____)

5.2 Access to health service facilities:

What type of health care facility do the members of your family visit most often when he/she is sick?

- a. Primary health care unit
 b. Primary health care center
 c. Public hospital
 d. Private hospital/clinic
 e. Pharmacy/drug store
 f. Other (Please specify: _____)

5.3 Cost of health care:

5.3.1 Do you pay for your health care when you go to the above health facility? Please indicate the name of health facility and choose "Free" or "Paid".

Name of health facility you/family member visit	a. Free	b. Paid
1.		
2.		
3.		

5.3.2 If you answer "Paid", please indicate the total amount paid by your family in the last 12 months.

S.S. Pounds: _____ in the last 12 months

5.4 Distance to reach the medical facility:

Please indicate the distance to the medical facility the members of your household visit.

Facility Name	a.Less	b. 15-30	c.30 min	d.1 hour	e.More
---------------	--------	----------	----------	----------	--------

	than 15 min	min.	- 1 hour	-2 hours	than 2 hours
1					
2					
3					

5.5 Alternative to the health facilities:

If the members of the household do not visit any of the above health service facilities, what is the type of medical help you seek when you/your household member are sick?

- | |
|--|
| <p>a. Religious healer
 b. Witch doctor
 c. Traditional healer
 d. Relative/friend/neighbor
 e. Other (Please specify: _____)</p> |
|--|

5.6 Satisfaction and problems

5.6.1 How do you and your household member feel about current health service? (Choose one)

a	b	c	d	e
Very much satisfied	Satisfied	Fair	Dissatisfied	Very much dissatisfied

5.6.2 Type of problems with health service:

What kind of problems do you have with regard to health services? You can choose more than one.

- | |
|--|
| <p>a. The health service is too expensive for the livelihood
 b. The health facilities are not located close to the household.
 c. The health service are not adequate
 d. The health service is not reliable
 e. The health service is poor.
 f. Other (Please specify: _____)</p> |
|--|

4. Needs for Development

10.1 Which of the following factors makes the life of your household members difficult most. Select three factors.

- a. Limited job opportunities
- b. Social problems like ethnic confrontation and bad law and order
- c. Insecure status in land ownership and land rent
- d. Limited opportunities for education
- e. Limited access to health services
- f. Limited access to safe and adequate water
- g. Poor sanitation condition
- h. Poor road condition
- i. Poor transportation services
- j. Limited access to electricity
- k. Flooding
- l. Other Specify _____

10.2 Which of the following measures would improve the life of your household members most? List the most important three factors and give them priority. E.g. Priority number 1 water, Number 2 electricity and so on.

- a. Vocational training
- b. Enhanced financial services
- c. Increase in job opportunities
- d. Reduction of social problems
- e. Security in land title and land use
- f. Easier access to education
- g. Improvement access to health services
- h. Easier access to safe and adequate water
- i. Improvement in sanitation condition
- j. Improvement of road condition
- k. Improvement of transportation services
- l. Improvement in electricity supply
- m. Reduction of flooding
- n. Other (Specify. _____)

5. Questions to Farming Households

11.1 What is the land area where you are farming?

_____ Fadan* local unit (hectare = ?? Fadan)

converted _____ hectares

11.2 What crops are you growing?

- a. Cereals (Specify _____)
- b. Vegetables (Specify _____)
- c. Fruits (Specify _____)
- d. Potatoes (Specify _____)
- e. Other (Specify _____)

11.3 Are you watering the crops?

- a. No, depend on rain water only.
- b. Yes, we water the crops by fetching water from the Nile River.
- c. Other (Specify _____)

5.4 Are you utilizing fertilizer?

- a. No, we do not use fertilizer.
- b. Yes, we use fertilizer, but only sometimes.
- c. Yes, we use fertilizer always.
- d. Other (Specify _____)

If “a. no” or “b. only sometimes”, why do you not use fertilizer always?

- a. Fertilizer is not available at the market.
- b. Fertilizer is too expensive.
- c. Soil is good enough, so we do not need fertilizer.
- d. Other (Specify _____)

6. To All Interviewees

What kind of Malakal Town would you like to see in 10 years?

Any other comments are welcome.

Thankyouverymuch!

Ministry of Physical Infrastructure & Rural Development, UNS and Japan International Cooperation Agency

MARKET SURVEY

SECTION 1: IDENTIFICATION

Name of Payam		
Name of Boma		
Name of Market		Coordinates for Clustering
Name of Business Person		
Enumerator's Name		
Observe the origin of the Business person	(i) Ethiopian (ii) South Sudanese (iii) Ugandan (iv) Kenyan (v) Sudanese (v) Others specify.....	
Date of Interview		
Time Interview Started		
Time Interview Ended		

Supervisors Name

Signature.....

The questions in this survey are to be administered to the Business community

Market identification

Name and exact location of market: within the Payam, Boma etc.

NATURE OF BUSINESS & VOLUME

101. What business are you in?

- | | | |
|-----------------------------------|---|--|
| 1) Food products | 4) Construction | f) Human health (chemist, pharmacy, hospital and conventional medicine) |
| a) Food product shop | a) Hardware | g) Judicial issues |
| b) Cereals | b) building construction | h) Land issues |
| c) Fresh Fruits | c) roads | 7) Leisure and recreation |
| d) Vegetables | d) electrical appliance shop | a) Bars and restaurants |
| e) Tubers | 5) housing and other social amenities | b) Night clubs |
| 2) Transport and storage | a) real estate | c) Pool tables |
| a) Petrol stations | b) water vendors | d) Smoking zones (round table type) |
| b) Public service vehicles | c) plumber | e) Swimming pool |
| c) Motorcycles | d) electrician | f) Gym |
| d) Pull carts | e) hotel and accommodation | 8) Beauty and decency |
| e) Trucks | 6) Professional and scientific | a) Salon |
| 3) Finance and insurance | a) Agriculture and livestock (agro vets) | b) Beauty & cosmetic shop |
| a) Banks | b) Social issues | c) Barber shop |
| b) Insurance company | c) Information technology (computer services) | |
| c) Mobile network provider agents | | |
| d) Forex bureau | | |

102. When did you start this business? Year

- (a) Before the CPA (b) After the CPA (c) 2 years ago (d) this year..... (e) I don't know

103. Who owns the business premises (building)

- (a) Business Operator (personal) (b) Rented (c) Cooperative (d) Government (e) others specify

Observe Physical Structure and observe (good, new, old?).....

104. How is the business ownership?

- (a) Individual (b) A group (c) Family (d) A limited Company (e) cooperative (f) community (g) Others specify.....

101. Is the business registered? (a) Legal affairs and constitution, (b) local government (c) ministry of health (d) Others

102. If cooperative; what is its name?.....

103. How many employees work in the business?

- (a) 0 -10 (b) 11 – 20 (c) 21 – 30 (d) 31 – 40 (f) more than 40

- 104.** How is your business sales level likely to change in the next 6 months?
(a) Improve marginally (b) Improve steadily (c) slightly worsen (d) Steadily Worsen
(e) I don't know
- Explain**
.....
.....
- 105.** What is your current business capital?
(a) Below 10,000 SSP (b) 10,000 – 50,000/= SSP (c) 50,001 – 100,000/= SSP
(d) 100,001 – 150,000/= SSP (e) 150,001 – 200,000 SSP (f) 200,001 – 250,000/= SSP
(g) 250,001 – 300,000 SSP (h) Above 300,000/=; (I) Otherwise specify.....
- 110.** How is the level of annual sales for this year likely to be compared to last year?
(a) Expected to be the same (b) likely to increase moderately (c) likely to increase drastically
(d) Likely to decrease moderately (e) likely to decrease drastically (f) I don't Know
Why?
- 111.** How are the commodities price levels at the moment compared to 2 months ago?
(a) Been the Same (b) Moderately Increasing (c) Drastically Increasing (d) Decreasing (e) I don't Know
- 120.** Have you applied for bank loan for the business?
(a) Yes (b) No
- 121.** If yes; what was the loan for?
(a) Increase capital (b) Purchase equipment (c) Purchase machinery (d) Revive the business
(e) other reasons specify.....
- 122.** If Yes did the bank grant/give you the loan? (a) Yes (b) No
- 123.** If they declined/refuse; what reasons were you given?
(a) Registrations requirement (b) not covered (c) Absence of security (d) reasons not given
(e) Other reasons specify
- 130.** Where do you get the goods and commodities sold in your business?
(a) Juba (b) Ethiopia (c) Khartoum (d) others specify?.....
- 131.** By what means are the goods and commodities delivered?
(a) By air (b) By the Nile (c) By road (d) otherwise specify.....

132. What industries is a priority in Malakal Town?
(a) Food Processing (b) Manufacturing (c) Mining (e) others specify
133. Malakal town and its environment have the market available enough to sustain and justify the establishment of industries in Malakal town? What do you think?
(a) Strongly agree (b) Agree (c) Disagree (d) Strongly disagree (e) I don't Know

Profitability

134. How is the business profits today compared to last year at the same period?
(a) Same as last year (b) Increasing slowly (c) Increasing fast (d) Decreasing slowly
Decreasing very fast (e) I don't know

Challenges, Malpractices and Corruption

140. Have you been asked for a bribe in the last 6 months?
(a) Agree (b) Disagree (c) Don't know
141. Have you experienced any theft on the business materials and or goods in the last 6 months?
(a) Rarely (b) a few cases (c) often (d) every day
142. Have you been a victim of crime in the last 6 months in the town?
(a) Never (b) rarely (c) a few cases (d) often (e) every day
143. What are the main challenges facing businesses in Malakal? (Many responses are OK)
- | | | |
|---|---|--------------------|
| a) Transport costs too high | e) Poor road networks | (g) Others specify |
| b) Inaccessibility to the goods and commodities | (f) Many taxes | |
| c) Absence of financial institutions | (i) Costly cooling preservative devices | |
| d) High corruption levels | (ii) Language barrier | |
144. In what ways can the Government and its partners promote business growth?
- i.
 - ii.
 - iii.
 - iv.
 - v.
 - vi.

ATTACHMENT IV

Code References

Code Reference - Household Survey

List of variables on the working file

Name (Position) Label

q100 (1) Questionnaire id

Q101 (2) Name of Payam

Value	Label
2	Assossa
3	Assossa
4	Central Payam
5	Dengershufu
6	Hai Jallaba
7	Hai Muderia
8	Hai Malakia
9	Hai Tenmia
10	Jallaba
11	North Payam
12	Thorat Jallaba
13	South Payam
14	Taraima(?)
15	Terawa

Q102 (3) Name of Boma

Q104 (4) Ethnic group

Q201M1 (5) Number of male

Q201F1 (6) Number of female

Q201N1 (7) Total number of persons

Q201M2 (8) Number of male

Q201F2 (9) Number of female

Q201N2 (10) Total number of persons

Q201M3 (11) Number of male

Q201F3 (12) Number of female

Q201N3 (13) Total number of persons

Q201M4 (14) Number of male

Q201F4 (15) Number of female

Q201N4 (16) Total number of persons

Q201M5 (17) Number of male

Q201F5 (18) Number of female

Q201N5 (19) Total number of persons

Q201M6 (20) Number of male

Q201F6 (21) Number of female

Q201N6 (22) Total number of persons

Q201M7 (23) Number of male

Q201F7 (24) Number of female

Q201N7 (25) Total number of persons

- Q201M8 (26) Number of male
 Q201F8 (27) Number of female
 Q201N8 (28) Total number of persons
 Q201M9 (29) Number of male
 Q201F9 (30) Number of female
 Q201N9 (31) Total number of persons
 Q201M10 (32) Number of male
 Q201F10 (33) Number of female
 Q201N10 (34) Total number of persons
 Q201M11 (35) Number of male
 Q201F11 (36) Number of female
 Q201N11 (37) Total number of persons
 Q201M12 (38) Number of male
 Q201F12 (39) Number of female
 Q201N12 (40) Total number of persons
 Q202 (41) Land property ownership status of your household

Value	Label
1	Household owned
2	Community owned
3	Leased land
4	Rented
5	Free
6	others

- Q203 (42) What is the house ownership in your house
 Measurement Level: Scale

Value	Label
1	Self owned
2	Rented
3	Free
4	Others

- Q204 (43) The length of stay at your household in this place

Value	Label
1	Less than 1 year
2	1-2 years
3	2-5 years
4	5-10 years
5	15-20 years
6	More than 20 years

- Q205 (44) Type of your dwelling

Value	Label
1	Incomplete
2	Complete
3	Permanent
4	Semi permanent
5	Temporary
6	One floor
7	Multi floor
8	Apartment

- Q206 (45) What is a material of your dwelling

Value	Label
1	Wood
2	Brick

- 3 Concrete
- 4 Mud
- 5 Tukul/Gottysticks
- 6 Straw mats
- 7 Tent

Q207 (46) How many rooms are there in your dwelling

Value Label

- 1 1 room
- 2 2 rooms
- 3 3 rooms
- 4 4 rooms
- 5 more than 4 rooms

Q208 (47) How does your household feel about current household?

Value Label

- 1 Very much satisfied
- 2 Satisfied
- 3 Neutral
- 4 Dissatisfied
- 5 Very much dissatisfied

- Q209_1 (48) Rent for the land is too high
- Q209_2 (49) Acquiring a a land is difficult
- Q209_3 (50) Rates for house is too high
- Q209_4 (51) House is too small
- Q209_5 (52) House materials is too expensive
- Q210_1 (53) Primary school
- Q210_2 (54) Secondary school
- Q210_3 (55) Medical facilities/clinic
- Q210_4 (56) Govermental offices
- Q210_5 (57) Religious building
- Q210_6 (58) Water facilities
- Q210_7 (59) Port
- Q210_8 (60) Market
- Q210_9 (61) Factory
- Q210_10 (62) Shop
- Q210_11 (63) Others

Q211 (64) What makes it difficult to live in your boma?

Value Label

- 1 Flooding
- 2 No electricity
- 3 No water
- 4 Violence in the neighborhood/ethnic clashes
- 5 No shelter
- 6 No medical facilities
- 7 No job/source of income
- 8 No early childhood centre
- 9 No primary school
- 10 No secondary school

Q212 (65) What do you need most in your boma?

Value Label

- 1 Water
- 2 Electricity

- 3 Paved road
- 4 School
- 5 Medical facility
- 6 Shops
- 7 Religious facilities
- 8 Police post
- 9 others

Q301 (66) what are you considered in the place you are currently living?

- | Value | Label |
|-------|------------------------------|
| 1 | Ex refugee |
| 2 | Refugee |
| 3 | Returnee |
| 4 | Internally displaced persons |
| 5 | Original resident |

Q302 (67) where did you live before?

- | Value | Label |
|-------|--|
| 1 | South Sudan upper Nile state Makal county but different comm |
| 2 | South Sudan Upper Nile State |
| 3 | South Sudan |
| 4 | Sudan Khartoum |
| 5 | Sudan |
| 6 | Ethiopia |
| 7 | Kenya |

Q303 (68) where were you born?

Q304 (69) Why did you decide to live in this community?

- | Value | Label |
|-------|--|
| 1 | We have received an assistant from the government |
| 2 | We have received an assistant from relatives |
| 3 | we have received an assistance from the people of the same e |

Q305 (70) In your (Boma) community do you live in with other ethnic groups?

- | Value | Label |
|-------|-------|
| 1 | Yes |
| 2 | No |

Q306 (71) Have you ever had an ethnical confrontation in your Boma community?

- | Value | Label |
|-------|-------|
| 1 | Yes |
| 2 | No |

Q401 (72)

In your household is there any young employeable person who is not working?

- | Value | Label |
|-------|-------|
| 1 | Yes |
| 2 | No |

Q402_1 (73) He has tried to find a work but he did not get it

Q402_2 (74) He does not speak English

- Q402_3 (75) He has no working experience
Q402_4 (76) Salary is too low
Q402_5 (77) He does not know anybody
Q402_6 (78) Low education level
Q402_7 (79) Has no specific skills in any area
Q402_8 (80) Other
Q403 (81) In your community are there any security problems

Value	Label
1	Yes
2	No

- Q404_1 (82) Robbery
Measurement Level: Scale
Column Width: 8 Alignment: Right
Print Format: F8
Write Format: F8
- Q404_2 (83) Extortion /demand money
Measurement Level: Scale
Column Width: 8 Alignment: Right
Print Format: F8
Write Format: F8
- Q404_3 (84) Military recruitment of young population
Measurement Level: Scale
Column Width: 8 Alignment: Right
Print Format: F8
Write Format: F8
- Q404_4 (85) Land conflict
Q404_5 (86) Ethnic tribal conflict
Q404_6 (87) Inter-clan conflicts
Q404_7 (88) Business conflict
Q404_8 (89) Mine
Q404_9 (90) Others
- Q405_1 (91) Crop farming
Q405_2 (92) Animal husbandry (livestock sales milk sales)
Q405_3 (93) Wages and salaries/employed
Q405_4 (94) owned business enterprises
Q405_5 (95) Property income
Q405_6 (96) Remittance (money from relatives abroad)
Q405_7 (97) Pension
Q405_8 (98) Fishing
Q405_9 (99) Brick making
Q405_10 (100) Blacksmith (spear axes etc
Q405_11 (101) Charcoal burning
Q405_12 (102) Fetching water for sale
Q405_13 (103) Collection and sale of fire wood
Q405_14 (104) Aid
Q405_15 (105) Others

Q406 (106) What is the average monthly income of your household?

Value	Label
1	500 below SSP
2	500-1000 ssp
3	1000-5000 ssp
4	5000-10000 ssp
5	More than 10000

Q407_1 (107) Food
Q407_2 (108) Education
Q407_3 (109) Health
Q407_4 (110) Clothing
Q407_5 (111) Utilities
Q407_6 (112) Transportation
Q407_7 (113) Personal care
Q407_8 (114) Housing
Q407_9 (115) Recreation
Q407_10 (116) Other

Q408_1 (117) Television/satelite dish
Q408_2 (118) Radio/transistor
Q408_3 (119) Phone
Q408_4 (120) Computer
Q408_5 (121) Refrigerator
Q408_6 (122) Fan
Q408_7 (123) Air conditioner
Q408_8 (124) Pair of shoes
Q408_9 (125) Blanket
Q408_10 (126) Mosquito net

Q409 (127) Have you ever borrowed money from the bank or financial institution?

Value	Label
1	Yes
2	No

Q410 (128) if yes which one do you use?

Value	Label
1	Bank
2	Microfinance institution
3	Traditional system
4	Other

Q411 (129) Have ever borrowed money from the bank or financial institution?

Value	Label
1	Yes
2	No

Q412_1 (130) Consumption needs
Q412_2 (131) Purchase of improvement of dwelling
Q412_3 (132) Others business expense
Q412_4 (133) Education of children
Q412_5 (134) Health care for family
Q412_6 (135) Others

Q413_1 (136) Do not like to be in debt
Q413_2 (137) Do not know any lender
Q413_3 (138) No financial institution to borrow from

Q413_4 (139) No knowledge on where and how to borrow
Q413_5 (140) No need
Q413_6 (141) Other
Q414 (142) How does your household feel about current economic situation?

Value	Label
1	Very much satisfied
2	Satisfied
3	Neutral
4	Dissatisfied
5	very much dissatisfied

q415_1 (143) Household does not have adequate income for basic needs
q415_2 (144) Household manages to cover the basic needs but nothing else
q415_3 (145) Inflation rate is high
q415_4 (146) There is no opportunity for job
q415_5 (147) There is no renders
q415_6 (148) Limited livelihood alternatives
q415_7 (149) Others

Q501 (150) What is your native language?

Q502_1S (151) Speak
Value Label

1	Good
2	Not good

Q502_1W (152) Write
Value Label

1	Good
2	Not good

Q502_2S (153) Speak
Value Label

1	Good
2	Not good

Q502_2W (154) Write
Value Label

1	Good
2	Not good

Q502_3S (155) Speak
Value Label

1	Good
2	Not good

Q502_3W (156) Write
Value Label

1	Good
2	Not good

Q503 (157) Head
Value Label

1	Never been to school
2	P.S not finished
3	P.S finished

- 4 S.S not finished
- 5 S.S finished
- 6 Post sec not finished
- 7 Post sec finished
- 8 Univ. not finished
- 9 Univ. finished

Q504 (158)

What is your ability to read and write with understanding a simple sentence in English?

- | Value | Label |
|-------|----------------|
| 1 | Very easy |
| 2 | easy |
| 3 | Not easy |
| 4 | Difficult |
| 5 | Very difficult |

Q505 (159) Have you ever attended any sort of vocational training?

- | Value | Label |
|-------|-------|
| 1 | Yes |
| 2 | No |

Q506 (160) If yes which one have you attended?

- | Value | Label |
|-------|--------------------|
| 1 | Carpentry |
| 2 | Brick laying |
| 3 | Computer science |
| 4 | Motor mechanics |
| 5 | Electric |
| 6 | Catering |
| 7 | Sewing tailoring |
| 8 | Nursing /first aid |
| 9 | Others |

Q507_1 (161) Primary school

- | Value | Label |
|-------|----------------------|
| 1 | Less than 15 minutes |
| 2 | 15-30 min |
| 3 | 30-45 min |
| 4 | 45-one hour |
| 5 | More than 1 hour |

Q507_2 (162) Secondary school

- | Value | Label |
|-------|----------------------|
| 1 | Less than 15 minutes |
| 2 | 15-30 min |
| 3 | 30-45 min |
| 4 | 45-one hour |
| 5 | More than 1 hour |

Q507_3 (163) Post secondary school

- | Value | Label |
|-------|----------------------|
| 1 | Less than 15 minutes |
| 2 | 15-30 min |
| 3 | 30-45 min |

4 45-one hour
5 More than 1 hour

Q507_4 (164) University
Value Label

1 Less than 15 minutes
2 15-30 min
3 30-45 min
4 45-one hour
5 More than 1 hour

Q508 (165) How does your household feel about current educational services?
Value Label

1 Very much satisfied
2 Satisfied
3 Neutral
4 Dissatisfied
5 very much dissatisfied

Q509_1 (166) Education is expensive
Q509_2 (167) Education facility is far
Q509_3 (168) No time to go to school because i have to work
Q509_4 (169) my family does not agree that i go to school
Q509_5 (170) Unavailability of adequate trained teachers
Q509_6 (171) Sickness disability
Q509_7 (172) Cultural hindrances
Q509_8 (173) Others

Q601_1 (174) Paved good road
Q601_2 (175) Paved road
Q601_3 (176) Unpaved road with bumps
Q601_4 (177) Dusty and unpaved road
Q601_5 (178) Road with wide ditch
Q601_6 (179) Road with narrow ditch
Q601_7 (180) Road with no ditch
Q601_8 (181) The road gets muddy when it rains
Q601_9 (182) The road is flooded when it rains
Q601_10 (183) Others

Q602_1 (184) bus/public
Q602_2 (185) Taxi
Q602_3 (186) Motorbike
Q602_4 (187) Bicycle
Q602_5 (188) Auto rickshaw
Q602_6 (189) Donkey/horse cat
Q602_7 (190) Boat
Q602_8 (191) walking
Q602_9 (192) Others

Q603 (193) What is the average monthly expenditure on transportation?

Value	Label
1	ssp 100
2	ssp 200
3	ssp 300
4	ssp 400
5	ssp 500
6	more than ssp 500

Q604 (194) How does your household feel about current road and transportation?

Value	Label
1	Very much satisfied
2	satisfied
3	Neutral
4	Dissatisfied
5	very much dissatisfied

Q605_1 (195) The road is very dusty

Q605_2 (196) The road is not adequate for transportation

Q605_3 (197) The road is not adequate for walking

Q605_4 (198) Road has many holes and potholes

Q605_5 (199) The roads flood when it rains

Q605_6 (200) The road is too dirty with the garbage

Q605_7 (201) Other

Q606_1 (202) Transportation cost is high

Q606_2 (203) Public transportation is congested

Q606_3 (204) Public transportation is not sufficient

Q606_4 (205) The frequency is not enough

Q606_5 (206) Public transportation is not adequate is dangerous

Q606_6 (207) Other

Q701A_1 (208) Wood and wood fuel

Value	Label
1	Yes
2	No

Q701B_1 (209) Kerosene

Value	Label
1	Yes
2	No

Q701C_1 (210) electricity grid power

Value	Label
1	Yes
2	No

Q701E_1 (211) Electricity battery

Value	Label
1	Yes
2	No

Q701F_1 (212) Others

Value	Label
1	Yes
2	No

Q701A_2 (213) Wood and wood fuel

Value	Label
1	Yes
2	No

Q701B_2	(214)	Kerosene
	Value	Label
	1	Yes
	2	No
Q701C_2	(215)	electricity grid power
	Value	Label
	1	Yes
	2	No
Q701E_2	(216)	Electricity battery
	Value	Label
	1	Yes
	2	No
Q701F_2	(217)	Others
	Value	Label
	1	Yes
	2	No
Q701A_3	(218)	Wood and wood fuel
	Value	Label
	1	Yes
	2	No
Q701B_3	(219)	Kerosene
	Value	Label
	1	Yes
	2	No
Q701C_3	(220)	electricity grid power
	Value	Label
	1	Yes
	2	No
Q701E_3	(221)	Electricity battery
	Value	Label
	1	Yes
	2	No
Q701F_3	(222)	Others
	Value	Label
	1	Yes
	2	No
Q701A_4	(223)	Wood and wood fuel
	Value	Label
	1	Yes
	2	No
Q701B_4	(224)	Kerosene

	Value	Label
	1	Yes
	2	No
Q701C_4 (225) electricity grid power		
	Value	Label
	1	Yes
	2	No
Q701E_4 (226) Electricity battery		
	Value	Label
	1	Yes
	2	No
Q701F_4 (227) Others		
	Value	Label
	1	Yes
	2	No
Q701A_5 (228) Wood and wood fuel		
	Value	Label
	1	Yes
	2	No
Q701B_5 (229) Kerosene		
	Value	Label
	1	Yes
	2	No
Q701C_5 (230) electricity grid power		
	Value	Label
	1	Yes
	2	No
Q701E_5 (231) Electricity battery		
	Value	Label
	1	Yes
	2	No
Q701F_5 (232) Others		
	Value	Label
	1	Yes
	2	No
Q702_1 (233) Private company services		
	Value	Label
	1	Yes
	2	No
Q702_2 (234) Self power generation		
	Value	Label

- 1 Yes
- 2 No

Q702_3 (235) Administrative power generation services
Value Label

- 1 Yes
- 2 No

Q702_4 (236) Community based power generation services
Value Label

- 1 Yes
- 2 No

Q702_5 (237) Others
Value Label

- 1 Yes
- 2 No

Q703 (238)

How often does black out happen for your family in case of electricity?
Measurement Level: Scale
Value Label

- 1 Less than once
- 2 Once a day
- 3 Twice a day
- 4 Three times a day
- 5 Four times a day
- 6 More than four times a day

Q7041_1 (239) Private company services
Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month
- 5 50 ssp a month
- 6 More than 50 ssp a month

Q7041_2 (240) Self power generation
Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month
- 5 50 ssp a month
- 6 More than 50 ssp a month

Q7041_3 (241) administrative power generation services
Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month

- 5 50 ssp a month
- 6 More than 50 ssp a month

Q7041_4 (242) community based power generation
Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month
- 5 50 ssp a month
- 6 More than 50 ssp a month

Q7041_5 (243) Others

- | Value | Label |
|-------|--------------------------|
| 1 | No money spent |
| 2 | 20 ssp a month |
| 3 | 30 ssp a month |
| 4 | 40 ssp a month |
| 5 | 50 ssp a month |
| 6 | More than 50 ssp a month |

Q7042 (244) Wood and wood fuel cost
Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month
- 5 50 ssp a month
- 6 More than 50 ssp a month

Q7043 (245) Kerosene

- | Value | Label |
|-------|--------------------------|
| 1 | No money spent |
| 2 | 20 ssp a month |
| 3 | 30 ssp a month |
| 4 | 40 ssp a month |
| 5 | 50 ssp a month |
| 6 | More than 50 ssp a month |

Q7044 (246) Electricity battery

- | Value | Label |
|-------|--------------------------|
| 1 | No money spent |
| 2 | 20 ssp a month |
| 3 | 30 ssp a month |
| 4 | 40 ssp a month |
| 5 | 50 ssp a month |
| 6 | More than 50 ssp a month |

Q7045 (247) Other

- | Value | Label |
|-------|--------------------------|
| 1 | No money spent |
| 2 | 20 ssp a month |
| 3 | 30 ssp a month |
| 4 | 40 ssp a month |
| 5 | 50 ssp a month |
| 6 | More than 50 ssp a month |

Q7046 (248) Sufficient

Value	Label
1	Very much satisfied
2	Satisfied
3	Neutral
4	Dissatisfied
5	Very much dissatisfied

Q705_1 (249) Energy cost is too high for livelihood

Q705_2 (250) Energy source is unstable

Q705_3 (251) Electricity services is not available

Q705_4 (252) Electricity supply services fee is too much for livelihood

Q705_5 (253) Others

Q801_1 (254) SSUWC

Value	Label
1	Yes
2	No

Q801_2 (255) Upper Nile State Gov

Value	Label
1	Yes
2	No

Q801_3 (256) NGO

Value	Label
1	Yes
2	No

Q801_4 (257) Private merchant donkeys

Value	Label
1	Yes
2	No

Q801_5 (258) Personal borehole harvested rain water

Value	Label
1	Yes
2	No

Q802_1 (259) Cart and truck

Q802_2 (260) Water truck

Q802_3 (261) Running water

Q802_4 (262) Public taps

Q802_5 (263) Pipe borne in yard

Q802_6 (264) Pipe borne in house

Q802_7 (265) Public hand pump (well)

Q802_8 (266) Hand pump in yard (well)

Q803A_1 (267) SSUWC

Value	Label
1	Yes
2	No

Q803A_2 (268) Upper Nile state Gov.
Value Label

- 1 Yes
- 2 No

Q803A_3 (269) NGO
Value Label

- 1 Yes
- 2 No

Q803A_4 (270) Private merchant donkeys
Value Label

- 1 Yes
- 2 No

Q803A_5 (271) Personal borehole harvested rain water
Value Label

- 1 Yes
- 2 No

Q803B_1 (272) Cart and truck

Q803B_2 (273) Water truck

Q803B_3 (274) Running water

Q803B_4 (275) Public taps

Q803B_5 (276) Pipe borne in yard

Q803B_6 (277) Pipe borne in house

Q803B_7 (278) Public hand pump (well)

Q803B_8 (279) Hand pump in yard (well)

Q803B_9 (280) Others

Q804 (281)

How much water is your family using per day for drinking cooking shower?

Value Label

- 1 Less than 20l a day
- 2 20l a day
- 3 40l a day
- 4 60l a day
- 5 80l a day
- 6 More than 80l a day

Q805 (282) How often does your family go to water points to fetch water a day?

Value Label

- 1 Less than once
- 2 Once a day
- 3 Twice a day
- 4 Three times a day
- 5 Four times a day
- 6 More than four times a day

Q806_1 (283) water

Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month

- 5 50 ssp a month
- 6 More than 50 ssp a month

Q806_2 (284) Transport cost to fetch water
Value Label

- 1 No money spent
- 2 20 ssp a month
- 3 30 ssp a month
- 4 40 ssp a month
- 5 50 ssp a month
- 6 More than 50 ssp a month

Q806_3 (285) Sufficiency
Value Label

- 1 Very much satisfied
- 2 Satisfied
- 3 Neutral
- 4 Dissatisfied
- 5 Very much dissatisfied

- Q807_1 (286) Available of water is not clean enough for drinking and cooking
- Q807_2 (287) The distance between house and water point is too far
- Q807_3 (288) Available water volume is too little
- Q807_4 (289) Water supply is unstable
- Q807_5 (290) Water price is too much for livelihood
- Q807_6 (291) The cost for water fetching is too much
- Q807_7 (292) Time spent for water fetching is too much
- Q807_8 (293) The work to fetch water is too hard for the family member
- Q807_9 (294) Others

Q808_1 (295) Water pressure in case of piped water
Value Label

- 1 satisfied
- 2 Neutral
- 3 Dissatisfied

Q808_2 (296) Quality of water flow in case of piped water
Value Label

- 1 satisfied
- 2 Neutral
- 3 Dissatisfied

Q808_3 (297) Intermittent supply in case of piped water
Value Label

- 1 satisfied
- 2 Neutral
- 3 Dissatisfied

Q808_4 (298) Leakage in case of piped water
Value Label

- 1 Much
- 2 A little
- 3 Nil

Q808_5 (299) Water quality in any case
Value Label

- 1 satisfied
- 2 Neutral
- 3 Dissatisfied

Q808_6 (300) Poor service in any cases

Value Label

- 1 Yes
- 2 No
- 3 Neither

Q808_7 (301) Tariff in any case

Value Label

- 1 Very high
- 2 High
- 3 Acceptable
- 4 Cheap
- 5 Very cheap

Q808_8 (302) Fetching water in any case

Value Label

- 1 Very hard
- 2 Hard
- 3 Easy
- 4 very easy

Q810_1 (303) SSUWC

Value Label

- 1 Paid
- 2 Not paid

Q810_2 (304) Upper Nile state Gov

Value Label

- 1 Paid
- 2 Not paid

Q810_3 (305) NGO

Value Label

- 1 Paid
- 2 Not paid

Q810_4 (306) Private(merchant)

Value Label

- 1 Paid
- 2 Not paid

Q810_5 (307) Other

Value Label

- 1 Paid
- 2 Not paid

Q811A1 (308) Public toilet

	Value	Label
	1	Yes
	2	No
Q811B1 (309) If yes answer		
	Value	Label
	1	A flush toilet
	2	Not flush toilet
Q811A2 (310) Private toilet in the yard		
	Value	Label
	1	Yes
	2	No
Q811B2 (311) If yes answer		
	Value	Label
	1	A flush toilet
	2	Not flush toilet
Q811A3 (312) Private toilet within house		
	Value	Label
	1	Yes
	2	No
Q811B3 (313) If yes answer		
	Value	Label
	1	A flush toilet
	2	Not flush toilet
Q811A4 (314) Open defecation		
	Value	Label
	1	Yes
	2	No
Q811B4 (315) If yes answer		
	Value	Label
	1	A flush toilet
	2	Not flush toilet
Q812A (316) Name of organization		
Q812B (317) How much does your family pay for public toilet?		
	Value	Label
	1	No money spent
	2	10 ssp a month
	3	20 ssp
	4	30 ssp a month
	5	40 ssp a month
	6	More than 40 ssp a month
Q813 (318) Incase of flash toilet		
	Value	Label

- 1 Well
- 2 Piped water
- 3 Others

q814_1 (319) On-site septic tank

Value Label

- 1 Yes
- 2 No

q814_2 (320) On-site vault only

Value Label

- 1 Yes
- 2 No

q814_3 (321) On-site vault and soak

Value Label

- 1 Yes
- 2 No

q814_4 (322) Off-site connection with sewer pipe

Value Label

- 1 Yes
- 2 No

Q815 (323) How often does your family withdraw clean treatment facility a year?

Value Label

- 1 Less than once
- 2 Once a day
- 3 Twice a year
- 4 Three times a year
- 5 Four times a year
- 6 More than four time a year

Q816A (324)

How does your family spent money to dispose sewerage a month on the average?

Value Label

- 1 No money spent
- 2 10 ssp a month
- 3 20 ssp
- 4 30 ssp a month
- 5 40 ssp a month
- 6 More than 40 ssp a month

Q816B (325) In case on site sanitation

Value Label

- 1 No money spent
- 2 10 ssp amonth
- 3 20 ssp
- 4 30 ssp a month
- 5 40 ssp amonth
- 6 More than 40 ssp a month

Q817 (326) How does your family feel current sanitation condition?

Value	Label
1	Very much satisfied
2	Satisfied
3	Neutral
4	Dissatisfied
5	Very much dissatisfied

Q818_1 (327) The distance between house and toilet is too far

Q818_2 (328) Available water volume for flush toilet is too little and unsatble

Q901A_1 -> (Not asked)

Q901A_2 (329) Pet bottles /clothe/ fabrics

Q901A_3 (330) Glass bottles

Q901A_5 (331) Polythene bags / clothes

Q901A_6 (332) Wooden goods

Q901A_7 (333) Metallic material

Q901A_8 (334) Animal waste

Q901A_9 (335) Other

Q901B (336) Availability of garbage collection service

Value	Label
1	Yes
2	No

Q902A_1 (337) Utilization

Value	Label
1	Yes
2	No

Q902B_1 (338)

Place of dumbering garbage (put the number in use from the list shown below)

Q902C_1 (339) Assorted garbage collection

Value	Label
1	Yes
2	No

Q902A_2 (340) Utilization

Value	Label
1	Yes
2	No

Q902B_2 (341)

Place of dumbering garbage (put the number in use from the list shown below)

Q902C_2 (342) Assorted garbage collection

Value	Label
1	Yes
2	No

Q902A_3 (343) Utilization

Value	Label
1	Yes
2	No

Q902B_3 (344)
Place of dumbering garbage (put the number in use from the list shown below)

Q902C_3 (345)	Assorted garbage collection
Value	Label
1	Yes
2	No

Q902A_4 (346)	Utilization
Value	Label
1	Yes
2	No

Q902B_4 (347)
Place of dumbering garbage (put the number in use from the list shown below)

Q902C_4 (348)	Assorted garbage collection
Value	Label
1	Yes
2	No

Q902A_5 (349)	Utilization
Value	Label
1	Yes
2	No

Q902B_5 (350)
Place of dumbering garbage (put the number in use from the list shown below)

Q902C_5 (351)	Assorted garbage collection
Value	Label
1	Yes
2	No

Q902A_6 (352)	Utilization
Value	Label
1	Yes
2	No

Q902B_6 (353)
Place of dumbering garbage (put the number in use from the list shown below)

Q902C_6 (354)	Assorted garbage collection
Value	Label
1	Yes
2	No

Q903_1 (355)	County service
Value	Label
1	Less than once
2	Once aweek

- 3 twice a week
- 4 Three times aweek
- 5 four times a week
- 6 once everyday
- 7 more than once a day

Q903_2 (356) Payam service
Value Label

- 1 Less than once
- 2 Once aweek
- 3 Twice a week
- 4 Three times aweek
- 5 Four times a week
- 6 Once everyday
- 7 More than once a day

Q903_3 (357) Boma service
Value Label

- 1 Less than once
- 2 Once aweek
- 3 Twice a week
- 4 Three times aweek
- 5 Four times a week
- 6 Once everyday
- 7 More than once a day

Q903_4 (358) Private service
Value Label

- 1 Less than once
- 2 Once aweek
- 3 Twice a week
- 4 Three times aweek
- 5 Four times a week
- 6 Once everyday
- 7 More than once a day

Q903_5 (359) Community service
Value Label

- 1 Less than once
- 2 Once aweek
- 3 Twice a week
- 4 Three times aweek
- 5 Four times a week
- 6 Once everyday
- 7 More than once a day

Q904A (360) Does your family recycle garbage for compost
Value Label

- 1 Yes
- 2 No

Q904B (361) Does your family recycle garbage for fuel
Value Label

- 1 Yes
- 2 No

Q904C (362) Is there any other use of garbage

Value Label

1 Yes
2 No

Q905A (363)

How much does your family spent money to dump garbage a month on the average

Value Label

1 No money spent
2 20 ssp a month
3 30 ssp a month
4 40 ssp a month
5 50 ssp a month
6 More than 50 ssp a month

Q905B (364) Transport cost to dump garbage

Value Label

1 No money spent
2 20 ssp a month
3 30 ssp a month
4 40 ssp a month
5 50 ssp a month
6 More than 50 ssp a month

Q905C (365) Sufficiency

Value Label

1 Very much satisfied
2 Satisfied
3 Neutral
4 Dissatisfied
5 Very much dissatisfied

Q905D_1 (366) The distance between house and garbage dumping point is too far

Q905D_2 (367) Frequency of garbage collection services is too few

Q905D_3 (368) Garbage collection services is unstable

Q905D_4 (369) Garbage collection service fee is too much for livelihood

Q905D_5 (370) Garbage recycling is not applied

Q905D_6 (371) Poor handling of garbage by garbage collection

Q905D_7 (372) Unreliable garbage collectors

Q905D_8 (373) Some households default to pay fee for garbage collection

Q905D_9 (374) Others

Code Reference - Market Survey

List of variables on the working file

Name (Position) Label
qid (1) Questionnaire ID
Payam (2) Name of Payam
Boma (3) Name of Boma
Market (4) Name of Market
Origin (5) Origin of business person

Value	Label
1	Ethiopia
2	South Sudan
3	Uganda
4	Kenya
5	Sudanes
6	Others

q101.1 (6) Food products

Value	Label
0	None response
1	Food product shop
2	Cereals
3	Fresh Fruits
4	Vegetables
5	Tubers

q101.2 (7) Transport and storage

Value	Label
0	None response
1	Petrol stations
2	Public service vehicles
3	Motorcycles
4	Pull carts
5	Trucks

q101.3 (8) Finance and insurance

Value	Label
0	None response
1	Banks
2	Insurance company
3	Mobile network provider agents
4	Forex bureau

q101.4 (9) Construction

Value	Label
0	None response
1	Hardware
2	Building construction
3	Roads
4	Electrical appliance shop

q101.5 (10) housing and other social amenities

Value	Label
0	None response
1	Real estate

- 2 Water vendors
- 3 Plumber
- 4 Electrician
- 5 Hotel and accommodation

q101.6 (11) Professional and scientific

Value Label

- 0 None response
- 1 Agriculture and livestock
- 2 Social issues
- 3 Information technology
- 4 Human health
- 5 Judicial issues
- 6 Land issues

q101.7 (12) Leisure and recreation

Value Label

- 0 None response
- 1 Bars and restaurants
- 2 Night clubs
- 3 Pool tables
- 4 Smoking zones
- 5 Swimming pool
- 6 Gym

q101.8 (13) Beauty and decency

Value Label

- 0 None response
- 1 Salon
- 2 Beauty & cosmetic shop
- 3 Barber shop
- 4 Clothes saler
- 5 Whole sale

q102a (14) When did you start this business (year)

q102b (15) When did you start this business?

Value Label

- 1 Before the CPA
- 2 After the CPA
- 3 2 years ago
- 4 This year
- 5 Can't Remember/Dont Know
- 6 Last year

q103a (16) Who owns the business premises (building)?

Value Label

- 1 Business operator (personal)
- 2 Rented
- 3 Cooperative
- 4 Government
- 5 Others

q103b (17) Physical structure

Value Label

- 1 Good
- 2 New

3 Old

q104 (18) How is the business ownership?

Value	Label
1	Individual
2	A group
3	Family
4	A limited company
5	Cooperative
6	Community
7	Others

q101_ (19) Is the business registered?

Value	Label
1	Legal affairs and constitution
2	Local government
3	Ministry of health
4	Others

q103_ (20) How many employees work in the business?

Value	Label
1	0-10
2	11-20
3	21-30
4	31-40
5	More than 40

q104a (21)

How is your business sales level likely to change in the next 6 months?

Value	Label
1	Improve marginally
2	Improve steadily
3	Slightly worsen
4	Steadily worsen
5	I dont know

q105 (22) What is your current business capital?

Value	Label
1	Below 10,000 SSP
2	10,000 - 50,000/= SSP
3	50,001-100,000/= SSP
4	100,001 - 150,000/= SSP
5	150,001 - 200,000 SSP
6	200,001 - 250,000/= SSP
7	250,001 -300,000/= SSP
8	Above 300,000/= SSP
9	Otherwise

q110a (23)

How is the level of annual sales for this year likely to be compared to last year?

Value	Label
1	Expected to be the same
2	Likely to increase moderately
3	Likely to increase drastically
4	Likely to decrease moderately

- 5 Likely to decrease drastically
- 6 I dont know

q111 (24)

How are the commodities price levels at the moment compared to 2 months ago?

- | Value | Label |
|-------|------------------------|
| 1 | Been the same |
| 2 | Moderately increasing |
| 3 | Drastically increasing |
| 4 | Decreasing |
| 5 | I dont know |

q120 (25) Have you applied for bank loan for the business?

- | Value | Label |
|-------|-------|
| 1 | Yes |
| 2 | No |

q121 (26) If yes; what was the loan for?

- | Value | Label |
|-------|---------------------|
| 1 | Increase capital |
| 2 | Purchase equipment |
| 3 | Purchase machinery |
| 4 | Revive the business |
| 5 | Other reasons |

q122 (27) If Yes did the bank grant/give you the loan?

- | Value | Label |
|-------|-------|
| 1 | Yes |
| 2 | No |

q123a (28) If they declined/refuse; what reasons were you given?

q123b (29) Registrations requirement

q123c (30) Not covered

q123d (31) Absence of security

q123e (32) Reasons not given

q130 (33) Where do you get the goods and commodities sold in your business?

- | Value | Label |
|-------|----------|
| 1 | Juba |
| 2 | Ethiopia |
| 3 | Khartoum |
| 4 | Other |

q131 (34) By what means are the goods and commodities delivered?

- | Value | Label |
|-------|-------------|
| 1 | By air |
| 2 | By the Nile |
| 3 | By road |
| 4 | Otherwise |

q132 (35) What industry is a priority in Malakal Town?

Value	Label
1	Food processing
2	Manufacturing
3	Mining
4	Other

q133 (36)

Malakal town and its environment have the market available enough to sustain and justify the establishment of industries in Malakal Town?

Value	Label
1	Strongly agree
2	Agree
3	Disagree
4	Srtongly disagree
5	I dont know

q134 (37)

How is the business profits today compared to last year in the same period?

Value	Label
1	Same as last year
2	Increasingly slowly
3	Increasingly fast
4	Decreasing slowly
5	Decreasing very fast
6	I dont know

q140 (38) Have you been asked for a bribe in the last 6 months?

Value	Label
1	Agree
2	Disagree
3	Dont know

q141 (39)

Have you experienced any theft on the business materials and or goods in the last 6 months?

Value	Label
1	Rarely
2	A few cases
3	Often
4	Every day

q142 (40) Have you been a victim of crime in the last 6 months in the town?

Value	Label
1	Never
2	Rarely
3	A few cases
4	Often
5	Every day

q143a (41) Transport costs too high

q143b (42) Inaccessibility to the goods and commodities

q143c (43) Absence of financial institutions

q143d (44) High corruption levels

q143e (45) Poor road networks

q143f (46) Many taxes

q143g (47) Costly cooling preservative devices

q143h (48) Language barrier

Code Reference - Household Survey 2

List of variables on the working file

Name (Position) Label

qid (1) Questionnaire number

q101 (2) Name of Payam

q102 (3) Name of Boma

q104 (4) Ethnic group(tribe)

q910a1 (5) Malakal county but outside Malakal Town Upper Nile State, South Sudan

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910a2 (6) Number of years

q910b1 (7) County outside of Malakal County Upper Nile State South Sudan

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910b2 (8) Number of years

q910c1 (9) Outside Upper Nile Nile State South Sudan

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910c2 (10) Number of years

q910d1 (11) Khartoum, Sudan

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910d2 (12) Number of years

q910e1 (13) Other cities of Sudan

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910e2 (14) Number of years

q910f1 (15) Ethiopia

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910f2 (16) Number of years

q910g1 (17) Kenya

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

q910g2 (18) Number of years

- q911a1 (19) How much do you spend on food?
- q911a2 (20) Percentage
- q911b1 (21) How much do you spend on Education?
- q911b2 (22) Percentage
- q911c1 (23) How much do you spend on Health?
- q911c2 (24) Percentage
- q911d1 (25) How much do you spend on Clothing?
- q911d2 (26) Percentage
- q911e1 (27) How much do you spend on utilities 1?
- q911e2 (28) Percentage
- q911f1 (29) How much do you spend on transportation 2?
- q911f2 (30) Percentage
- q911g1 (31) How much do you spend on personal care?
- q911g2 (32) Percentage
- q911h1 (33) How much do you spend on housing 3?
- q911h2 (34) Percentage
- q911i1 (35) How much do you spend on recreation?
- q911i2 (36) Percentage

q912 (37) What would be needed most to improve the livelihood of our household?

Value	Label
1	Micro-credit to set up small business
2	Training
3	Employment

q913 (38)

If you selected a Micro credit to set up small business what kind of small business do you want to start

Value	Label
1	Sell goods
2	Kiosk to serve food
3	Builder
4	Shop owner

q914 (39) If you selected training what kind of training do you want to receive

Value	Label
1	Small business management
2	Food processing
3	Masonry
4	Welding
5	Tailoring
6	Carpenter
7	Bakery
8	Driving
9	Computer
10	Language English

q915 (40)

If you selected b training how many hours per day are you available for training?

Value	Label
1	Within 2hours/day
2	3-4 hours
3	More than 4 hours

q916a (41)

If you selected b training how many days per week are you available for training?

Value	Label
1	1 or 2 days per week
2	3-4 days per week
3	5 days per week

q916b (42)

If you were not originally from malakal town do you intend to stay in Malakal town in future?

Value	Label
1	Yes we intend to stay in Malakal town
2	No we intend to go back to the village where we are original
3	No we intend to go to another place
4	I do not know

q917 (43)

Do you have leaders in your community who represent your community for contacting government and support your activities?

Value	Label
1	Yes
2	No

q918 (44) In what way did these leaders come to hold the leaders position?

Value	Label
1	Elected by community members
2	Inherited from their fathers/mothers
3	Nominated by government

q919 (45) Is the leadership effective?

Value	Label
1	Very effective
2	Effective
3	Fair
4	Limitedly effective
5	Not effective

q920 (46) Have you come across any social problem recently in your community?

Value	Label
1	Yes
2	No

q921 (47) If yes what kind of problems have you come across recently?

Value	Label
1	Land conflict
2	Business conflict
3	Ethnic conflict

q922a (48) Land conflict

Value	Label
1	Mediation/settlement by authority
2	Traditional way of settling by community leader

- 3 Reconciliation by conflicting parties
4 Other ways
- q922b (49) Business conflict
Value Label
- 1 Mediation/settlement by authority
2 Traditional way of settling by community leader
3 Reconciliation by conflicting parties
4 Other ways
- q922c (50) Ethnic conflict
Value Label
- 1 Mediation/settlement by authority
2 Traditional way of settling by community leader
3 Reconciliation by conflicting parties
4 Other ways
- q922d (51) Other problems
Value Label
- 1 Mediation/settlement by authority
2 Traditional way of settling by community leader
3 Reconciliation by conflicting parties
4 Other ways
- q923 (52)
In your household is there any young man/woman who is willing to work
but not able to do so?
Value Label
- 1 Yes
2 No
- q924 (53) If yes why is he/she not working?
Value Label
- 1 No job opportunities
2 Salary is lo
3 Not knowing anybody
4 Not able to communicate in English
- q925 (54) Was he/she working before?
Value Label
- 1 Yes
2 No
- q926 (55) If yes what type of work did he/she have?
Value Label
- 1 Wages and salaries
2 Own business enterprises
3 vending on street or at market
4 Property income
5 Crop farming
6 Animal husbandry
7 Others
- q927 (56) Where was he/he working?
Value Label

- 1 Malakal town
- 2 Upper Nile state
- 3 Other state
- 4 Khartoum
- 5 Other places

- q928a (57) Completed desired level
- q928b (58) Needed work/ money
- q928c (59) No uniform
- q928d (60) Lack of transportation
- q928e (61) School was located too far
- q928f (62) Quality of school was poor
- q928g (63) Orphaned
- q928h (64) Illness
- q928i (65) Pregnancy
- q928j (66) Got married
- q928k (67) School not important
- q928l (68) Too old
- q928m (69) Disability
- q928n (70) Take care of my parents / relatives who were sick

- q929a (71) Diarrhea
- q929b (72) Malaria
- q929c (73) Parasites
- q929d (74) Respiratory problems
- q930a (75) Primary health care unit
- q930b (76) Primary health care centre
- q930c (77) Public hospital
- q930d (78) Private hospital/clinic
- q930e (79) Pharmacy/drug store
- q930f (80) Others

- q931a1 (81) Name of health facility
- q931a2 (82) Means of payment

Value	Label
1	Free
2	Paid

- q931b1 (83) Name of health facility
- q931b2 (84) Means of payment

Value	Label
1.0	Free
2.0	Paid

- q931c1 (85) Name of health facility
- q931c2 (86) Means of payment

Value	Label
1	Free
2	Paid

q932 (87)

If your answer paid please indicate the total amount paid by your family in the last 12 months?

- q933a1 (88) Facility name
- q933a2 (89) Distance

Value	Label
1	Less than 15 minutes
2	15-30 minutes
3	30min-1 hr

- 4 1hr-2hr
- 5 More than two hrs

q933b1 (90) Facility name

q933b2 (91) Distance

Value Label

- 1 Less than 15 minutes
- 2 15-30 minutes
- 3 30min-1 hr
- 4 1hr-2hr
- 5 More than two hrs

q933c1 (92) Facility name

q933c2 (93) Distance

Value Label

- 1 Less than 15 minutes
- 2 15-30 minutes
- 3 30min-1 hr
- 4 1hr-2hr
- 5 More than two hrs

q934 (94)

What is the type of medical help you seek when you/your household member is sick?

Value Label

- 1 Religious healer
- 2 Witch doctor
- 3 Traditional healer
- 4 Relative/friend/neighbor
- 5 others

q935 (95)

How do you and your household member feel about current health services?

Value Label

- 1 Very much
- 2 Satisfied
- 3 Fair
- 4 Dissatisfied
- 5 Very much

q936 (96) Types of problems with health services

q937a (97) The health services is too expensive for the livelihood

q937b (98) The health facilities are not located close to the household

q937c (99) The health services are not adequate

q937d (100) The health services is not reliable

q937e (101) The health service is poor

q937f (102) Others

q940a (103) Limited job opportunities

q940b (104) Social problem like ethnic confrontation and bad law and order

q940c (105) Insecure status in land ownership and land rent

q940d (106) Limited opportunities for education

q940e (107) Limited access to health services

q940f (108) Limited access to safe and adequate water

q940g (109) Poor sanitation condition

q940h (110) poor road condition

q940i (111) Poor transportation services

q940j (112) Limited access to electricity

q940k (113) Flooding

q941 (114) What is the land area where you are farming?

q942a (115) Cereals

q942b (116) Vegetables

q942c (117) Fruits

q942d (118) Potatoes

q943 (119) Are you watering the crops?

Value Label

1 No depend on rain water only

2 Yes we water the crops by fetching water from the Nile river

3 others

q944 (120)