MINISTRY OF WATER
THE UNITED REPUBLIC OF TANZANIA

THE STUDY ON RURAL WATER SUPPLY IN TABORA REGION IN THE UNITED REPUBLIC OF TANZANIA

FINAL REPORT

APPENDIX

MAY 2011

JAPAN INTERNATIONAL COOPERATION AGENCY

EARTH SYSTEM SCIENCE CO., LTD
JAPAN TECHNO CO., LTD.
KOKUSAI KOGYO CO., LTD.

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CHAPTER 2　SOCIO-ECONOMY

Table 2.1 Results of Socio-Economic Survey in Igunga District (1/2)

Serial No.	District	Ward	Village	No. of sub-village	GPS South	GPS East	GPS Altitude (m)	Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city
1	Igg	1 Bukoko	1 Bukoko	5	4.37804	33.73713	1,141	3,244	4,847	176	353	9	Increased Gradually	Linear	26	Bicycle
2	Igg	1 Bukoko	2 Ipumbulya	7	4.52391	33.46157	1,270	4,886	7,058	177	409	12	Increased Gradually	Linear	21	Bicycle
3	Igg	1 Bukoko	3 Mangungu	3	4.39406	33.65286	1,161	2,721	3,931	142	179	6	Increased Gradually	Scattered	26	Bicycle
4	Igg	1 Bukoko	4 Mtungulu	6	4.42330	33.73225	1,134	5,453	7,878	285	na	6	Increased Dramatically	Clustered	32	Bicycle
5	Igg	1 Bukoko	5 Mwazizi	4	4.33028	33.68831	1,170	2,128	3,180	115	202	10	Increased Gradually	Mixed	25	Bicycle
6	Igg	2 Chabutwa	6 Chapela	7	4.58321	33.49045	1,254	2,331	3,483	126	289	8	Increased Gradually	Scattered	90	Minibus,Bicycle
7	Igg	2 Chabutwa	7 Igumo	6	4.57505	33.46050	1,266	3,148	4,863	176	376	8	Increased Dramatically	Mixed	40	Minibus
8	Igg	2 Chabutwa	8 Majengo	6	4.60027	33.44444	1,244	2,112	3,155	114	378	5	Increased Gradually	Linear	80	Minibus
9	Igg	3 Choma	9 Bulangamilwa	8	4.11052	33.38016	1,163	4,403	6,361	160	691	6	Increased Gradually	Clustered	42	Minibus
10	Igg	3 Choma	10 Chibiso	4	3.94220	33.36545	1,095	3,413	5,100	185	420	8	Increased Gradually	Clustered	110	Car,Bicycle
11	Igg	3 Choma	11 Chomachankola	8	4.01754	33.35830	1,138	7,363	11,373	411	1,302	5	Increased Dramatically	Concentrated	50	Minibus
12	Igg	4 Igoweko	12 Buhelekela	6	4.77473	33.71255	1,130	6,856	9,904	248	859	8	No Change	Linear	70	Bicycle,Minibus
13	Igg	4 Igoweko	13 Igoweko	10	4.74278	33.60357	1,196	6,088	8,795	318	na	6	Increased Gradually	Concentrated	100	Bicycle,Minibus
14	Igg	4 Igoweko	14 Uswaya	9	4.69277	33.50403	1,222	4,520	6,752	244	614	7	Increased Dramatically	Clustered	120	Minibus
15	Igg	4 Igoweko	15 Utuja	6	4.76225	33.46482	1,230	4,697	7,017	254	667	7	Decreased Gradually	Concentrated	20	Bicycle,Minibus
16	Igg	5 Igunga	16 Isugilo	5	4.26115	33.84314	1,087	3,835	5,729	207	507	7	Increased Gradually	Scattered	5	Bicycle
17	Igg	5 Igunga	17 Makomero	4	4.29904	33.97765	1,048	3,117	4,503	113	507	6	Increased Gradually	Clustered	5	Minibus,Bicycle
18	Igg	5 Igunga	18 Mgongolo	5	4.37968	34.03186	1,033	3,129	4,834	175	316	9	Increased Gradually	Mixed	22	Bicycle
19	Igg	5 Igunga	19 Mwanzugi	8	4.35122	33.88789	1,087	21,560	31,145	779	2800	5	Increased Dramatically	Linear	10	Minibus.Car,Bicycle
20	Igg	6 Igurubi	20 Ibole	5	3.99861	33.80018	1,138	360	521	14	124	3	No Change	Scattered	95	Bicycle
21	Igg	6 Igurubi	21 Igurubi	7	3.99486	33.71003	1,081	7,739	12,360	447	1,000	7	Increased Dramatically	Concentrated	68	Bicycle,Motor bike
22	Igg	6 Igurubi	22 Kalangale	5	3.96223	33.65532	1,082	1,904	2,942	107	227	8	Increased Gradually	Scattered	43	Minibus,Car
23	Igg	6 Igurubi	23 Mwagala	5	4.05447	33.70619	1,132	2,227	3,217	81	293	8	Increased Gradually	Scattered	30	Bicycle,Minibus
24	Igg	6 Igurubi	24 Mwakwangu	4	3.99959	33.72417	1,095	2,411	3,483	88	313	5	Increased Dramatically	Mixed	45	Minibus
25	Igg	7 Isakamaliwa	25 Hindishi	6	4.10738	33.99288	1,062	2,391	3,573	130	212	11	Increased Gradually	Scattered	36	Bicycle
26	Igg	7 Isakamaliwa	26 Isakamaliwa	6	4.07063	34.04319	1,043	4,372	6,316	158	397	11	Increased Gradually	Scattered	32	Bicycle
27	Igg	7 Isakamaliwa	27 Kidalu	4	4.14452	34.01957	1,058	3,017	4,359	109	307	10	Increased Dramatically	Scattered	33	Motor bike,Walking
28	Igg	8 Itumba	28 Chagana	2	4.57327	33.91457	1,045	2,486	3,714	135	257	9	Increased Gradually	Scattered	32	Bicycle
29	Igg	8 Itumba	29 Itumba	6	4.64601	33.81960	1,038	4,561	6,589	165	576	8	Increased Dramatically	Clustered	52	Bicycle,Other
30	Igg	8 Itumba	30 Lugubu	6	4.56069	33.86012	1,089	5,297	7,652	192	555	10	Increased Dramatically	Concentrated	32	Bicycle,Minibus
31	Igg	8 Itumba	31 Mgazi	4	4.51024	33.89088	1,076	683	1,022	37	370	2	No Change	Mixed	30	Bicycle,Minibus
32	Igg	9 Itunduru	32 Itunduru	6	4.13544	33.65367	1,162	4,786	7,149	259	550	8	Increased Dramatically	Mixed	72	Car
33	Igg	9 Itunduru	33 Kagongwa	3	4.04943	33.64632	1,169	3,133	4,526	164	180	10	Increased Gradually	Scattered	50	Bicycle
34	Igg	9 Itunduru	34 Mwabalaturu	5	4.19638	33.62990	1,177	4,970	7,424	269	505	10	Increased Gradually	Concentrated	50	Bicycle
35	Igg	10 Kininginila	35 Iyogelo	7	4.06225	33.99484	1,043	3,733	5,393	195	260	7	Increased Gradually	Scattered	37	Bicycle
36	Igg	10 Kininginila	36 Kininginila	10	3.98808	33.93219	1,045	4,665	6,969	252	631	7	Increased Gradually	Linear	60	Minibus,Bicycle
37	Igg	10 Kininginila	37 Mwanyagula	7	4.09984	33.92261	1,073	2,780	4,295	156	400	7	Increased Gradually	Scattered	25	Bicycle
38	Igg	11 Kinungu	38 Kinungu	6	3.96799	33.55028	1,183	2,954	4,268	107	396	7	Increased Gradually	Mixed	64	Bicycle
39	Igg	11 Kinungu	39 Mwajilunga	6	3.91099	33.62515	1,078	1,318	2,037	74	175	7	Increased Gradually	Scattered	65	Bicycle
40	Igg	11 Kinungu	40 Mwamagobo	4	4.02583	33.58722	1,139	2,068	3,090	112	300	7	Increased Gradually	Scattered	72	Bicycle
41	Igg	11 Kinungu	41 Mwamapuli	5	3.98752	33.53474	1,099	3,036	4,536	164	390	8	No Change	Mixed	75	Bicycle
42	Igg	11 Kinungu	42 Mwandihimiji	4	4.17759	33.82833	1,113	1,332	1,991	72	220	6	Increased Gradually	Scattered	72	Bicycle
43	Igg	12 Mbutu	43 Bukama	9	4.17759	33.82830	1,114	3,577	5,168	187	817	5	Increased Gradually	Concentrated	25	Bicycle,Car
44	Igg	12 Mbutu	44 Ibutamisuzi	5	4.18270	33.94583	1,066	3,102	4,635	168	300	10	Increased Gradually	Scattered	20	Bicycle
45	Igg	12 Mbutu	45 Mbutu	10	4.23306	33.89621	1,196	4,191	6,055	219	965	8	Increased Dramatically	Scattered	8	Bicycle
46	Igg	12 Mbutu	46 Mwabakima	5	4.15873	33.89203	1,081	2,746	4,103	149	219	12	Increased Gradually	Scattered	20	Bicycle
47	Igg	13 Mwamashiga	47 Bulenya	11	4.19359	33.76746	1,134	3,394	4,903	178	300	10	Increased Gradually	Scattered	18	Bicycle,Walking
48	Igg	13 Mwamashiga	48 Migongwa	10	4.20538	33.72749	1,144	3,768	5,630	204	474	8	Increased Gradually	Linear	25	Bicycle
49	Igg	13 Mwamashiga	49 Mwamashiga	10	4.14014	33.74978	1,108	4,575	6,609	166	369	12	No Change	Clustered	28	Bicycle,Walking
50	Igg	14 Mwamashimba	50 Imalanguzu	4	4.15855	33.89226	1,083	2,371	3,425	86	336	7	Increased Gradually	Scattered	8	Bicycle
51	Igg	14 Mwamashimba	51 Jogohya	6	4.11240	33.84925	1,095	2,993	4,324	109	380	8	Increased Gradually	Scattered	20	Bicycle,Car
52	Igg	14 Mwamashimba	52 Mwamakona	8	4.07231	33.75991	1,132	4,624	6,680	167	471	10	Increased Gradually	Clustered	36	Bicycle,Car
53	Igg	14 Mwamashimba	53 Mwamashimba	8	4.08136	33.82633	1,133	4,914	7,099	178	627	8	Increased Dramatically	Clustered	30	Bicycle
54	Igg	15 Mwashiku	54 Buchenjegele	10	4.03277	33.42274	1,146	3,856	5,571	202	na	10	Increased Dramatically	Scattered	75	Car,Bicycle
55	Igg	15 Mwashiku	55 Matinje	12	4.05016	33.48614	1,147	3,763	5,813	210	520	7	Increased Dramatically	Mixed	30	Bicycle,Car,Motor bike
56	Igg	15 Mwashiku	56 Mondo	10	3.95424	33.41044	1,108	4,252	6,352	230	510	8	Decreased Gradually	Mixed	100	Bicycle,Car
57	Igg	15 Mwashiku	57 Mwashikumbili	10	3.99012	33.46111	1,142	4,880	7,538	273	532	9	Increased Gradually	Scattered	57	Bicycle
58	Igg	16 Mwisi	58 Busomeke	7	4.52390	33.46156	1,270	3,618	5,227	189	na	5	Increased Dramatically	Scattered	30	Bicycle,Minibus
59	Igg	16 Mwisi	59 Isenegeja	9	4.52405	33.44772	1,267	2,753	3,977	100	669	4	Increased Dramatically	Concentrated	75	Bicycle,Minibus
60	Igg	16 Mwisi	60 Kalemela	5	4.53882	33.44993	1,267	2,429	3,629	132	227	10	Increased Gradually	Clustered	77	Bicycle,Minibus
61	Igg	16 Mwisi	61 Mizanza	5	4.53745	33.54098	1,226	4,990	7,209	261	545	5	Increased Gradually	Scattered	70	Bicycle,Minibus
62	Igg	17 Nanga	62 Bulyang'ombe	6	4.26741	33.65855	1,152	3,723	5,562	201	334	11	Increased Dramatically	Clustered	10	Minibus,Walking
63	Igg	17 Nanga	63 Igogo	4	4.29180	33.76932	1,128	2,695	3,894	98	432	6	Increased Dramatically	Linear	25	Minibus,Bicycle
64	Igg	17 Nanga	64 Kaumbu	6	4.33575	33.63048	1,174	2,312	3,340	121	500	7	No Change	Clustered	35	Bicycle

Serial No.	If it is inside of Forest Reserve	Economic Activities Prime	Economic Activities Secondary	Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses Rainy Season	Common Illnesses Dry Season	Toilet Facility	Education Facility
1	-	Agriculture	Livestock Keeping	Carpentry	600,000	1,200,000	6,7,8,9,10,11	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
2	-	Agriculture	Livestock Keeping	None	300,000	400,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit ,V. .I. P	Primary Sch.
3	-	Agriculture	Livestock Keeping	None	500,000	900,000	6,7,8,9	None	Dispensary	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
4	-	Agriculture	Livestock Keeping	None	200,000	170,000	6,7,8	None	Phamacy	Malaria,Diarrhea	Malaria	Traditional Pit ,None	Primary Sch.
5	-	Agriculture	Livestock Keeping	Carpentry	300,000	500,000	4,5,6,7	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
6	-	Agriculture	Livestock Keeping	None	200,000	500,000	6,7,8	None	Traditional Healer	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit ,None	Primary Sch.
7	-	Agriculture	Livestock Keeping	Brick Making	300,000	500,000	4,5,6,7,8,9	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases,Eye Diseases	Traditional Pit	Primary Sch., Secondary Sch.
8	-	Agriculture	Livestock Keeping	None	200,000	800,000	6,7,8	None	Dispensary,Phamacy	Dysentery,Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
9	-	Agriculture	Livestock Keeping	Carpentry	200,000	500,000	5,6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	None	Primary Sch.
10	-	Agriculture	Livestock Keeping	None	200,000	300,000	7.8.9	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
11	-	Agriculture	Livestock Keeping	Food Processing	300,000	1,000,000	5,6,7,8,9,10	Health Centre	Dispensary	Diarrhea,Malaria	Diarrhea,Respiratory Diseases,Diarrhea	Traditional Pit	Primary Sch., Secondary Sch.
12	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	5,6,7,8	Dispensary	Dispensary	Malaria,Typhoid,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
13	-	Agriculture	Livestock Keeping	None	200,000	500,000	6,7,8,9	Dispensary	Dispensary	Malaria,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
14	-	Agriculture	Livestock Keeping	None	300,000	1,000,000	5,6,7,8,9,10	None	Dispensary	Diarrhea,Dysentery,Malaria	Respiratory Diseases,Malaria,Eye Diseases	Traditional Pit ,None	Primary Sch.
15	-	Agriculture	Livestock Keeping	None	300,000	900,000	5,6,7,8,9	None	Dispensary	Malaria,Diarrhea,Dysentery	Respiratory Diseases,Malaria,Eye Diseases	Traditional Pit ,None	Primary Sch.
16	-	Agriculture	Livestock Keeping	BrickMaking	400,000	900,000	5,6,7	None	Hospital	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
17	-	Agriculture	Livestock Keeping	Oil Processing	200,000	900,000	6,7,8	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
18	-	Agriculture	Livestock Keeping	None	200,000	900,000	5,6,7,8	None	Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
19	-	Agriculture	Livestock Keeping	Brick Making	3,000,000	4,000,000	5,6,7,8,	Dispensary	Dispensary,Phamacy	Malaria,Diarrhea,Dysentery	Malaria,Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
20	-	Agriculture	Livestock Keeping	Carpentry	300,000	500,000	6,7,8,9	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	None	Primary Sch.
21	-	Agriculture	Livestock Keeping	BrickMaking	150,000	480,000	6.7.8	Dispensary	Dispensary	Malaria,Dysentery	Malaria,Eye Diseases	Traditional Pit	Primary Sch., Secondary Sch.
22	-	Agriculture	Livestock Keeping	None	300,000	360,000	6,7,8,9	None	Health Centre	Malaria,Diarrhea	Malaria,Diarrhea,Respiratory Diseases	Traditional Pit	Primary Sch.
23	-	Agriculture	Livestock Keeping	None	300,000	500,000	6,7,10	None	Health Centre	Malaria,Dysentery	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
24	-	Agriculture	Livestock Keeping	None	200,000	350,000	6,7,8,9	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	None	None
25	-	Agriculture	Livestock Keeping	None	700,000	900,000	7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Eye Diseases,Diarrhea	Traditional Pit	Primary Sch.
26	-	Agriculture	Livestock Keeping	None	200,000	400,000	6,7,8	Dispensary	Dispensary	Malaria,Dysentery	Respiratory Diseases,Diarrhea	Traditional Pit	Primary Sch., Secondary Sch.
27	-	Agriculture	Livestock Keeping	None	400,000	700,000	6,7,8	None	Traditional Healer,Dispensary	Malaria,Diarrhea0	Dysentery,Malaria	Traditional Pit ,None	Primary Sch.
28	-	Livestock Keeping	Agriculture	None	100,000	200,000	4,5,6	None	Dispensary,Traditional Healer	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
29	-	Agriculture	Livestock Keeping	None	400,000	1,000,000	7,8,9	None	Dispensary	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
30	-	Agriculture	Livestock Keeping	Carpentry	300,000	700,000	4,5,6,7	Health Centre	Dispensary	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
31	-	Agriculture	Livestock Keeping	None	200,000	500,000	6,7,8,9	None	Phamacy	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases,Diarrhea	Traditional Pit ,None	Primary Sch.
32	-	Agriculture	Livestock Keeping	Oil Processing	300,000	1,200,000	4,5,6,7	Dispensary	Dispensary	Malaria,Diarrhea,Typhoid	Malaria,Typhoid,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
33	-	Agriculture	Livestock Keeping	None	150,000	400,000	7,8,9	None	Traditional Healer	Malaria,Diarrhea	Diarrhea,Malaria	None	Primary Sch.
34	-	Agriculture	Livestock Keeping	None	500,000	700,000	6,7,8	None	Dispensary	Malaria,Dysentery	Malaria,Dysentery	Traditional Pit ,None	Primary Sch.
35	-	Agriculture	Mining	None	1.000,000	1.000.000	6,7,8	None	Dispensary	Malaria,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch.
36	-	Agriculture	Livestock Keeping	None	100,000	85,000	6,7,8,9	Dispensary	Dispensary	Malaria,Diarrhea	Malaria	Traditional Pit ,None	Primary Sch., Secondary Sch.
37	-	Agriculture	Livestock Keeping	None	1,000,000	1,500,000	6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	None,Traditional Pit	Primary Sch.
38	-	Agriculture	Livestock Keeping	BrickMaking	300,000	400,000	6,7,8,9,10	Dispensary	Dispensary	Malaria,Diarrhea	Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
39	-	Agriculture	Livestock Keeping	None	300,000	400,000	6,7,8,9	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
40	-	Agriculture	Agriculture	None	700,000	700,000	5,6,7,8,9	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
41	-	Agriculture	Livestock Keeping	None	400,000	700,000	6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Eye Diseases,Diarrhea	Traditional Pit	Primary Sch.
42	-	Agriculture	Livestock Keeping	None	400,000	550,000	5,6,7,8,9	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
43	-	Agriculture	Livestock Keeping	None	200,000	400,000	5,6,7,8,9	None	Dispensary	Malaria.Dysentery	Malaria,Diarrhea	Traditional Pit	Primary Sch.
44	-	Livestock Keeping	Agriculture	Brick Making	700,000	500,000	7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	None	Primary Sch.
45	-	Agriculture	Livestock Keeping	None	200,000	200,000	7,8,9	None	Traditional Healer,Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.
46	-	Agriculture	Livestock Keeping	None	1,500,000	1,600,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
47	-	Agriculture	Livestock Keeping	Brick Making	500,000	500,000	7,8,9	None	Traditional Healer	Diarrhea,Malaria,Dysentery,Respiratory Diseases	Malaria,Diarrhea	None	Primary Sch.
48	-	Agriculture	Livestock Keeping	None	200,000	180,000	6,7,8,9	None	Phamacy,Traditional Healer	Malaria,Diarrhea	Malaria,Respiratory Diseases,Diarrhea	None	Primary Sch.
49	-	Agriculture	Livestock Keeping	Carpentry	200,000	400,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Respiratory Diseases,Diarrhea	None	Primary Sch.
50	-	Agriculture	Livestock Keeping	None	300,000	500,000	6,7,8	None	Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
51	-	Agriculture	Livestock Keeping	None	400,000	600,000	6,7,8,9	None	Dispensary	Malaria,Diarrhea	Dysentery,Respiratory Diseases	Traditional Pit	Primary Sch.
52	-	Agriculture	Livestock Keeping	Carpentry	200,000	600,000	4,5,6,7	None	Health Centre	Malaria,Dysentery	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
53	-	Agriculture	Livestock Keeping	Carpentry	520,000	520,000	6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Scabies,Respiratory Diseases,Eye Diseases	Traditional Pit ,None	Primary Sch..Secondary Sch.
54	-	Agriculture	Livestock Keeping	None	600,000	1,000,000	7,8,9	None	Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.
55	-	Agriculture	Mining	Mining	300,000	600,000	5,6,7,8	None	Phamacy	Diarrhea,Dysentery,Typhoid	Malaria,Respiratory Diseases	V. .I. P ,None	Primary Sch.
56	-	Agriculture	Livestock Keeping	None	100,000	300,000	4,5,6,7	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
57	-	Agriculture	Livestock Keeping	None	200,000	400,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.
58	-	Agriculture	Livestock Keeping	None	200,000	400,000	5,6,7,8	None	Dispensary	Malaria,Dysentery,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
59	-	Agriculture	Livestock Keeping	Oil Processing	300,000	900,000	6,7,8,9	Dispensary	Dispensary	Dysentery,Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.
60	-	Agriculture	Livestock Keeping	BrickMaking	300,000	700,000	6,7,8,9,10	None	Dispensary	Diarrhea,Dysentery,Malaria	Respiratory Diseases,Malaria	Traditional Pit ,None	Primary Sch.
61	-	Agriculture	Livestock Keeping	None	200,000	500,000	5,6,7,8	Dispensary	Phamacy	Diarrhea,Malaria	Diarrhea,Malaria	None,Traditional Pit	Primary Sch.
62	-	Agriculture	Livestock Keeping	None	150,000	200,000	6,7,8	None	Traditional Healer,Phamacy	Diarrhea,Dysentery,Malaria	Diarrhea,Dysentery,Malaria	Traditional Pit ,None	Primary Sch.
63	-	Agriculture	Livestock Keeping	None	300,000	800,000	6,7,8,9	None	Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
64	-	Agriculture	Livestock Keeping	None	250,000	500,000	5,6,7,8	None	Dispensary	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.

Serial No.	Literacy Rate (%) Male	Literacy Rate (%) Female	Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%) Male	Mobile Possession Rate (%) Female	Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes) Rainy season	Fetching Time (Minutes) Dry season	Responsibility for fetching water Primary	Responsibility for fetching water Secondary	Decision Maker	Comparison with Other Village
1	50	35	Iron Sheet, Grass/Mud	Mud Bricks,Concrete Block	Keroshine Lamp	10	3	VWC,Others	Water	Road	60	180	Women	Men	Male	Average
2	50	30	Grass/Mud	Mud and Pole	Keroshine Lamp	20	5	Farmers' G	Water	Health	0	120	Women	Men	Male	Average
3	20	20	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	10	8	VWC,Others	Water	Education	120	540	Women	Men	Male	Average
4	60	30	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	Farmers' G	Road	Health	30	30	Women	Girls,Boys	Male	Average
5	50	20	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	30	2	Cultural G	Water	Road	60	480	Women	Men,Boys	Male	Average
6	50	70	Grass/Mud	Mud Bricks	Keroshine Lamp,Firewood	15	2	VWC,WUG,WUA	Water	Health	30	300	Women	Men	Male	Average
7	80	40	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	80	18	VWC,Women G,Youth G	Water	Health	15	60	Women	Girls,Boys	Male	Average
8	65	50	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	15	3	Farmers' G,Women G,VWC	Water	Electricily	10	60	Women	Girls,Boys	Male	Average
9	70	40	Iron Sheet, Grass/Mud	Mud Bricks,Concrete Block	Keroshine Lamp	20	5	Others,Carpenters' G,VWC	Water	Health	20	60	Women	Girls,Boys	Male	Average
10	49	20	Grass/Mud	Mud Bricks	Keroshine Lamp	5	1	WUA	Water	Road	30	150	Women	Men	Male	Better than average
11	20	5	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	35	20	VWC,Women G,Carpenters' G,Youth G,Others	Water	Road	30	50	Women	Girls,Men, Boys	Male	Better than average
12	65	40	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	60	10	WUG	Water	Road	10	60	Women	Men,Boys	Male	Average
13	45	48	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,WUG	Water	Road	30	90	Women	Girls,Men, Boys	Male	Average
14	60	25	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks,Burnt Bricks	Keroshine Lamp	15	5	VWC,Women G,Youth G	Water	Health	20	60	Women	Girls,Men, Boys	Male	Average
15	40	20	Iron Sheet, Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp, Other	27	10	Farmers' G,Women G,Youth G	Water	Road	20	180	Women	Men,Boys	Male	Better than average
16	30	10	Grass/Mud	Mud Bricks	Keroshine Lamp	20	1	VWC	Water	Road	30	120	Women	Men	Male	Average
17	55	20	Grass/Mud, Iron Sheet	Mud Bricks	Keroshine Lamp	65	10	VWC,Cultural G,Women G,Carpenters' G	Water	Health	30	300	Women	Men	Male	Average
18	70	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC	Water	Health	30	120	Women	Girls,Boys	Male	Worse than Average
19	80	70	Iron Sheet, Grass/Mud	Concrete Block,Burnt Bricks,Mud Bricks	Electricity,Keroshine Lamp	70	50	VWC,Cultural G	Water	Police post	60	480	Women	Men,Boys	Male	Average
20	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	60	1	na	Water	Health	20	120	Women	Men	Male	Worse than Average
21	70	80	Iron Sheet	Mud Bricks	Keroshine Lamp	80	80	VWC,WUG	Water	Road	60	180	Women	Girls,Men, Boys	Male	Better than average
22	60	30	Grass/Mud	Mud Bricks	Keroshine Lamp	30	3	VWC	Water	Road	10	120	Women	Girls,Boys	Male	Worse than Average
23	65	65	Grass/Mud	Mud Bricks	Keroshine Lamp	50	50	na	Water	Health	30	180	Women	Men,Boys	Male	Average
24	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	75	5	na	Water	Road	10	60	Women	Men	Male	Average
25	40	60	Grass/Mud	Mud Bricks	Keroshine Lamp	15	3	VWC,Others	Water	Road	60	300	Women	Men	Male	Worse than Average
26	20	20	Grass/Mud	Mud Bricks	Keroshine Lamp	25	5	na	Water	Road	5	120	Women	Men	Male	Worse than Average
27	30	35	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	na	Water	Road	20	120	Women	Girls,Boys	Male	Average
28	5	0.1	Iron Sheet, Grass/Mud	Mud and Pole	Keroshine Lamp	2	0.01	Cultural G	Water	Education	60	480	Women	Men	Male	Worse than Average
29	20	10	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	na	Water	Health	45	720	Men	Boys,Women	Male	Worse than Average
30	30	20	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Keroshine Lamp, Solar	30	5	WUG,Cultural G,Farmers' G	Water	Road	30	120	Women	Men	Male	Better than average
31	30	10	Grass/Mud	Mud Bricks	Keroshine Lamp	10	1	na	Water	Health	20	350	Women	Men	Male	Worse than Average
32	55	20	Grass/Mud, Iron Sheet	Mud Bricks	Keroshine Lamp, Other	45	15	VWC,Women G,Cultural G	Water	Electricily	120	300	Women	Men	Male	Better than average
33	20	15	Grass/Mud	Mud Bricks	Keroshine Lamp	5	0.01	na	Water	Road	30	240	Women	Men	Male	Worse than Average
34	40	60	Grass/Mud	Mud and Pole	Keroshine Lamp	20	1	VWC,WUA	Water	Road	30	120	Women	Men	Male	Worse than Average
35	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	50	2	na	Water	Road	10	180	Women	Girls,Men, Boys	Male	Worse than Average
36	22	23	Grass/Mud	Mud and Pole	Keroshine Lamp	30	6	na	Water	Road	0	240	Women	Girls	Male	Worse than Average
37	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	VWC	Water	Road	5	600	Women	Men	Male	Worse than Average
38	40	10	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	VWC	Water	Road	20	120	Women	Men	Male	Average
39	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	2	0.1	VWC	Road	Water	60	180	Women	Girls,Men, Boys	Male	Worse than Average
40	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	na	Water	Road	20	30	Women	Men	Male	Average
41	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	0.5	VWC	Water	Water	30	120	Women	Men	Male	Average
42	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	Others	Water	Road	10	20	Women	Men	Male	Average
43	40	20	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	45	10	VWC,Farmers' G	Water	Road	20	60	Women	Girls,Men, Boys	Male	Average
44	45	18	Grass/Mud	Mud Bricks	Keroshine Lamp	45	20	VWC,Others(SACCOS)	Water	Road	10	240	Women		Male	Average
45	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	VWC	Road	Water	60	120	Women		Male	Average
46	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	80	20	VWC	Water	Health	60	480	Men	Women	Male	Worse than Average
47	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp,Firewood	10	0.1	Carpenters' G	Water	Road	180	180	Women	Men	Male	Worse than Average
48	50	30	Grass/Mud	Mud Bricks	Keroshine Lamp	15	2	VWC	Water	Road	60	180	Women	Men	Male	Average
49	65	45	Grass/Mud	Mud Bricks	Keroshine Lamp	50	5	VWC	Water	Road	60	120	Women	Men,Boys	Male	Average
50	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	35	5	VWC	Water	Road	10	120	Women	Men	Male	Average
51	85	50	Grass/Mud	Mud Bricks	Keroshine Lamp	30	2	VWC	Water	Road	60	120	Women	Men	Male	Average
52	60	45	Grass/Mud	Mud Bricks	Keroshine Lamp	40	5	VWC	Water	Health	60	120	Women	Men	Male	Average
53	30	32	Grass/Mud	Mud Bricks	Keroshine Lamp	25	2	VWC	Water	Health	10	60	Women	Children	Male	Average
54	50	35	Grass/Mud	Mud Bricks	Keroshine Lamp	20	0	Women G,Farmers' G	Water	Health	40	80	Women	Girls,Men, Boys	Male	Average
55	70	70	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp, Other	30	30	VWC,Farmers' G,Others (small mining, livestock keeping and poultry groups)	Water	Health	20	150	Women	Girls,Men, Boys	Male and Female	Average
56	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	Farmers' G,Women G	Water	Health	150	240	Women	Men	Male	Average
57	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	10	0.5	na	Health	Water	10	30	Women	Men,Boys	Male	Average
58	20	15	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Youth G	Water	Health	20	60	Women	Children	Male	Average
59	45	25	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Keroshine Lamp	30	5	VWC,Farmers' G	Water	Health	30	420	Women	Men	Male	Worse than Average
60	95	60	Grass/Mud	Mud Bricks	Keroshine Lamp	5	3	Cultural G	Water	Health	30	240	Women	Men,Boys	Male	Worse than Average
61	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	2	1	VWC	Water	Road	30	60	Women	Girls	Male	Average
62	60	50	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Keroshine Lamp	30	20	VWC	Water	Health	15	180	Women	Men	Male	Average
63	70	50	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	40	10	na	Water	Health	30	120	Women	Men,Boys, Girls	Male	Average
64	70	50	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,Cultural G	Water	Health	30	180	Women	Men	Male	Worse than Average

Table 2.1 Results of Socio-Economic Survey in Igunga District (2/2)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female				Rainy season	Dry season	Primary	Secondary		
65	Igg	17 Nanga	65 Nanga	7	4.25872	33.61365	1,166	2,985	4,312	156	694	7	Increased Gradually	Mixed	36	Car,Motorbike,Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	300,000	500,000	5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	50	20	Grass/Mud, Iron Sheet	Mud Bricks	Keroshine Lamp	50	10	VWC,Others	Water	Water	30	120	Women	Children	Male	Better than average
66	Igg	18 Ndembezi	66 Kitangili	8	4.34054	33.46635	1,245	4,052	6,053	219	546	7	Increased Gradually	Mixed	40	Minibus	-	Agriculture	Livestock Keeping	None	300,000	700,000	5,6,7,8,9	None	Dispensary	Malaria,Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	10	7	Iron Sheet, Concrete	Concrete Block,Mud Bricks	Keroshine Lamp	75	50	VWC,Youth G,Cultural G	Water	Health	30	480	Women	Men	Male	Average
67	Igg	18 Ndembezi	67 Moyoluke	7	4.34194	33.53185	1,211	3,709	5,358	194	415	8	Increased Gradually	Linear	70	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Brick Making	500,000	1,000,000	7,8,9,10	None	Dispensary	Malaria,Diarrhea	Malaria,Diarrhea,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	50	50	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	68	30	Others	Health	Water	20	360	Women	Men	Male	Worse than Average
68	Igg	18 Ndembezi	68 Ndembezi	9	4.32139	33.41534	1,257	5,676	8,478	307	1,118	5	Increased Gradually	Mixed	36	Minibus	-	Agriculture	Bussiness and Trading	Brick Making	300,000	400,000	6,7,8	Dispensary	Dispensary,Pharmacy	Malaria,Diarrhea,Dysentery	Malaria,Diarrhea	Traditional Pit ,None	Primary Sch., Secondary Sch.	90	90	Concrete	Concrete Block	Electricity,Keroshine Lamp	50	20	VWC	Water	Health	40	240	Women	Men	Male	Better than average
69	Igg	18 Ndembezi	69 Ntigu	5	4.32141	33.49082	1,248	1,447	2,091	53	218	7	Increased Gradually	Mixed	90	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	350,000	600,000	6,7,8	None	Dispensary	Malaria,Dysentery,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	70	60	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	Women G,Youth G,Cultural G	Water	Health	60	300	Women	Men	Male	Average
70	Igg	19 Ngulu	70 Imalilo	6	4.11165	33.48468	1,205	3,056	4,415	111	310	10	No Change	Scattered	33	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	350,000	6,7,8	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	None,Traditional Pit	Primary Sch.	45	20	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	Cultural G,Farmers' G	Water	Road	20	80	Women	Men	Male	Average
71	Igg	19 Ngulu	71 Mwasungho	3	4.03594	33.52199	1,123	2,599	4,015	145	242	10	No Change	Scattered	10	Bicycle,Car	-	Agriculture	Livestock Keeping	None	500,000	600,000	4,5,6,7,8	Dispensary	Dispensary	Respiratory Diseases,Diarrhea,Malaria	Respiratory Diseases,Diarrhea,Malaria	None	Primary Sch.	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	VWC,Others	Water	Education	5	20	Women	Men	Male	Average
72	Igg	19 Ngulu	72 Ngulu	4	4.24907	33.53019	1,187	2,342	3,384	85	370	6	Increased Gradually	Clustered	27	Bicycle,Car	-	Agriculture	Livestock Keeping	None	500,000	2,000,000	5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Diarrhea,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	40	40	Grass/Mud	Concrete Block	Keroshine Lamp	80	10	Farmers' G,Others	Water	Don't know	10	240	Women	Men	Male	Average
73	Igg	20 Nguvumoja	73 Mwalala	7	4.40073	33.93047	1,098	2,610	3,771	95	520	5	Increased Gradually	Mixed	16	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	600,000	3,4,5,6	Dispensary	Dispensary	Malaria,Malaria	Diarrhea,Malaria	Traditional Pit ,None	Primary Sch.	38	20	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	3	2	na	Water	Road	30	120	Women	Children	Male	Average
74	Igg	20 Nguvumoja	74 Mwanshoma	5	4.42843	33.79018	1,158	4,673	7,219	261	426	10	Increased Gradually	Scattered	15	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	600,000	6,7,8	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases,Diarrhea	Traditional Pit ,None	Primary Sch.	40	20	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	15	5	VWC,Farmers' G,Women G	Water	Road	30	120	Women	Men,Girls	Male	Average
75	Igg	20 Nguvumoja	75 Nguvumoja	5	4.42116	33.85844	1,153	1,653	2,388	60	250	7	Increased Gradually	Mixed	25	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	6,7,8	None	Dispensary	Dysentery,Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	40	20	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Others,Cultural G	Water	Health	30	240	Women	Men	Male	Average
76	Igg	21 Nkinga	76 Ikunguipina	4	4.43803	33.36354	1,224	910	1,360	50	289	3	Increased Gradually	Clustered	120	Minibus	-	Agriculture	Bussiness and Trading	None	550,000	850,000	6,7,8,9,10	Hospital	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.	45	32	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	30	20	VWC,Farmers' G,Women G	Water	Health	60	120	Women	Men	Male	Average
77	Igg	21 Nkinga	77 Mwakabuta	5	4.38032	33.59961	1,203	1,994	2,881	73	317	6	Decreased Gradually	Scattered	48	Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	1,500,000	3,000,000	8,9,10	None	Phamacy	Dysentery,Eye Diseases,Scabies,Malaria	Scabies	Traditional Pit ,None	Primary Sch.	40	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	Women G,Youth G,Farmers' G,Cultural G	Water	Road	40	180	Women	Men,Boys	Male	Worse than Average
78	Igg	21 Nkinga	78 Nkinga	10	4.41854	33.43809	1,284	7,620	11,008	276	600	13	Increased Dramatically	Clustered	60	Minibus,Car	-	Agriculture	Livestock Keeping	None	200,000	400,000	6,7,8,	None	Dispensary	Malaria,Dysentery,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	50	40	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	30	20	Women G,Farmers' G	Water	Health	30	120	Women	Girls,Men,Boys	Male	Better than average
79	Igg	21 Nkinga	79 Ugaka	5	4.36696	33.50165	1,225	1,370	1,980	72	540	5	Increased Dramatically	Clustered	68	Car,Bicycle	-	Agriculture	Livestock Keeping	None	100,000	250,000	7,8,9,10	None	Phamacy	Malaria,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit ,None	Primary Sch.	60	40	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	5	1	VWC	Water	Health	30	300	Women	Men,Boys	Male	Worse than Average
80	Igg	21 Nkinga	80 Ulaya	9	4.38112	33.42849	1,272	3,043	4,396	110	541	6	Increased Gradually	Mixed	80	Minibus	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	6,7,8,9	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	70	50	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	40	10	VWC,Women G,Youth G	Water	Road	30	240	Women	Men	Male	Better than average
81	Igg	22 Ntobo	81 Mwabubele	5	4.17206	33.57101	1,196	3,742	5,406	196	285	7	Increased Dramatically	Concentrated	48	Car,Bicycle	-	Livestock Keeping	Agriculture	None	300,000	300,000	5,6,7	None	Dispensary	Malaria,Typhoid,Cholera	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	75	68	Grass/Mud	Mud Bricks	Keroshine Lamp	50	25	VWC	Water	Road	60	420	Women	Men	Male	Average
82	Igg	22 Ntobo	82 Mwamloli	4	4.07619	33.57001	1,183	3,307	4,941	179	314	10	Increased Gradually	Scattered	32	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	200,000	200,000	6,7,8	None	Traditional Healer	Malaria,Diarrhea,Respiratory Diseases	Malaria,DiarrheaRespiratory Diseases	None	Primary Sch.	40	40	Grass/Mud	Mud and Pole	Keroshine Lamp	2	1	VWC	Water	Road	180	180	Women	Men	Male	Average
83	Igg	22 Ntobo	83 Ntobo	5	4.14363	33.51217	1,222	4,665	6,739	169	425	11	Increased Gradually	Scattered	32	Bicycle,Minibus	-	Agriculture	Livestock Keeping	None	750,000	2,000,000	6,7,8,9,10	Dispensary	Traditional Healer	Diarrhea,Dysentery,Malaria	Malaria	Traditional Pit ,None	Primary Sch.	45	35	Grass/Mud	Mud and Pole	Keroshine Lamp	50	3	Farmers' G	Water	Health	30	120	Women	Men	Male	Average
84	Igg	23 Nyandekwa	84 Itale	3	4.30370	33.52028	1,124	2,469	3,814	138	586	4	Increased Gradually	Mixed	60	Car	-	Agriculture	Livestock Keeping	None	300,000	450,000	6,7,8	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	70	55	Iron Sheet, Others	Mud Bricks	Keroshine Lamp	2	1	Women G,Cultural G,Farmers' G	Water	Health	10	240	Women	Men	Male	Average
85	Igg	23 Nyandekwa	85 Nyandekwa	5	4.24117	33.51335	1,186	3,775	5,832	211	574	6	Increased Dramatically	Concentrated	42	Car,Motorbike,Bicycle	-	Agriculture	Livestock Keeping	None	200,000	400,000	5,6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.	50	30	Grass/Mud, Iron Sheet	Mud Bricks	Electricity,Keroshine Lamp	50	30	Cultural G	Water	Education	10	30	Women	Girls,Men,Boys	Male	Better than average
86	Igg	23 Nyandekwa	86 Usongo	4	4.29220	33.49107	1,234	2,678	4,002	145	407	6	Increased Gradually	Mixed	72	Car,Minibus	-	Agriculture	Livestock Keeping	Oil Processing	400,000	900,000	6,7,8,9	Health Centre	Health Centre	Malaria,Diarrhea	Malaria,Respiratory Diseases,Diarrhea	Traditional Pit ,None	Primary Sch., Secondary Sch.	85	70	Iron Sheet, Others	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	50	20	VWC,Women G,Youth G	Water	Road	15	30	Women	Children	Male	Worse than Average
87	Igg	24 Simbo	87 Mpogolo	6	4.59978	33.57799	1,209	2,131	3,184	115	360	6	Increased Gradually	Scattered	80	Bicycle,Minibus	-	Agriculture	Livestock Keeping	None	200,000	500,000	5,6,7,8,9,	None	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	30	10	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	WUG	Road	Water	30	480	Women	Children	Male	Worse than Average
88	Igg	24 Simbo	88 Simbo	8	4.65214	33.43262	1,236	4,459	6,661	241	1,081	4	Increased Dramatically	Linear	103	Minibus,Car,Bicycle	-	Agriculture	Livestock Keeping	Carpentry	300,000	1,000,000	6,7,8	Health Centre	Dispensary	Malaria,Dysentery,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	30	25	Iron Sheet, Concrete	Concrete Block,Burnt Bricks,Mud Bricks	Keroshine Lamp, Other	20	20	Women G,Cultural G,Youth G,VWC	Water	Health	30	120	Women	Children	Male	Better than average
89	Igg	24 Simbo	89 Tambalale	9	4.62589	33.53189	1,216	3,230	4,825	175	620	5	Increased Gradually	Scattered	60	Minibus	-	Agriculture	Livestock Keeping	Oil Processing	200,000	700,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	60	65	Grass/Mud	Mud Bricks	Keroshine Lamp	4	1	VWC,Women G	Water	Road	15	60	Women	Children	Male	Average
90	Igg	25 Sungwizi	90 Mwamala	9	4.51245	33.56830	1,203	4,259	6,153	223	570	6	Increased Gradually	Linear	50	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	6,7,8,9,10	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	40	35	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	60	5	VWC,Cultural G	Water	Health	20	180	Women	Men	Male	Average
91	Igg	25 Sungwizi	91 Mwawilu	4	4.51607	33.49213	1,248	5,269	7,612	275	250	5	Increased Gradually	Scattered	60	Minibus	-	Agriculture	Livestock Keeping	None	300,000	600,000	5,6,7,8,9	None	Dispensary	Malaria,Diarrhea	Malaria,Diarrhea,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	75	50	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	55	20	Women G	Water	Road	10	240	Women	Children	Male	Average
92	Igg	25 Sungwizi	92 Ncheli	6	4.45121	33.64280	1,183	2,942	4,250	107	335	9	Increased Gradually	Mixed	75	Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	300,000	500,000	6,7,8	None	Phamacy	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit ,None	Primary Sch.	20	5	Grass/Mud	Mud and Pole	Keroshine Lamp	1	0	na	Road	Water	30	30	Women	Girls	Male	Average
93	Igg	25 Sungwizi	93 Ngurïti	7	4.44671	33.56535	1,206	2,916	4,213	106	456	6	Increased Gradually	Mixed	60	Bicycle,Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	1,000,000	1,500,000	5,6,7,8	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases,Diarrhea	Traditional Pit ,None	Primary Sch., Secondary Sch.	50	35	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	25	15	VWC,Youth G,Cultural G	Water	Road	30	240	Women	Men	Male	Average
94	Igg	25 Sungwizi	94 Sungwizi	9	4.45293	33.52317	1,248	3,572	5,160	187	550	5	Increased Gradually	Mixed	40	Minibus	-	Livestock Keeping	Agriculture	Carpentry	300,000	400,000	6,7,8,9	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases,Eye Diseases	Traditional Pit ,None	Primary Sch.	20	10	Grass/Mud	Other	Keroshine Lamp	5	3	Cultural G,VWC	Water	Education	60	360	Women	Men	Male	Average
95	Igg	26 Ziba	95 Bulumbela	10	4.16261	33.40820	1,245	3,017	4,359	109	470	6	Increased Gradually	Mixed	60	Minibus	-	Agriculture	Livestock Keeping	None	200,000	400,000	5,6,7,8,9	Dispensary	Dispensary	Malaria,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	20	15	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	7	4	na	Water	Don't know	30	60	Women	Men,Boys	Male	Better than average
96	Igg	26 Ziba	96 Iborogelo	13	4.23229	33.46258	1,220	7,904	11,418	286	na	9	Increased Gradually	Mixed	18	Minibus,Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	200,000	500,000	5,6,7,8	None	Dispensary	Malaria,Dysentery	Diarrhea,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	45	20	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	50	30	Farmers' G,Others,VWC	Other	Health	30	180	Women	Men	Male	Better than average
97	Igg	26 Ziba	97 Ziba	14	4.23827	33.40518	1,246	6,361	9,189	230	1,105	6	Increased Dramatically	Mixed	27	Minibus,Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	300,000	1,000,000	6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	40	20	Iron Sheet, Grass/Mud	Concrete Block,Mud Bricks	Electricity,Keroshine Lamp	42	23	VWC,Carpenters' G	Water	Other	30	120	Women	Girls,Men,Boys	Male	Better than average

Table 2.2 Results of Socio-Economic Survey in Nzega District (1/3)

Serial No.	District	Ward	Village	No. of sub-village	GPS South	GPS East	GPS Altitude (m)	Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city
98	Nzg	1 Budushi	1 Budushi	7	4.79009	33.32952	1,208	2,418	3,173	105	423	6	Increased Dramatically	Scattered	85	Minibus
99	Nzg	2 Budushi	2 Itima	5	4.82794	33.30216	1,197	3,887	5,229	172	334	11	Increased Gradually	Scattered	75	Minibus
100	Nzg	2 Bukene	3 Bukene	9	4.22242	32.88667	1,189	6,683	8,769	220	1540	4	Increased Gradually	Concentrated	30	Minibus
101	Nzg	3 Igusule	4 Ilalo	8	3.93757	32.89803	1,207	3,485	4,805	158	570	6	Increased Dramatically	Clustered	55	Minibus
102	Nzg	3 Igusule	5 Mwanzwilo	6	3.96283	32.73764	1,245	2,211	2,902	96	na	7	Increased Dramatically	Scattered	75	Minibus
103	Nzg	3 Igusule	6 Sojo	7	3.94797	32.85595	1,192	4,695	6,970	229	824	5	Increased Dramatically	Mixed	32	Minibus
104	Nzg	3 Igusule	7 Wela II	6	3.95750	32.82830	1,221	4,210	5,524	182	453	7	Increased Dramatically	Scattered	48	Minibus
105	Nzg	4 Ijanija	8 Butandula	7	4.20229	33.12091	1,216	2,066	2,779	92	326	6	Increased Dramatically	Scattered	8	Walking
106	Nzg	4 Ijanija	9 Idala	7	4.19086	33.20263	1,198	2,123	2,786	70	466	5	Increased Dramatically	Mixed	10	Bicycle
107	Nzg	4 Ijanija	10 Ijanija	6	4.20229	33.12091	1,216	1,463	2,120	70	364	4	Increased Dramatically	Mixed	10	Bicycle
108	Nzg	4 Ijanija	11 Makomelo	6	4.22086	33.14367	1,214	1,005	1,319	33	214	5	Increased Gradually	Mixed	5	Bicycle
109	Nzg	4 Ijanija	12 Uchama	10	4.17554	33.17293	1,213	1,745	2,348	78	352	5	Increased Gradually	Clustered	8	Bicycle
110	Nzg	5 Ikindwa	13 Ikindwa	7	4.12774	32.89791	1,197	1,449	1,902	48	467	3	Increased Gradually	Mixed	42	Minibus,Bicycle
111	Nzg	5 Ikindwa	14 Kayombo	10	4.14302	33.88299	1,229	3,444	4,519	113	634	5	Increased Gradually	Concentrated	30	Bicycle
112	Nzg	5 Ikindwa	15 Malolo	9	4.10343	33.86233	1,199	3,982	5,225	131	595	7	Decreased Dramatically	Mixed	40	Minibus,Bicycle
113	Nzg	6 Isagenhe	16 Buhulyu	4	4.40123	32.91949	1,227	2,607	3,421	113	na	12	Increased Gradually	Mixed	30	Minibus,Bicycle
114	Nzg	6 Isagenhe	17 Isagenhe	5	4.33950	32.89537	1,220	1,855	2,558	84	360	5	Increased Dramatically	Concentrated	38	Bicycle
115	Nzg	6 Isagenhe	18 Kidete	7	4.25254	32.94142	1,202	5,875	7,709	193	600	10	Increased Gradually	Linear	24	Minibus
116	Nzg	6 Isagenhe	19 Zugimlole	5	4.35884	32.93155	1,222	4,096	5,375	177	na	12	Increased Gradually	Scattered	42	Minibus
117	Nzg	7 Isanzu	20 Ipumbuli	7	4.31733	33.05946	1,223	2,122	2,785	92	435	10	Increased Gradually	Mixed	16	Bicycle
118	Nzg	7 Isanzu	21 Isanzu	7	4.27228	33.06337	1,251	3,742	4,910	123	555	7	Increased Dramatically	Concentrated	13	Bicycle
119	Nzg	7 Isanzu	22 Kilino 'A'	8	4.28761	33.02613	1,238	1,465	1,923	64	350	5	Increased Gradually	Mixed	12	Bicycle
120	Nzg	7 Isanzu	23 Mhembe	8	4.26205	33.02901	1,246	1,872	2,457	62	320	6	Increased Dramatically	Mixed	20	Bicycle
121	Nzg	7 Isanzu	24 Shila	3	4.24757	33.10560	1,208	1,870	2,516	83	342	5	Increased Gradually	Mixed	8	Bicycle
122	Nzg	7 Isanzu	25 Upambo	3	4.36716	33.04505	1,205	1,045	1,372	35	145	12	Increased Dramatically	Scattered	23	Bicycle
123	Nzg	8 Itbo	26 Chamwabo	10	4.16788	33.01577	1,210	4,152	5,585	184	575	7	Increased Dramatically	Mixed	15	Bicycle
124	Nzg	8 Itbo	27 Itobo	9	4.16788	33.01577	1,210	3,443	4,518	113	812	4	Increased Dramatically	Mixed	19	Bicycle
125	Nzg	8 Itbo	28 Lakuyi	8	4.13618	33.02730	1,192	2,976	3,905	98	495	6	Increased Dramatically	Scattered	25	Minibus
126	Nzg	9 Itilo	29 Itilo	12	4.25714	33.18000	1,234	3,551	4,660	117	508	7	Increased Dramatically	Scattered	10	Walking
127	Nzg	9 Itilo	30 Iyombo	12	4.29719	33.11682	1,256	2,708	3,554	117	na	10	Increased Dramatically	Clustered	13	Bicycle
128	Nzg	9 Itilo	31 Silimuka	11	4.24911	33.20614	1,224	921	1,209	40	na	7	Increased Dramatically	Mixed	6	Bicycle
129	Nzg	10 Kahama Nhalanga	32 Iditima	4	4.19997	32.74913	1,212	1,075	1,446	48	250	4	Decreased Gradually	Scattered	50	Minibus
130	Nzg	10 Kahama Nhalanga	33 Kahama Nhalanga	7	4.17367	32.78502	1,215	1,976	2,593	86	na	7	Increased Gradually	Mixed	34	Minibus
131	Nzg	10 Kahama Nhalanga	34 Kilino	4	4.17923	32.81347	1,209	4,359	5,720	188	na	9	Increased Gradually	Scattered	40	Minibus
132	Nzg	10 Kahama Nhalanga	35 Nhabala	7	4.13746	32.69301	1,181	4,505	5,911	148	636	7	Increased Dramatically	Scattered	70	Minibus,Bicycle
133	Nzg	11 Karitu	36 Bulunde	8	4.33657	33.97318	1,229	1,909	2,505	63	415	5	Increased Gradually	Mixed	25	Bicycle
134	Nzg	11 Karitu	37 Gulumbai	4	4.28683	32.96832	1,245	5,303	6,958	229	na	5	Increased Dramatically	Scattered	26	Bicycle
135	Nzg	11 Karitu	38 Idubula	9	4.23725	32.99606	1,214	1,855	2,434	61	348	5	Increased Dramatically	Scattered	13	Bicycle
136	Nzg	11 Karitu	39 Itunda	5	4.28155	32.97988	1,261	2,745	3,602	119	na	5	Increased Dramatically	Linear	26	Bicycle
137	Nzg	12 Kasela	40 Kasela	6	4.09619	33.00563	1,142	2,344	3,153	104	520	4	Increased Gradually	Linear	17	Bicycle
138	Nzg	12 Kasela	41 Lububu	3	4.11986	32.98852	1,183	1,002	1,349	45	193	5	Increased Gradually	Concentrated	15	Bicycle
139	Nzg	12 Kasela	42 Nindo	5	4.04814	33.01191	1,137	2,723	4,144	136	446	5	Decreased Dramatically	Concentrated	27	Bicycle
140	Nzg	12 Kasela	43 Senge	2	4.06469	32.97617	1,147	845	1,109	28	177	5	Increased Gradually	Concentrated	28	Minibus
141	Nzg	12 Kasela	44 Udutu	7	4.14717	32.96248	1,208	2,260	2,966	75	550	4	Increased Gradually	Mixed	25	Minibus
142	Nzg	13 Lusu	45 Bujulu	4	4.01766	33.20415	1,134	2,877	3,775	95	230	13	Increased Gradually	Clustered	30	Minibus
143	Nzg	13 Lusu	46 Ifumba	5	4.99496	33.23864	1,105	3,226	4,233	106	570	6	Increased Dramatically	Scattered	25	Bicycle
144	Nzg	13 Lusu	47 Isanga	4	4.26982	33.28951	1,203	9,084	11,919	391	na	12	Increased Gradually	Linear	10	Car
145	Nzg	13 Lusu	48 Mwakabasa	3	3.91904	33.27349	1,079	2,241	3,016	99	130	17	Increased Dramatically	Scattered	32	Bicycle
146	Nzg	13 Lusu	49 Mwaluzwilo	4	4.02549	33.21790	1,128	2,754	3,705	122	589	5	Increased Dramatically	Mixed	17	Minibus
147	Nzg	13 Lusu	50 Mwasala	6	3.98664	33.32007	1,089	7,055	9,490	312	872	8	Increased Dramatically	Scattered	20	Bicycle
148	Nzg	14 Magengati	51 Ilelamhina	7	4.83654	33.02267	1,273	2,277	3,063	101	408	5	Increased Gradually	Scattered	77	Bicycle
149	Nzg	14 Magengati	52 Inagana	8	4.79457	33.08684	1,218	2,200	2,887	73	361	6	Increased Gradually	Linear	64	Car
150	Nzg	14 Magengati	53 Kaloleni	7	4.79831	33.03366	1,278	2,485	3,344	110	376	6	Increased Gradually	Scattered	72	Minibus
151	Nzg	14 Magengati	54 Magengati	5	4.81483	33.05447	1,293	1,393	1,828	46	192	7	Increased Gradually	Concentrated	40	Bicycle,Minibus
152	Nzg	14 Magengati	55 Usagali	4	4.78573	33.13831	1,244	1,702	2,234	56	313	5	Increased Gradually	Scattered	60	Car
153	Nzg	15 Mambali	56 Gulyambi	5	4.53654	32.69058	1,220	2,713	3,560	117	506	5	Increased Dramatically	Scattered	78	Minibus
154	Nzg	15 Mambali	57 Kikonoka	7	4.56504	32.67179	1,190	1,989	2,610	86	825	4	Increased Dramatically	Mixed	87	Car
155	Nzg	15 Mambali	58 Mambali	9	4.46207	32.82613	1,211	3,507	4,602	151	2581	3	Increased Dramatically	Mixed	80	Minibus
156	Nzg	15 Mambali	59 Mbutu	11	4.21321	33.18678	1,139	7,270	9,778	321	1168	6	Increased Gradually	Mixed	68	Minibus
157	Nzg	15 Mambali	60 Mwamalimu	3	4.46201	32.82609	1,205	1,961	2,574	85	na	5	Increased Dramaticall	Scattered	90	Minibus
158	Nzg	15 Mambali	61 Mwino	3	4.46201	32.82609	1,205	4,479	5,877	193	na	6	Increased Dramaticall	Scattered	98	Minibus

Serial No.	If it is inside of Forest Reserve	Economic Activities: Prime	Economic Activities: Secondary	Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses: Rainy Season	Common Illnesses: Dry Season	Toilet Facility	Education Facility
98	-	Agriculture	Livestock Keeping	None	1,000,000	800,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.
99	-	Agriculture	Livestock Keeping	None	600,000	600,000	5,6,7	None	Dispensary	DiarrheaTyphoid,Malaria	Malaria,Dysentery	Traditional Pit	Primary Sch.
100	-	Agriculture	Bussiness and Trading	Carpentry	350,000	800,000	5,6,7,8	Health Centre	Health Centre	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
101	-	Agriculture	Livestock Keeping	None	500,000	500,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
102	all	Agriculture	Livestock Keeping	Carpentry	500,000	500,000	4,5,6,7,8,9	None	Phamacy	Diarrhea,Dysentery,Malaria	Scabies	Traditional Pit	Primary Sch.
103	-	Agriculture	Livestock Keeping	None	900,000	900,000	7,8,9	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Secondary Sch.
104	all	Agriculture	Livestock Keeping	None	1,000,000	1,000,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
105	-	Agriculture	Livestock Keeping	None	500,000	500,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
106	-	Agriculture	Bussiness and Trading	Carpentry	500,000	1,00,000	6,7,8,9,10	None	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
107	-	Agriculture	Livestock Keeping	other	800,000	700,000	6,7,8	None	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
108	-	Agriculture	Livestock Keeping	Carpentry	500,000	600,000	6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
109	-	Agriculture	Livestock Keeping	None	550,000	550,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	Secondary Sch.
110	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	900,000	10,11,12,1,2	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
111	-	Agriculture	Livestock Keeping	None	150,000	300,000	6,7,8	None	Others Traditional medicines	Diarrhea,Malaria	Malaria	V. .I. P	Primary Sch.
112	-	Agriculture	Livestock Keeping	None	900,000	900,000	6,7,8,9,10	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
113	-	Agriculture	Livestock Keeping	None	900,000	900,000	5,6,7,8	Dispensary	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.
114	all	Agriculture	Livestock Keeping	None	900,000	900,000	7,8,9	Dispensary	Others	Diarrhea,Malaria	Malaria	None	Primary Sch.
115	-	Agriculture	Livestock Keeping	None	1,500,000	1,000,000	7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Diarrhea	Traditional Pit	Primary Sch.
116	-	Agriculture	Livestock Keeping	BrickMaking	900,000	900,000	7,8,9,10,11	None	Dispensary	Diarrhea,Malaria	Eye Diseases,Malaria	None	Primary Sch.
117	-	Agriculture	Livestock Keeping	None	700,000	800,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
118	-	Agriculture	Livestock Keeping	None	120,000	280,000	6,7,8,9	Dispensary	Phamacy	Malaria,Diarrhea0	Diarrhea,Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Secondary Sch.
119	-	Agriculture	Livestock Keeping	None	500,000	500,000	3,4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Diarrhea0	Malaria,Respiratory Diseases, Diarrhea0 (fungus)	Traditional Pit	Primary Sch.
120	-	Agriculture	Livestock Keeping	None	400,000	450,000	5,6,7,	None	Phamacy	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.
121	-	Agriculture	Bussiness and Trading	None	700,000	700,000	6,7,8,9	None	Hospital	Diarrhea	Diarrhea,Malaria	None	Primary Sch.
122	-	Agriculture	Livestock Keeping	None	800,000	800,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.
123	-	Agriculture	Livestock Keeping	Carpentry	600,000	600,000	6.7.8	None	Phamacy	Diarrhea,Malaria	Malaria	None	Primary Sch.
124	-	Agriculture	Livestock Keeping	None	500,000	500,000	5,6,7	Health Centre	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Secondary Sch.
125	-	Agriculture	Livestock Keeping	None	200,000	200,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Secondary Sch.
126	-	Agriculture	Livestock Keeping	Carpentry	500,000	500,000	6,7,8	None	Hospital	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.
127	-	Agriculture	Livestock Keeping	None	850,000	400,000	4,5,6,7	None	Phamacy	Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
128	-	Agriculture	Livestock Keeping	Carpentry	600,000	600,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
129	-	Agriculture	Livestock Keeping	None	150,000	200,000	6,7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria	None	Primary Sch.
130	-	Agriculture	Livestock Keeping	Carpentry	650,000	650,000	7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.
131	-	Agriculture	Livestock Keeping	None	300,000	300,000	6,7,8,9,10	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
132	-	Agriculture	Livestock Keeping	Brick Making	600,000	900,000	4,5,6,7,8,9,10	None	Phamacy	Diarrhea,Malaria	Diarrhea,Eye Diseases,Malaria,Respiratory Diseases	None	Primary Sch.
133	-	Agriculture	Livestock Keeping	Carpentry	600,000	700,000	5,6,7	Dispensary	Dispensary	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
134	-	Agriculture	Livestock Keeping	None	600,000	600,000	7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
135	-	Agriculture	Bussiness and Trading	None	700,000	720,000	4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
136	-	Agriculture	Livestock Keeping	None	600,000	600,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	None
137	-	Agriculture	Livestock Keeping	Carpentry	400,000	400,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	None
138	-	Agriculture	Livestock Keeping	other	300,000	300,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
139	-	Agriculture	Livestock Keeping	Carpentry	400,000	400,000	5,6,7	None	Dispensary	Diarrhea,Dysentery	Malaria	Traditional Pit	Primary Sch.
140	-	Agriculture	Bussiness and Trading	Carpentry	400,000	600,000	5,6,7	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
141	-	Agriculture	Bussiness and Trading	Carpentry	350,000	450,000	5,6,7	None	Health Centre	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
142	-	Agriculture	Livestock Keeping	Carpentry	800,000	800,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
143	-	Agriculture	Livestock Keeping	None	700,000	700,000	5,6,7	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
144	-	Agriculture	Livestock Keeping	None	300,000	300,000	5,6,7,8	None	Others	Diarrhea,Dysentery,Typhoid	Malaria,Respiratory Diseases,Diarrhea0	None	Primary Sch.
145	-	Agriculture	Livestock Keeping	None	700,000	800,000	5,6,7	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
146	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	1,000,000	5,6,7,8	Dispensary	Dispensary	Dysentery,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
147	-	Agriculture	Livestock Keeping	Carpentry	500,000	500,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.
148	-	Agriculture	Livestock Keeping	None	400,000	400,000	4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria	None	Primary Sch.
149	-	Agriculture	Livestock Keeping	None	320,000	450,000	4,5,6,7,8	None	Phamacy	Diarrhea,Dysentery	Malaria	Traditional Pit ,None	Primary Sch.
150	-	Agriculture	Livestock Keeping	Carpentry	400,000	400,000	4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Diarrhea,Malaria	None	Primary Sch.
151	-	Agriculture	Livestock Keeping	Carpentry	500,000	700,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria	None	Secondary Sch.
152	-	Agriculture	Livestock Keeping	None	450,000	500,000	4,5,6,7,	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.
153	-	Agriculture	Livestock Keeping	None	600,000	600,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
154	-	Agriculture	Livestock Keeping	None	350,000	400,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
155	partly	Agriculture	Livestock Keeping	None	600,000	600,000	5,6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	Secondary Sch.
156	-	Agriculture	Livestock Keeping	None	450,000	700,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	None	Primary Sch.
157	-	Agriculture	Livestock Keeping	None	400,000	600,000	6,7,8	None	Others	Diarrhea,Malaria	Malaria	Traditional Pit	None
158	-	Agriculture	Livestock Keeping	None	600,000	650,000	6,7,8	None	Others	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.

Serial No.	Literacy Rate (%) Male	Literacy Rate (%) Female	Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%) Male	Mobile Possession Rate (%) Female	Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes) Rainy season	Fetching Time (Minutes) Dry season	Responsibility for fetching water: Primary	Responsibility for fetching water: Secondary	Decision Maker	Comparison with Other Village
98	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	50	25	VWC,WUA,Farmers' G	Health	Water	10	15	Women	Girls	Male	Average
99	65	35	Grass/Mud	Mud Bricks	Keroshine Lamp	5	2	Farmers' G	Water	Health	10	30	Women	Children	Male	Worse than Average
100	70	40	Iron Sheet	Mud Bricks	Keroshine Lamp	70	25	VWC,WUG,WUA	Electricily	Water	30	45	Women	Girls	Male	Average
101	70	65	Grass/Mud	Mud Bricks	Keroshine Lamp	70	10	na	Water	Health	20	30	Women	Children	Male	Average
102	60	45	Grass/Mud	Mud Bricks	Keroshine Lamp	15	5	Women G	Water	Health	15	40	Women	Men	Male and Female	Worse than Average
103	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	70	40	Others	Water	Health	20	50	Women	Children	Male	Better than average
104	60	45	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	Women G	Water	Health	30	120	Women	Children	Male	Worse than Average
105	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	VWC,Women G,Farmers' G,Cultural G	Health	Water	10	30	Women	Others	Male	Worse than Average
106	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	25	20	Farmers' G,Cultural G	Education	Health	30	60	Women	Girls	Male	Average
107	60	30	Grass/Mud	Mud Bricks	Keroshine Lamp	60	30	VWC,Farmers' G	Health	Water	15	129	Women	Girls	Male	Average
108	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	50	30	VWC	Water	Health	30	60	Women	Girls	Male	Worse than Average
109	70	80	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Women G,Farmers' G,Cultural G	Health	Water	20	60	Women	Men	Male	Worse than Average
110	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	35	15	VWC,WUG,WUA,Farmers' G,Cultural G	Road	Health	20	30	Women	Others	Male	Average
111	40	40	Grass/Mud	Mud Bricks	Keroshine Lamp	50	30	VWC,Youth G	Water	Agricultural Surports	10	10	Women	Others	Male	Average
112	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	80	45	VWC,WUG,Cultural G	Health	Road	20	90	Women	Girls	Male	Average
113	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	Women G,Cultural G	Water	Health	20	45	Women	Children	Male	Average
114	30	20	Grass/Mud	Mud and Pole	Firewood	10	5	Youth G	Water	Road	20	120	Women	Girls	Male	Average
115	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	99	90	Women G,Farmers' G	Water	Health	30	90	Women	Men	Male	Average
116	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	60	5	VWC,Farmers' G	Health	Water	10	15	Women	Girls	Male	Average
117	55	45	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	Farmers' G	Water	Road	50	120	Women	Others	Male	Worse than Average
118	80	40	Grass/Mud	Mud Bricks	Keroshine Lamp	7	5	Women G,Carpenters' G,Cultural G	Water	Health	30	120	Women	Others	Male	Worse than Average
119	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,Women G,Others men's group	Water	Health	10	20	Women	Men	Male	Worse than Average
120	65	45	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	Cultural G	Water	Health	10	20	Women	Children	Male	Worse than Average
121	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	VWC,Women G	Water	Health	10	30	Women	Girls	Male	Average
122	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	Farmers' G,Cultural G	Water	Road	45	120	Women	Girls	Male	Worse than Average
123	65	60	Grass/Mud	Mud Bricks	Keroshine Lamp	40	15	VWC,WUG,Women G,Farmers' G,Cultural G	Water	Health	20	30	Women	Children	Male	Average
124	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	VWC,Women G,Carpenters' G	Water	Electricily	30	20	Women	Men	Male	Average
125	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Farmers' G	Water	Health	20	120	Women	Men	Male	Worse than Average
126	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	Farmers' G	Health	Water	10	20	Women	Men	Male	Average
127	75	70	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	VWC,Farmers' G,Cultural G,Othersold aged man	Water	Road	30	90	Women	Girls	Male	Worse than Average
128	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	80	40	Farmers' G	Water	Health	20	60	Women	Men	Male	Worse than Average
129	60	30	Grass/Mud	Mud Bricks	Keroshine Lamp	50	40	VWC,Women G,Farmers' G	Health	Road	20	20	Women	Girls	Male	Better than average
130	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	WUG	Water	Health	30	45	Women	Girls	Male	Average
131	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	Farmers' G	Water	Health	15	15	Women	Girls	Male	***Average***
132	70	75	Grass/Mud	Mud Bricks	Keroshine Lamp	25	2	VWC	Water	Health	20	120	Women	Children	Male	Average
133	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC,WUG,Farmers' G	Water	Health	30	90	Women	Girls	Male	Average
134	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	VWC	Water	Health	30	120	Women	Men	Male	Worse than Average
135	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,WUG,Women G	Health	Water	30	90	Women	Girls	Male	Average
136	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	45	5	VWC,Others	Education	Health	20	30	Women	Girls	Male	Better than average
137	75	75	Grass/Mud	Mud Bricks	Keroshine Lamp	40	30	VWC,Women G,Carpenters' G	Education	Road	5	30	Women	Men	Male	Better than average
138	75	70	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,Women G,Others	Water	Electricily	20	30	Women	Men	Male	Average
139	60	55	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Women G,Farmers' G	Water	Road	30	60	Women	Men	Male	Average
140	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	WUG,Women G,Farmers' G	Water	Health	20	45	Women	Girls	Male	Average
141	70	65	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	WUG,Farmers' G,Carpenters' G	Water	Health	10	30	Women	Girls	Male	Average
142	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	90	30	VWC,Farmers' G,Cultural G	Health	Water	45	90	Men	Girls	Male	Average
143	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	80	0	WUG,Farmers' G	Road	Health	15	120	Women	Others	Male	Average
144	30	20	Grass/Mud	Mud Bricks	Firewood	50	50	WUA,Women G,Farmers' G,Others	Water	Health	60	120	Women	Others	Male	Worse than Average
145	60	30	Grass/Mud	Mud Bricks	Keroshine Lamp	5	0	Farmers' G,Cultural G	Water	Health	90	120	Women	Girls	Male	Worse than Average
146	50	30	Grass/Mud	Mud Bricks	Keroshine Lamp	45	20	WUA,Women G,Farmers' G,Others	Water	Other	30	120	Women	Others	Male	Better than average
147	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	35	10.5	VWC,WUG,Women G,Farmers' G	Water	Road	5	45	Men	Women	Male	Average
148	70	70	Grass/Mud	Mud Bricks	Keroshine Lamp	25	8	na	Water	Health	15	60	Women	Children	Male	Worse than Average
149	47	32	Grass/Mud	Mud Bricks	Keroshine Lamp	43	21	VWC,Women G,Farmers' G	Water	Health	50	120	Women	Children	Male	Average
150	75	75	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	na	Water	Education	20	60	Women	Children	Male	Worse than Average
151	80	70	Concrete	Mud Bricks	Keroshine Lamp	40	30	Women G,Farmers' G,WUA	Water	Health	10	20	Women	Children	Male	Average
152	41	37	Grass/Mud	Mud Bricks	Keroshine Lamp	43	31	Women G	Water	Health	60	120	Women	Men	Male	Worse than Average
153	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	50	9	na	Water	Road	20	70	Women	Children	Male	Average
154	60	50	Grass/Mud	Mud Bricks	Firewood	30	5	VWC,Women G,Youth G	Water	Health	15	60	Women	Children	Male	Better than average
155	40	30	Concrete	Mud and Pole	Keroshine Lamp	20	10	VWC,Farmers' G	Water	Health	30	120	Women	Men	Male	Average
156	50	45	Grass/Mud	Mud and Pole	Keroshine Lamp	75	15	VWC	Water	Education	10	20	Women	Children	Male	Better than average
157	30	20	Grass/Mud	Mud and Pole	Keroshine Lamp	10	2	na	Water	Health	10	30	Women	Children	Male	Average
158	40	30	Grass/Mud	Mud and Pole	Keroshine Lamp	5	2	VWC,Women G	Water	Health	20	120	Women	Children	Male	Average

Table 2.2 Results of Socio-Economic Survey in Nzega District (2/3)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female			Rainy season	Dry season	Primary	Secondary		
159	Nzg	15 Mambali	62 Nkindu	4	4.46210	32.82609	1,205	6,005	7,880	259	733	7	Increased Gradually	Linear	85	Bicycle	partly	Agriculture	Livestock Keeping	None	300,000	450,000	3,4,5,6,7	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	75	55	Grass/Mud	Mud Bricks	Keroshine Lamp	99	80	WUA,Women G	Water	Road	30	180	Women	Men	Male and Female	Average
160	Nzg	15 Mambali	63 Shilago	4	4.21321	33.18678	1,139	2,677	3,601	119	338	8	Increased Gradually	Mixed	70	Minibus	-	Agriculture	Livestock Keeping	None	300,000	500,000	5,6,7,	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	None	Primary Sch.	40	45	Concrete	Mud and Pole	Keroshine Lamp	60	20	VWC	Water	Health	20	30	Women	Children	Male	Average
161	Nzg	16 Mbogwe	64 Mbogwe	10	4.15860	33.26280	1,189	3,361	4,410	111	693	5	Increased Dramatically	Clustered	14	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	800,000	6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	80	80	Grass/Mud	Mud Bricks	Keroshine Lamp	60	30	VWC,Women G,Farmers' G,Cultural G	Water	Health	20	60	Women	Others	Male	Worse than Average
162	Nzg	16 Mbogwe	65 Nhobola	6	4.11698	33.26448	1,152	2,295	3,088	102	323	7	Increased Gradually	Clustered	16	Bicycle	-	Agriculture	Livestock Keeping	None	350,000	750,000	4,5,6	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	25	25	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Farmers' G,Cultural G	Water	Health	30	180	Men	Women	Male	Worse than Average
163	Nzg	17 Miguwa	66 Idudumo	5	4.36572	33.36805	1,200	1,478	1,940	49	431	3	Increased Dramatically	Scattered	25	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	400,000	4,5,6,7,8	None	Others	Diarrhea,Malaria	Eye Diseases,Malaria,Respiratory Diseases	None	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	19	6	VWC,Women G,Farmers' G,Others	Water	Health	20	30	Women	Children	Male	Average
164	Nzg	17 Miguwa	67 Iduguta	7	4.21983	33.34789	1,204	5,943	7,798	256	277	8	Increased Gradually	Scattered	20	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	40	40	Grass/Mud	Mud Bricks	Keroshine Lamp	5	0	VWC,Women G,Youth G	Water	Health	30	120	Women	Girls	Male	Worse than Average
165	Nzg	17 Miguwa	68 Kitangili	7	4.20975	33.26771	1,203	2,664	3,584	118	513	5	Increased Gradually	Mixed	7	Other	-	Agriculture	Livestock Keeping	None	600,000	600,000	5,6,7,8,9,10	None	Phamacy	Diarrhea	Diarrhea0	Traditional Pit	Primary Sch.	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	VWC,Women G,Cultural G	Health	Road	15	15	Women	Girls	Male	Better than average
166	Nzg	17 Miguwa	69 Kitengwe	6	4.26631	33.25820	1,223	1,762	2,430	80	365	5	Increased Gradually	Scattered	10	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	700,000	700,000	6,7,8,9,10	None	Health Centre	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	50	50	Cultural G	Water	Health	30	120	Women	Girls	Male	Worse than Average
167	Nzg	17 Miguwa	70 Miguwa	13	4.15848	33.26256	1,198	3,436	4,622	152	605	6	Increased Dramatically	Mixed	13	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	800,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Secondary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	25	15	VWC,Women G,Farmers' G,Others	Water	Other	60	240	Women	Others	Male	Average
168	Nzg	17 Miguwa	71 Mwanzoli	8	4.27032	33.29011	1,217	2,144	2,884	95	345	6	Increased Gradually	Mixed	11	Bicycle	-	Agriculture	Livestock Keeping	None	450,000	600,000	3,4,5,6	None	Phamacy	Diarrhea,Malaria	Malaria	None	Primary Sch.	69	50	Grass/Mud	Mud and Pole	Keroshine Lamp	25	10	Farmers' G	Water	Health	10	20	Women	Children	Male	Worse than Average
169	Nzg	18 Milambo Itobo	72 Kakulungu	6	4.77564	33.96614	1,249	2,263	3,045	100	212	10	Increased Gradually	Scattered	85	Bicycle	all	Agriculture	Livestock Keeping	None	400,000	400,000	4,5,67	None	Others	Diarrhea,Malaria	Malaria	None	Primary Sch.	25	15	Grass/Mud	Mud Bricks	Keroshine Lamp	50	2	VWC,Farmers' G	Water	Education	10	30	Women	Children	Male	Better than average
170	Nzg	18 Milambo Itobo	73 Magukula	5	4.75220	33.02527	1,272	4,796	6,451	212	na	10	Increased Dramatically	Mixed	80	Bicycle	all	Agriculture	Livestock Keeping	None	300,000	300,000	4,5,6,7	None	Others	Diarrhea,Typhoid,Malaria	Malaria	None	Primary Sch.	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	na	Water	Health	15	30	Women	Children	Male	Worse than Average
171	Nzg	18 Milambo Itobo	74 Malole	3	4.77643	32.91911	1,192	2,023	2,722	90	285	7	Increased Gradually	Concentrated	91	Car	-	Agriculture	Livestock Keeping	Oil Processing	250,000	350,000	3,4,5,6,7,8	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria	Traditional Pit	None	40	25	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	na	Water	Health	15	120	Women	Children	Male and Female	Worse than Average
172	Nzg	18 Milambo Itobo	75 Milamboitobo	4	4.77365	32.89578	1,194	3,953	5,317	175	553	7	Increased Dramatically	Linear	89	Bicycle	all	Agriculture	Livestock Keeping	Carpentry	300,000	400,000	2,3,4,5,6	Health Centre	Health Centre	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	WUA,Women G,Farmers' G	Water	Health	30	180	Women	Men	Male and Female	Worse than Average
173	Nzg	19 Mizibaziba	76 Ibushi	9	4.58051	33.25995	1,291	7,230	9,487	312	570	10	Increased Dramatically	Mixed	49	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	600,000	600,000	6,7,8,9,10	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	VWC,Cultural G	Water	Health	30	120	Women	Children	Male	Average
174	Nzg	19 Mizibaziba	77 Kipungulu	5	4.58540	33.36020	1,227	1,758	2,307	58	312	6	Increased Gradually	Mixed	40	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	450,000	800,000	5,6,7,8,9	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria	None	Primary Sch.	20	20	Grass/Mud	Mud Bricks	Keroshine Lamp	80	40	WUG,Farmers' G	Water	Road	45	120	Women	Men	Male	Average
175	Nzg	19 Mizibaziba	78 Luzuko	4	4.51864	33.23091	1,261	2,059	2,702	68	355	15	Increased Dramatically	Scattered	54	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	400,000	5,6,7,8	None	Others	Diarrhea,Malaria	Malaria	None	None	45	20	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	Farmers' G,Cultural G	Water	Education	20	60	Women	Men	Male	Worse than Average
176	Nzg	19 Mizibaziba	79 Mizibaziba	5	4.54164	33.30423	1,341	16,105	21,132	694	na	8	Increased Gradually	Mixed	54	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	550,000	4,5,6,7,8	Dispensary	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	Farmers' G,Cultural G	Water	Health	10	20	Women	Girls	Male	Worse than Average
177	Nzg	20 Mogwa	80 Kagando	5	4.26461	32.75278	1,215	1,645	2,269	75	362	4	Increased Gradually	Scattered	37	Minibus	-	Agriculture	Livestock Keeping	None	300,000	450,00	5,6,7,8	None	Others	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	Women G,Others	Water	Health	15	60	Women	Children	Male	Worse than Average
178	Nzg	20 Mogwa	81 Luhumbo	5	4.39877	32.85106	1,220	2,768	3,724	123	600	5	Increased Gradually	Scattered	39	Minibus	-	Agriculture	Livestock Keeping	None	600,000	600,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.	40	35	Grass/Mud	Mud Bricks	Keroshine Lamp	15	5	Women G	Water	Health	10	20	Women	Children	Male	Worse than Average
179	Nzg	20 Mogwa	82 Mogwa	5	4.27502	32.86601	1,204	5,217	6,846	172	702	7	Increased Gradually	Linear	32	Minibus	all	Agriculture	Livestock Keeping	None	400,000	500,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Secondary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	70	35	Women G	Water	Health	10	45	Women	Men	Male and Female	Average
180	Nzg	20 Mogwa	83 Usalala	8	4.25862	32.80054	1,196	3,100	4,068	102	504	6	Increased Gradually	Linear	37	Minibus	partly	Agriculture	Livestock Keeping	None	250,000	300,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	15	3	na	Health	Road	10	10	Women	Children	Male	Better than average
181	Nzg	21 Muhugi	84 Nhumbili	10	4.36542	33.20569	1,232	3,872	5,208	171	560	7	Decreased Dramatically	Scattered	30	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	800,000	5,6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Dysentery,Malaria	None	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	Women G,Farmers' G	Water	Health	30	180	Women	Children	Male	Average
182	Nzg	21 Muhugi	85 Ubinga	10	4.41368	33.30301	1,249	1,203	1,579	52	na	8	Increased Gradually	Scattered	35	Bicycle	-	Livestock Keeping	Livestock Keeping	None	800,000	900,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery	Malaria	None	Primary Sch.	80	70	Concrete	Mud Bricks	Keroshine Lamp	45	15	Women G	Water	Road	20	180	Women	Children	Male	Average
183	Nzg	21 Muhugi	86 Upina	4	4.30351	33.26980	1,232	870	1,171	39	162	5	Decreased Dramatically	Scattered	15	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	450,000	5,6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Malaria	None	Primary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	25	4	na	Water	Health	30	240	Women	Children	Male	Average
184	Nzg	22 Mwakashanhala	87 Ibelafinga	4	4.66255	32.94869	1,183	5,556	7,290	183	432	13	Increased Dramatically	Scattered	80	Minibus	-	Agriculture	Livestock Keeping	None	550,000	700,000	2,3,4,5,6,7,8	None	Phamacy	Diarrhea,Dysentery	Dysentery,Malaria	Traditional Pit	Primary Sch.	60	42	Grass/Mud	Mud Bricks	Keroshine Lamp	55	36	na	Water	Health	20	45	Women	Men	Male and Female	Worse than Average
185	Nzg	22 Mwakashanhala	88 Kigandu	6	4.66466	33.01540	1,220	6,276	8,235	206	437	14	Increased Dramatically	Scattered	74	Minibus	-	Agriculture	Livestock Keeping	None	500,000	650,000	2,3,4,5,6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	80	20	Concrete	Mud Bricks	Keroshine Lamp	75	20	VWC	Water	Education	15	30	Men	Women	Male and Female	Average
186	Nzg	22 Mwakashanhala	89 Mwakashanhala	10	4.81468	33.05458	1,256	3,384	4,552	150	455	7	Increased Gradually	Scattered	63	Minibus	all	Agriculture	Livestock Keeping	None	400,000	450,000	6,7,8	None	Phamacy	Diarrhea,Malaria	Diarrhea,Malaria	None	Primary Sch.	50	50	Grass/Mud	Mud and Pole	Keroshine Lamp	30	15	VWC	Road	Health	5	20	children	Boys	Male	Better than average
187	Nzg	22 Mwakashanhala	90 Mwanhembo	4	4.60020	33.02425	1,186	3,392	4,451	147	270	6	Increased Dramatically	Scattered	67	Minibus	-	Agriculture	Livestock Keeping	None	300,000	300,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Diarrhea	None	None	60	50	Grass/Mud	Mud and Pole	Keroshine Lamp	20	10	na	Water	Education	20	60	children	Women	Male	Worse than Average
188	Nzg	22 Mwakashanhala	91 Ugembe II	9	4.59310	32.97257	1,189	16,105	21,132	694	537	8	Increased Dramatically	Clustered	70	Bicycle	all	Agriculture	Livestock Keeping	None	500,000	500,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	None	Primary Sch.	70	60	Grass/Mud	Mud and Pole	Keroshine Lamp	60	25	VWC	Road	Education	15	30	Women	Children	Male	Average
189	Nzg	23 Mwamala	92 Buhondo	7	3.97794	32.93870	1,151	2,625	3,445	87	396	7	Increased Dramatically	Concentrated	37	Minibus	-	Agriculture	Livestock Keeping	None	300,000	300,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	V. .L P	Primary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	Youth G	Water	Road	20	60	Women	Others	Male	Average
190	Nzg	23 Mwamala	93 Chaming'Hwa	6	4.10692	32.92040	1,184	1,009	1,324	34	277	4	Increased Gradually	Mixed	36	Minibus	-	Agriculture	Livestock Keeping	None	700,000	500,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	65	50	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	VWC,Farmers' G,Cultural G	Education	Water	10	15	Women	Men	Male	Average
191	Nzg	23 Mwamala	94 Kishili	6	4.13807	32.94712	1,233	2,114	2,774	91	na	6	Increased Gradually	Concentrated	35	Minibus	-	Agriculture	Livestock Keeping	None	300,000	300,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	60	35	Grass/Mud	Mud Bricks	Keroshine Lamp	40	25	VWC,Farmers' G	Water	Road	5	20	Women	Girls	Male	Average
192	Nzg	23 Mwamala	95 Mahene	6	4.07684	32.90456	1,170	2,232	2,929	74	513	4	Increased Gradually	Clustered	27	Bicycle	all	Agriculture	na	None	500,000	360,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	None	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	5	0	WUG,Farmers' G	Water	Health	30	120	Women	Men	Male	Worse than Average
193	Nzg	23 Mwamala	96 Mwamala	11	4.77338	32.94495	1,146	3,788	4,971	125	974	4	Increased Dramatically	Linear	32	Minibus	-	Agriculture	Livestock Keeping	Oil Processing	600,000	600,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	85	70	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	VWC,Women G,Farmers' G	Water	Education	5	30	Women	Men	Male	Average
194	Nzg	23 Mwamala	97 Nawa	2	4.02200	32.89853	1,142	1,100	1,481	49	144	7	No Change	Scattered	60	Minibus	-	Agriculture	Livestock Keeping	None	300,000	300,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	45	45	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	Women G,Farmers' G	Water	Health	60	180	Men	Women	Male	Worse than Average
195	Nzg	24 Mwangoye	98 Chamipulu	6	4.05415	33.08364	1,152	1,261	1,697	56	278	4	Increased Gradually	Clustered	Don't know	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	250,000	6,7,8	Dispensary	Dispensary	Diarrhea,Typhoid	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	75	75	Grass/Mud	Mud Bricks	Keroshine Lamp	40	30	VWC,Farmers' G	Water	Electricily	30	90	Women	Others	Male	Average
196	Nzg	24 Mwangoye	99 Igalula	7	4.11556	33.08702	1,221	1,130	1,521	50	231	5	Increased Gradually	Concentrated	26	Bicycle	-	Agriculture	Livestock Keeping	None	450,000	450,000	4,5,6,7,8,9	None	Dispensary	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch.	30	25	Grass/Mud	Mud Bricks	Keroshine Lamp	45	15	WUG,Women G	Water	Health	20	60	Women	Children	Male and Female	Average
197	Nzg	24 Mwangoye	100 Ilagaja	10	4.10820	33.08719	1,179	2,609	3,424	86	509	5	Increased Gradually	Mixed	30	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	4,5,6,7	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	15	5	WUG,Cultural G	Health	Water	60	180	Women	Girls	Male	Worse than Average
198	Nzg	24 Mwangoye	101 Kaselya	6	4.04076	33.06849	1,162	1,753	2,358	78	342	5	Increased Gradually	Clustered	Don't know	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	250,000	6,7	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Secondary Sch.	70	70	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,Farmers' G	Water	Education	20	60	Women	Others	Male	Average
199	Nzg	24 Mwangoye	102 Mwaguguli	5	4.03670	33.02510	1,146	1,191	1,563	40	217	5	Increased Gradually	Mixed	37	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	600,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	65	40	Grass/Mud	Mud Bricks	Keroshine Lamp	50	5	Cultural G	Water	Road	10	30	Women	Girls	Male	Worse than Average
200	Nzg	24 Mwangoye	103 Mwamikola	7	4.03035	33.04334	1,146	1,749	2,295	58	372	5	Increased Gradually	Mixed	37	Bicycle	-	Agriculture	Bussiness and Trading	None	550,000	700,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	5	1	VWC,WUG,Cultural G	Water	Health	30	120	Women	Girls	Male	Worse than Average
201	Nzg	24 Mwangoye	104 Sagida	10	4.08894	33.03112	1,202	2,814	3,693	93	534	5	Increased Gradually	Concentrated	4	Minibus	-	Agriculture	Livestock Keeping	Carpentry	500,000	600,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	WUG,Farmers' G,Cultural G	Road	Water	15	30	Others	Others	Male	Average
202	Nzg	25 Nata	105 Kabale	6	4.01582	33.16574	1,121	2,811	3,689	93	348	8	Increased Gradually	Clustered	23	Bicycle	-	Agriculture	Bussiness and Trading	Carpentry	500,000	900,000	4,5,6	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	90	70	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC,Farmers' G,Others	Water	Health	30	60	Women	Girls	Male and Female	Average
203	Nzg	25 Nata	106 Kanolo	6	3.99754	33.17268	1,107	2,293	3,085	102	290	8	Increased Dramatically	Clustered	30	Minibus	-	Agriculture	Livestock Keeping	None	2,000,000	2,000,000	6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria,	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	90	80	Grass/Mud	Mud Bricks	Keroshine Lamp	70	50	VWC,Women G,Cultural G	Water	Health	40	40	Women	Girls	Male	Average
204	Nzg	25 Nata	107 Kilabili	7	4.05147	33.11356	1,139	3,329	4,368	144	322	6	Increased Dramatically	Clustered	21	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	650,000	700,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	90	90	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	Farmers' G	Water	Health	120	240	Women	Girls	Male	Worse than Average

Table 2.2 Results of Socio-Economic Survey in Nzega District (3/3)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female				Rainy season	Dry season	Primary	Secondary		
205	Nzg	25 Nata	108 Mwabangu	6	4.05100	33.11143	1,137	4,770	6,259	206	422	6	Increased Dramatically	Clustered	15	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	600,000	800,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	95	95	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	na	Water	Health	120	240	Women	Girls	Male	Worse than Average
206	Nzg	25 Nata	109 Nata	6	4.02722	32.13173	1,154	6,553	8,814	290	1,079	6	Increased Dramatically	Concentrated	24	Minibus	-	Agriculture	Bussiness and Trading	Carpentry	3,000,000	3,000,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases,Eye Diseases	Traditional Pit	Secondary Sch.	85	80	Iron Sheet	Burnt Bricks	Keroshine Lamp	90	85	VWC,Farmers' G,Others	Water	Health	10	20	Men	Women	Male	Better than average
207	Nzg	26 Ndala	110 Kampala	6	4.75420	33.23573	1,260	2,717	3,655	120	470	6	Increased Gradually	Mixed	68	Minibus	-	Agriculture	Bussiness and Trading	None	700,000	700,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	50	15	VWC,WUG	Water	Health	15	30	Women	Girls	Male	Worse than Average
208	Nzg	26 Ndala	111 Mabisilo	5	4.67640	33.22688	1,253	2,547	3,342	84	614	4	Increased Dramatically	Mixed	76	Minibus	-	Agriculture	Livestock Keeping	None	150,000	200,000	4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	18	Farmers' G,Cultural G	Water	Other	10	60	Women	Children	Male	Average
209	Nzg	26 Ndala	112 Uhemeli	8	4.77366	33.23901	1,246	6,590	9,085	299	456	14	Increased Dramatically	Mixed	70	Minibus	-	Agriculture	Livestock Keeping	None	300,000	500,000	4,5,6,7,8	None	Phamacy	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	65	58	Grass/Mud	Burnt Bricks	Keroshine Lamp	30	20	VWC,Farmers' G	Water	Electricily	15	60	Women	Men	Male	Average
210	Nzg	26 Ndala	113 Wita	5	4.73645	33.29891	1,226	3,122	4,097	135	350	10	Increased Gradually	Scattered	75	Minibus	-	Agriculture	Livestock Keeping	None	800,000	800,000	3,4,5,6,7	None	Phamacy	Diarrhea	Malaria	Traditional Pit	Primary Sch.	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	40	VWC,Women G	Water	Education	15	30	Women	Children	Male	Average
211	Nzg	27 Nkiniziwa	114 Mbagwa	7	4.57905	33.10152	1,222	5,304	7,134	235	586	9	Increased Gradually	Scattered	80	Car	-	Agriculture	Livestock Keeping	Oil Processing	450,000	400,000	6,7,8,9	None	Health Centre	Diarrhea,Dysentery	Malaria	Traditional Pit	Primary Sch.	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,Farmers' G,Carpenters' G,Women G	Water	Health	15	60	Women	Children	Male and Female	Average
212	Nzg	27 Nkiniziwa	115 Ngukumo	9	4.58617	33.16053	1,258	5,609	7,360	242	529	11	Increased Dramatically	Clustered	36	Bicycle	-	Agriculture	Livestock Keeping	None	350,000	350,000	5,6,7	None	Phamacy	Diarrhea,Typhoid,Malaria	Eye Diseases,Malaria,Diarrhea0	Traditional Pit	Primary Sch.	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	70	30	Farmers' G,Cultural G	Water	Health	30	120	Women	Others	Male	Worse than Average
213	Nzg	27 Nkiniziwa	116 Nkiniziwa	9	4.58617	33.16053	1,258	4,421	5,801	146	715	6	Increased Dramatically	Clustered	46	Bicycle	all	Agriculture	Livestock Keeping	None	300,000	400,000	5,6,7	Dispensary	Phamacy	Diarrhea,Malaria	Diarrhea,Eye Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	70	40	VWC,Women G,Farmers' G	Water	Health	30	180	Women	Others	Male	Average
214	Nzg	27 Nkiniziwa	117 Nkuge	8	4.51357	33.01626	1,208	1,824	2,394	79	365	7	Increased Gradually	Scattered	90	Car	all	Agriculture	Livestock Keeping	Oil Processing	500,000	500,000	6,7,8,9	None	Phamacy	Diarrhea	Diarrhea,Dysentery	V...I. P	Primary Sch.	10	5	Grass/Mud	Mud Bricks	Keroshine Lamp	20	3	WUG,Farmers' G,Carpenters' G	Water	Health	5	15	Women	Children	Male and Female	Worse than Average
215	Nzg	28 Nzega Ndogo	118 Undomo	12	4.14374	33.21765	1,161	3,192	4,294	141	547	6	Increased Dramatically	Scattered	15	Bicycle	-	Agriculture	Livestock Keeping	None	1,500,000	1,500,000	6,7,8	Dispensary	Dispensary	Dysentery	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	85	80	Grass/Mud	Mud Bricks	Keroshine Lamp	78	78	VWC,Youth G,Cultural G	Water	Road	15	60	Women	Others	Male	Worse than Average
216	Nzg	28 Nzega Ndogo	119 Zogolo	17	4.09633	33.14866	1,132	4,164	5,602	184	1,172	3	Increased Gradually	Clustered	14	Bicycle	-	Agriculture	Bussiness and Trading	Carpentry	1,000,000	1,000,000	5,6,7	Health Centre	Health Centre	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	95	80	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Farmers' G,Cultural G	Water	Education	30	90	Women	Men	Male	Average
217	Nzg	29 Puge	120 Busondo	7	4.68786	33.17633	1,221	4,589	6,173	203	1044	4	Increased Gradually	Scattered	64	Car	-	Agriculture	Livestock Keeping	None	500,000	500,000	6,7,8,9	Health Centre	Phamacy,Dispensary	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	Primary Sch.	75	70	Concrete	Mud Bricks	Keroshine Lamp	70	50	VWC,Farmers' G	Water	Other	10	30	Women	Others	Male	Average
218	Nzg	29 Puge	121 Isuhna	4	4.75872	33.14247	1,232	1,766	2,377	78	325	5	Increased Gradually	Scattered	68	Minibus	-	Agriculture	Livestock Keeping	None	4,000,000	500,000	6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	65	60	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	Farmers' G,Cultural G	Water	Health	15	30	Women	Men	Male	Average
219	Nzg	29 Puge	122 Upungu	5	4.73261	33.17281	1,255	4,149	5,444	137	886	5	Increased Gradually	Concentrated	63	Minibus	-	Agriculture	Bussiness and Trading	Oil Processing	600,000	700,000	5,6,7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	80	50	VWC,Cultural G	Water	Electricily	15	30	Women	Girls	Male	Average
220	Nzg	30 Semembela	123 Kasanga	7	4.32773	32.66690	1,274	2,510	3,294	109	633	7	Increased Dramatically	Concentrated	80	Minibus	-	Agriculture	Livestock Keeping	None	300,000	3,000,000	5,6,7	None	Others	Diarrhea,Typhoid,Malaria	Diarrhea,Malaria	None	Primary Sch.	30	30	Grass/Mud	Mud and Pole	Keroshine Lamp	5	2	Youth G	Water	Road	10	15	Women	Girls	Male	Average
221	Nzg	30 Semembela	124 Mbooga	5	4.25627	32.54729	1,234	5,436	7,133	234	403	7	Increased Gradually	Scattered	95	Minibus	-	Agriculture	Livestock Keeping	None	350,000	400,000	3,4,5	Dispensary	Others	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.	45	40	Grass/Mud	Mud and Pole	Keroshine Lamp	10	5	Women G	Water	Road	20	60	Women	Children	Male	Worse than Average
222	Nzg	30 Semembela	125 Nsumba	4	4.39146	32.78155	1,213	1,264	1,832	61	160	7	Increased Gradually	Scattered	82	Minibus	-	Agriculture	Livestock Keeping	None	300,000	300,000	5,6,7,	None	Others	Diarrhea,Malaria	Malaria	None	Primary Sch.	40	40	Concrete	Mud and Pole	Keroshine Lamp	10	5	na	Water	Road	30	180	Women	Children	Male	Worse than Average
223	Nzg	30 Semembela	126 Semembela	10	4.32773	32.66690	1,274	2,966	3,892	128	737	7	Increased Gradually	Linear	78	Minibus,Bicycle	all	Agriculture	Livestock Keeping	None	400,000	450,000	4,5,6,7	Health Centre	Health Centre	Diarrhea,Malaria	Malaria	None	Secondary Sch.	40	35	Grass/Mud	Mud Bricks	Keroshine Lamp	13	5	Women G,Youth G,Farmers' G	Water	Road	30	60	Women	Children	Male	Worse than Average
224	Nzg	30 Semembela	127 Uguluma	5	4.37574	32.65726	1,204	2,213	2,904	96	na	8	Increased Gradually	Clustered	79	Minibus	-	Agriculture	Livestock Keeping	None	400,000	400,000	4,5,6,7	None	Traditional Healer	Diarrhea,Malaria	Cholera	None	Primary Sch.	38	20	Grass/Mud	Mud Bricks	Keroshine Lamp	13	7	na	Water	Health	35	160	Women	Men	Male	Worse than Average
225	Nzg	31 Shigamba	128 Kagongwa	7	4.20512	33.09400	1,200	2,055	2,697	89	na	7	Increased Gradually	Mixed	13	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	600,000	5,6,7	None	Hospital	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,Farmers' G	Water	Health	30	120	Women	Girls	Male	***Average***
226	Nzg	31 Shigamba	129 Shigamba	12	4.19907	33.06178	1,254	1,405	1,938	64	560	2	Increased Dramatically	Scattered	17	Bicycle	-	Agriculture	Livestock Keeping	BrickMaking	350,000	500,000	5,6,7	None	Traditional Healer	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	5	2	VWC,Women G,Cultural G	Water	Health	20	30	Women	Others	Male	***Average***
227	Nzg	32 Sigili	130 Bulambuka	3	3.92083	33.60726	1,193	1,303	1,710	43	285	6	Increased Gradually	Mixed	57	Minibus	-	Agriculture	Bussiness and Trading	Carpentry	1,000,000	1,000,000	5,6,7,8,9,10	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	40	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Women G,Farmers' G,Cultural G	Water	Health	30	60	Others	Others	Male	Worse than Average
228	Nzg	32 Sigili	131 Iboja	5	3.91411	32.93532	1,176	1,628	2,137	54	361	5	Increased Gradually	Mixed	70	Minibus	-	Agriculture	Bussiness and Trading	Blacksmith	800,000	800,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria	None	Primary Sch.	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	Cultural G	Water	Health	20	30	Men	Women	Male	Worse than Average
229	Nzg	32 Sigili	132 Lyamalagwa	4	3.95944	33.04896	1,068	1,434	1,929	64	210	7	Increased Gradually	Linear	45	Bicycle	-	Agriculture	Livestock Keeping	None	900,000	900,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch.	65	45	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	Women G,Others	Water	Road	20	120	Women	Children	Male	Worse than Average
230	Nzg	32 Sigili	133 Sigili	11	3.92825	32.99100	1,156	4,285	5,623	141	679	6	Increased Gradually	Mixed	78	Minibus	-	Agriculture	Bussiness and Trading	Milling	900,000	800,000	5,6,7,8,9	Dispensary	Phamacy	Diarrhea,Malaria	Malaria	None	Primary Sch., Secondary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	70	40	VWC,WUG,Cultural G	Water	Health	180	240	Women	Children	Male	Worse than Average
231	Nzg	33 Tongi	134 Chabutwa	4	4.71511	33.32268	1,202	1,810	2,436	80	388	5	Increased Gradually	Linear	86	Minibus	-	Agriculture	Livestock Keeping	None	300,000	360,000	4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Diarrhea	None	Primary Sch.	74	50	Grass/Mud	Burnt Bricks	Keroshine Lamp	60	20	Women G,Farmers' G,Cultural G	Water	Health	10	40	Women	Children	Male	Worse than Average
232	Nzg	33 Tongi	135 Mangashini	5	4.69683	33.35481	1,217	2,035	2,738	90	330	6	Increased Dramatically	Scattered	90	Car	-	Agriculture	Livestock Keeping	Oil Processing	300,000	450,000	5,6,7,8	None	Phamacy	Diarrhea,Dysentery	Malaria	Traditional Pit ,None	Primary Sch.	80	65	Grass/Mud	Mud Bricks	Keroshine Lamp	75	30	WUA,Women G,Farmers' G	Water	Health	30	60	Women	Men	Male and Female	Average
233	Nzg	33 Tongi	136 Ndekeli	8	4.65493	33.07843	1,260	4,514	6,072	200	902	5	Increased Dramatically	Linear	60	Car	-	Agriculture	Livestock Keeping	None	400,000	400,,000	4,5,6,7	Dispensary	Dispensary	Diarrhea,Dysentery	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	60	60	Grass/Mud	Mud and Pole	Keroshine Lamp	70	20	WUA,Women G,Farmers' G	Education	Road	30	45	Women	Children	Male and Female	Average
234	Nzg	33 Tongi	137 Nkingamalucha	4	4.59676	33.37073	1,207	1,952	2,626	87	372	5	Increased Gradually	Clustered	57	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	150,000	700,000	3,4,5,6	None	Phamacy	Diarrhea,Malaria	Diarrhea,Malaria	None	Primary Sch.	40	30	Grass/Mud	Burnt Bricks	Keroshine Lamp	30	20	Women G	Water	Health	10	30	Women	Children	Male	Worse than Average
235	Nzg	33 Tongi	138 Tumbi	5	4.60557	33.30026	1,260	2,805	3,774	124	426	6	Increased Gradually	Mixed	49	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	250,000	2,500,000	3,4,5,6,	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea	None	Primary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	15	Women G	Water	Education	20	70	Women	Children	Male	Worse than Average
236	Nzg	34 Uduka	139 Kabanga	5	4.18028	32.93029	1,192	1,836	2,409	61	409	4	Increased Dramatically	Concentrated	35	Minibus	-	Agriculture	Livestock Keeping	None	900,000	900,000	6,7,8,9,10	None	Traditional Healer	Diarrhea	Malaria	None	Primary Sch.	35	20	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	Women G,Farmers' G	Water	Road	10	20	Women	Children	Male	Average
237	Nzg	34 Uduka	140 Uduka	3	4.19775	32.90545	1,259	1,852	2,554	84	363	5	Increased Gradually	Clustered	38	Minibus	-	Agriculture	Livestock Keeping	None	800,000	800,000	7,8,9,10,11	Health Centre	Others Traditional medicines	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	50	40	Grass/Mud	Burnt Bricks	Keroshine Lamp	80	70	Women G,Farmers' G,Cultural G	Electricily	Road	15	15	Women	Children	Male	Better than average
238	Nzg	34 Uduka	141 Usongwanhala	3	4.20137	32.88660	1,196	976	1,381	46	170	6	Increased Dramatically	Mixed	40	Minibus	-	Agriculture	Livestock Keeping	None	250,000	300,000	7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	60	50	Farmers' G,Cultural G	Water	Road	5	5	Women	Others	Male	Average
239	Nzg	35 Utwigu	142 Isalalo	6	4.32578	33.19080	1,210	2,411	3,244	107	450	5	Increased Dramatically	Scattered	13	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	300,000	5,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	75	55	Grass/Mud	Mud Bricks	Keroshine Lamp	75	25	VWC,Women G,Farmers' G	Water	Road	20	180	Women	Men	Male	Worse than Average
240	Nzg	35 Utwigu	143 Ishiki	3	4.40481	33.10748	1,216	1,697	2,227	74	na	8	Increased Dramatically	Scattered	27	Bicycle	all	Agriculture	Livestock Keeping	None	600,000	600,000	5,67,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	55	30	Grass/Mud	Mud Bricks	Keroshine Lamp	70	50	VWC,Farmers' G	Water	Road	30	240	Women	Men	Male	Worse than Average
241	Nzg	35 Utwigu	144 Kipilimuka	8	4.42665	33.00668	1,217	3,336	4,488	148	550	6	Increased Dramatically	Scattered	45	Bicycle	-	Agriculture	Livestock Keeping	None	550,000	550,000	5,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea,Typhoid,Malaria	Traditional Pit	Primary Sch.	45	40	Grass/Mud	Mud Bricks	Keroshine Lamp	80	15	VWC,Farmers' G	Water	Road	10	120	Women	Men	Male	Worse than Average
242	Nzg	35 Utwigu	145 Mwambaha	6	4.44998	33.16754	1,239	3,166	4,260	140	715	4	Increased Dramatically	Linear	20	Car	all	Agriculture	Livestock Keeping	None	300,000	300,000	5,6,7,8,9	None	Dispensary	Diarrhea,Dysentery	Malaria	Traditional Pit	Primary Sch.	75	25	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	WUG,Women G,Youth G,Carpenters' G	Water	Health	10	60	Women	Children	Male and Female	Worse than Average
243	Nzg	35 Utwigu	146 Mwanhala	5	4.36027	33.15329	1,219	2,859	4,141	136	536	5	Increased Dramatically	Concentrated	15	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	600,000	5,6,7,8	Health Centre	Health Centre	Diarrhea,Dysentery	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	WUG,Women G,Farmers' G	Water	Road	20	60	Women	Children	Male	Average
244	Nzg	35 Utwigu	147 Mwantundu	4	4.46237	33.08799	1,203	1,910	2,507	83	340	8	Increased Dramatically	Scattered	31	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	700,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	45	15	Grass/Mud	Mud Bricks	Keroshine Lamp	80	75	Farmers' G	Water	Health	30	180	Women	Men	Male	Worse than Average
245	Nzg	35 Utwigu	148 Utwigu	7	4.32938	33.16352	1,241	1,736	2,336	77	372	5	Increased Dramatically	Scattered	15	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	250,000	5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	45	Grass/Mud	Mud Bricks	Keroshine Lamp	65	40	VWC,Farmers' G	Water	Health	30	180	Women	Men	Male	Worse than Average
246	Nzg	36 Wela	149 Gulumuni	5	4.16792	33.35237	1,171	1,077	1,449	48	179	6	Increased Gradually	Mixed	20	Bicycle	-	Agriculture	Livestock Keeping	None	700,000	720,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	40	40	Grass/Mud	Mud Bricks	Keroshine Lamp	15	5	VWC,Farmers' G,Cultural G	Health	Water	15	30	Women	Men	Male	Worse than Average
247	Nzg	36 Wela	150 Maliilita	6	4.10773	33.32300	1,175	2,153	2,896	95	407	5	Increased Gradually	Scattered	28	Walking	-	Agriculture	Livestock Keeping	None	1,000,000	1,000,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria,Diarrhea0	Malaria,Dysentery	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	25	7	VWC,Farmers' G	Water	Education	30	60	Women	Others	Male	Worse than Average
248	Nzg	36 Wela	151 Mwansambo	4	4.06397	33.26260	1,201	990	1,332	44	154	6	Increased Dramatically	Mixed	32	Bicycle	-	Agriculture	Livestock Keeping	None	700,000	700,000	5,6,7,8	None	Dispensary,Health Centre	Diarrhea,Dysentery,Malaria	Malaria	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	WUG,Farmers' G,Cultural G	Road	Water	10	60	Women	Girls	Male	Worse than Average
249	Nzg	36 Wela	152 Wela	6	4.15505	33.30120	1,224	1,753	2,358	78	347	5	Increased Gradually	Clustered	22	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	400,000	4,5,6,7	None	Dispensary	Diarrhea,Diarrhea0	Dysentery,Malaria	Traditional Pit	Secondary Sch.	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,Women G,Farmers' G,Cultural G	Water	Other	20	60	Women	Others	Male	Average

Table 2.3 Results of Socio-Economic Survey in Sikonge District (1/1)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m³	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female				Rainy season	Dry season	Primary	Secondary		
250	Skg	1 Chabutwa	1 Chabutwa	2	5.83009	32.74278	1,178	1,667	2,520	92	265	6	Increased Gradually	Mixed	8	Bicycle	-	Agriculture	Beekeeping	Brick Making	150,000	1,000,000	6,7,8	None	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	70	65	Grass/Mud	Mud Bricks	Keroshine Lamp	80	70	VWC,Women G,Farmers' G,Cultural G	Water	Health	10	30	Women	Men	Male	Worse than Average
251	Skg	1 Chabutwa	2 Kabanga	3	5.78200	32.77854	1,197	1,311	1,915	48	156	8	Increased Gradually	Clustered	40	Bicycle	-	Agriculture	Livestock Keeping	None	350,000	800,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	70	30	VWC,Women G,Farmers' G	Water	Health	20	120	Women	Girls	Male	Average
252	Skg	1 Chabutwa	3 Kikungu	3	5.83009	32.74278	1,171	3,102	4,529	166	255	6	Increased Gradually	Linear	8	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	600,000	6,7,8,9,10	None	Health Centre	Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	46	35	Grass/Mud	Mud Bricks	Keroshine Lamp	70	60	VWC,Farmers' G	Water	Health	30	60	Women	Girls	Male	Average
253	Skg	1 Chabutwa	4 Kipanga Milimani	4	5.70857	32.81815	1,136	1,977	3,430	126	214	8	Increased Dramatically	Scattered	16	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	400,000	6,7,8	None	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Women G,Farmers' G,Carpenters' G	Water	Health	5	5	Women	Others	Male	Average
254	Skg	1 Chabutwa	5 Mitwigu	4	5.71519	32.77604	1,105	2,115	3,088	78	375	6	Increased Dramatically	Clustered	18	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	500,000	6,7	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Farmers' G	Water	Road	10	60	Women	Others	Male	Average
255	Skg	2 Igigwa	6 Igigwa	8	5.38070	32.79154	1,230	11,462	16,735	419	1,462	8	Increased Dramatically	Scattered	30	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	5,6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.	50	30	Grass/Mud	Mud and Pole	Keroshine Lamp	80	60	VWC,Women G,Farmers' G	Water	Road	60	120	Women	Others	Male	Average
256	Skg	2 Igigwa	7 Kasandalala	5	5.43002	32.74363	1,101	2,282	3,332	84	282	8	Increased Gradually	Scattered	27	Bicycle	-	Agriculture	Livestock Keeping	None	700,000	1,800,000	6,7,8,9	None	Health Centre	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	30	Grass/Mud	Mud and Pole	Firewood	60	20	VWC,Women G,Farmers' G	Water	Health	5	30	Women	Children	Male	Average
257	Skg	2 Igigwa	8 Lufwisi	3	5.50538	32.81250	1,184	2,694	4,214	154	342	7	Increased Dramatically	Clustered	16	Bicycle	partly	Agriculture	Livestock Keeping	None	200,000	550,000	5,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch.	40	10	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,Farmers' G,Cultural G	Water	Road	20	60	Women	Girls	Male	Average
258	Skg	2 Igigwa	9 Migumbu	5	5.44320	32.93982	1,217	3,290	4,804	121	470	7	Increased Dramatically	Clustered	40	Bicycle	all	Agriculture	Livestock Keeping	None	500,000	750,000	6,7,8,9	None	Dispensary	Diarrhea,Typhoid,Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	70	30	Grass/Mud	Mud and Pole	Keroshine Lamp	70	20	na	Water	Health	10	180	Women	Men	Male	Worse than Average
259	Skg	2 Igigwa	10 Tumbili	3	5.45845	32.77074	1,239	1,136	1,659	42	342	3	Increased Gradually	Clustered	27	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	4,5,6,7,8,	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	75	40	VWC,Women G,Farmers' G	Water	Health	20	120	Women	Children	Male	Average
260	Skg	3 Ipole	11 Idekamiso	3	5.93626	32.77176	1,148	1,658	2,507	92	212	8	Increased Dramatically	Clustered	45	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	850,000	6,7,8,9	None	Dispensary	Diarrhea,Typhoid,Malaria,Diarrhea0(bilhazia)	Malaria	Traditional Pit	Primary Sch.	30	15	Grass/Mud	Mud and Pole	Keroshine Lamp	70	10	VWC,Women G,Farmers' G	Water	Health	10	30	Women	Girls	Male	Average
261	Skg	3 Ipole	12 Ipole	6	5.78913	32.73090	1,075	2,860	4,474	164	518	5	Increased Gradually	Mixed	20	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	200,000	500,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	70	Grass/Mud	Mud Bricks	Keroshine Lamp	60	30	VWC,WUA,Women G,Farmers' G	Water	Electricity	30	120	Women	Girls	Male	Average
262	Skg	3 Ipole	13 Makazi	4	5.76655	32.72258	1,118	865	1,263	32	294	3	Increased Dramatically	Clustered	23	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	600,000	6,7,8,9	None	Dispensary	Diarrhea,Typhoid,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud and Pole	Keroshine Lamp	30	10	na	Water	Health	10	30	Women	Others	Male	Average
263	Skg	3 Ipole	14 Msuwa	4	5.83017	32.74527	1,190	2,311	3,615	132	218	10	Increased Gradually	Linear	31	Bicycle	-	Agriculture	Livestock Keeping	None	365,000	1,300,000	9,10,11,12	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.	25	21	Grass/Mud	Mud Bricks	Keroshine Lamp	27	12	VWC,Farmers' G,Cultural G	Water	Health	30	60	Women	Girls	Male	Average
264	Skg	3 Ipole	15 Udongo	3	5.73935	32.72671	1,151	612	894	23	264	2	Increased Dramatically	Linear	15	Bicycle	-	Agriculture	Beekeeping	None	300,000	1,000,000	6,7,8,9,10	None	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	70	30	VWC,WUA,Women G,Farmers' G,Carpenters' G	Health	Education	10	20	Women	Men	Male	Average
265	Skg	3 Ipole	16 Utimule	3	5.97031	32.79218	1,180	5,911	8,630	216	319	19	Increased Dramatically	Scattered	40	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	300,000	500,000	5,6,7,8,9,10,11	Dispensary	Dispensary	Diarrhea,Malaria,Respiratory Diseases	Diarrhea,Malaria	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Farmers' G	Water	Health	10	120	Women	Men	Male	Average
266	Skg	4 Kiloleli	17 Kanyamsenga	4	5.89697	33.01081	1,151	2,825	4,125	151	dna	5	Increased Gradually	Linear	55	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	6,7,8,9	None	Dispensary	Diarrhea,Dysentery,Malaria, Respiratory Diseases	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	55	10	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	Farmers' G	Water	Health	60	120	Women	Others	Male	Worse than Average
267	Skg	4 Kiloleli	18 Kiloleli	4	5.88096	32.97993	1,177	4,599	6,715	246	dna	5	Increased Dramatically	Linear	48	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	6,7,8,9,10	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	72	48	Grass/Mud	Mud Bricks	Keroshine Lamp	60	10	VWC,Women G,Farmers' G	Water	Communication Network	25	240	Women	Others	Male	Better than average
268	Skg	4 Kiloleli	19 Mtakuja	4	5.90764	32.92322	1,142	4,347	6,570	240	620	7	Increased Dramatically	Clustered	56	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	700,000	5,6,7,8	None	Dispensary	Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	45	30	Grass/Mud	Mud Bricks	Keroshine Lamp	45	35	VWC,Farmers' G	Water	Health	15	180	Women	Girls	Male	Average
269	Skg	5 Kiloli	20 Majojoro	2	6.91669	33.46436	1,224	972	1,420	36	162	6	Increased Gradually	Clustered	200	Minibus	-	Agriculture	Livestock Keeping	None	300,000	500,000	5,6,7	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	5	2	VWC,Women G	Water	Road	10	60	Women	Girls	Male	Average
270	Skg	5 Kiloli	21 Mwitiko	2	6.82559	33.36190	1,218	1,700	2,482	63	325	5	Increased Gradually	Concentrated	170	Minibus	-	Agriculture	Livestock Keeping	None	400,000	600,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	15	2	VWC,Women G,Farmers' G	Water	Road	15	120	Women	Others	Male	Average
271	Skg	6 Kipanga	22 Isanjandugu	3	5.64985	32.96104	1,180	1,838	2,779	102	125	14	Increased Gradually	Clustered	30	Bicycle	all	Agriculture	Livestock Keeping	None	500,000	800,000	6,7,	None	Health Centre	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	20	5	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC	Water	Health	10	60	Women	Girls	Male	Average
272	Skg	6 Kipanga	23 Imalampaka	3	5.80950	32.92328	1,212	2,127	3,445	126	296	6	Increased Gradually	Mixed	36	Minibus	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	6,7,8,9,10	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	85	80	Grass/Mud	Mud Bricks	Keroshine Lamp	80	50	Women G,Farmers' G	Water	Health	30	60	Women	Others	Male	Average
273	Skg	6 Kipanga	24 Lembeli	3	5.84165	32.90849	1,145	3,293	4,978	182	638	5	Increased Dramatically	Clustered	45	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	900,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	55	45	Grass/Mud	Mud Bricks	Keroshine Lamp	75	5	VWC,Farmers' G	Water	Road	20	30	Women	Girls	Male	Average
274	Skg	6 Kipanga	25 Mwanamkata	4	5.79417	32.97103	1,223	1,228	1,793	45	160	8	Increased Dramatically	Scattered	37	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	1,200,000	6,8,8	None	Dispensary	Diarrhea,Malaria,Respiratory Diseases	Diarrhea,Dysentery,Malaria	Traditional Pit	Primary Sch.	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	na	Water	Health	30	60	Women	Others	Male	Worse than Average
275	Skg	6 Kipanga	26 Ukondamoyo	3	5.79797	32.88434	1,137	2,851	4,309	158	259	11	Increased Gradually	Clustered	30	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	500,000	6,7,8,9	None	Health Centre	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	70	40	Iron Sheet	Mud Bricks	Keroshine Lamp	60	20	VWC,Cultural G	Water	Road	5	30	Women	Girls	Male	Average
276	Skg	6 Kipanga	27 Urafiki	5	5.69710	32.90444	1,192	1,623	2,453	90	347	5	Increased Dramatically	Clustered	33	Bicycle	-	Agriculture	Livestock Keeping	None	150,000	350,000	6,7	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	VWC,Farmers' G	Water	Health	20	180	Women	Girls	Male	Average
277	Skg	6 Kipanga	28 Usunga	4	5.70395	35.94035	1,166	1,894	2,766	70	421	4	Increased Dramatically	Linear	33	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	80	20	VWC,Women G,Farmers' G	Water	Health	60	180	Women	Others	Male	Average
278	Skg	7 Kipili	29 Kilumbi	3	6.29882	33.84592	1,360	8,442	12,326	309	843	10	Increased Dramatically	Mixed	300	Minibus	-	Agriculture	Livestock Keeping	None	400,000	500,000	4,5,6,7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	20	Grass/Mud	Mud and Pole	Keroshine Lamp	5	1	VWC,Farmers' G,Cultural G	Water	Education	30	120	Women	Others	Male	Average
279	Skg	7 Kipili	30 Kiyombo	5	6.29918	33.84501	1,435	4,037	5,894	148	615	7	Increased Dramatically	Mixed	377	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	300,000	600,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	75	62	Iron Sheet	Mud Bricks	Keroshine Lamp	35	20	VWC,Women G,Farmers' G,Carpenters' G,Cultural G	Water	Health	60	60	Women	Others	Male	Better than average
280	Skg	7 Kipili	31 Matagata	5	6.08499	33.94699	1,424	2,220	3,242	82	210	11	Increased Gradually	Clustered	400	Minibus	-	Agriculture	Livestock Keeping	None	500,000	700,000	1,6,7,8,12	None	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	None	30	35	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	na	Water	Education	5	5	Women	Men	Male	Worse than Average
281	Skg	7 Kipili	32 Zugimlole	7	6.05573	33.92444	1,580	3,335	4,869	122	766	4	Increased Gradually	Clustered	345	Motor bike	-	Agriculture	Beekeeping	None	200,000	500,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Farmers' G	Water	Health	60	120	Women	Others	Male	Average
282	Skg	8 Kitunda	33 Mgambo	3	5.49015	32.67385	1,113	3,107	4,537	114	620	5	Increased Dramatically	Clustered	168	Minibus	-	Agriculture	Beekeeping	None	350,000	720,000	6,7,8	Health Centre	Health Centre	Typhoid,Malaria	Typhoid,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	70	10	VWC,Farmers' G,Cultural G	Water	Education	30	120	Women	Others	Male	Average
283	Skg	8 Kitunda	34 Mwenge	5	6.85012	33.22287	1,179	3,623	5,290	133	895	4	Increased Gradually	Concentrated	155	Minibus	-	Agriculture	Livestock Keeping	Carpentry	400,000	600,000	6,7,8,9	None	Health Centre	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	80	80	Grass/Mud	Mud Bricks	Keroshine Lamp	4	2	VWC,Women G,VWC0	Water	Other	10	30	Women	Others	Male	Average
284	Skg	9 Pangale	35 Ibaya	6	5.31951	32.69969	1,170	2,580	3,767	95	348	7	Increased Gradually	Clustered	30	Minibus	-	Agriculture	Livestock Keeping	None	360,000	500,000	5,6,7,8,9	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	15	Grass/Mud	Mud Bricks	Keroshine Lamp	50	10	VWC,Farmers' G	Water	Health	10	180	Women	Others	Male	Average
285	Skg	9 Pangale	36 Majengo	6	5.29823	32.69217	1,136	2,337	3,412	86	340	7	Increased Dramatically	Clustered	45	Minibus	-	Agriculture	Livestock Keeping	None	350,000	850,000	3,4,5,6,7,8	None	Dispensary	Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	50	10	na	Water	Health	5	15	Women	Men	Male	Average
286	Skg	9 Pangale	37 Mpombwe	4	5.36379	32.69624	1,134	3,435	5,015	126	497	7	Increased Gradually	Mixed	28	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	1,000,000	3,4,5,6,7	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	95	95	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	VWC,Women G,Farmers' G	Water	Health	10	180	Women	Men	Male and Female	Average
287	Skg	9 Pangale	38 Pangale	3	5.28947	32.70996	1,144	1,609	2,350	59	196	8	Increased Dramatically	Mixed	30	Minibus	-	Agriculture	Fishing	None	500,000	700,000	7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	30	15	Grass/Mud	Mud Bricks	Keroshine Lamp	20	15	VWC,Women G,Farmers' G	Water	Education	10	60	Women	Others	Male	Average
288	Skg	9 Pangale	39 Usesula	4	5.02031	32.80319	1,113	3,394	4,956	124	508	7	Increased Gradually	Clustered	46	Minibus	-	Agriculture	Livestock Keeping	None	360,000	600,000	5,6,7	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	65	40	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Farmers' G	Water	Health	15	120	Women	Girls	Male	Average
289	Skg	10 Sikonge	40 Igalula	3	5.61496	32.74662	1,074	1,147	1,675	42	138	8	Increased Dramatically	Scattered	22	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	500,000	5,6,7,8,9	None	Health Centre	Diarrhea,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	20	15	Grass/Mud	Burnt Bricks	Keroshine Lamp	10	1	VWC,Farmers' G	Water	Health	25	60	Women	Girls	Male	Worse than Average
290	Skg	10 Sikonge	41 Kisanga	6	5.56122	32.83328	1,273	5,158	7,795	285	648	8	Increased Dramatically	Scattered	12	Bicycle	partly	Agriculture	Livestock Keeping	None	400,000	700,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	75	30	Iron Sheet	Mud Bricks	Keroshine Lamp	50	30	VWC,Women G,Farmers' G	Water	Electricity	20	60	Women	Others	Male	Average
291	Skg	10 Sikonge	42 Mkolye	5	5.55062	32.70360	1,179	2,468	3,604	91	573	4	Increased Gradually	Clustered	12	Motor bike,Bicycle	-	Agriculture	Livestock Keeping	None	200,000	500,000	4,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Women G,Youth G,Farmers' G	Water	Health	10	30	Women	Others	Male	Average
292	Skg	10 Sikonge	43 Mlogolo	4	5.90762	32.92324	1,124	984	1,488	55	229	4	Increased Gradually	Mixed	2	Motor bike	-	Agriculture	Bussiness and Trading	None	500,000	800,000	4,5,6,7,8,9	None	Hospital	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	85	55	Grass/Mud	Burnt Bricks	Keroshine Lamp	80	20	VWC,Women G,Farmers' G	Water	Health	10	60	Women	Girls	Male	Average
293	Skg	10 Sikonge	44 Mwamayunga	6	5.61767	32.93512	1,162	5,873	8,876	324	604	5	Increased Dramatically	Scattered	38	Walking	partly	Agriculture	Livestock Keeping	None	600,000	800,000	4,5,6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	None	Primary Sch.	18	14	Grass/Mud	Mud and Pole	Keroshine Lamp	50	17	VWC,Women G,Farmers' G	Water	Health	30	60	Women	Girls	Male	Worse than Average
294	Skg	10 Sikonge	45 Sikonge	12	5.01792	32.79990	1,176	10,858	16,983	620	2,488	4	Increased Dramatically	Linear	2	Walking	-	Agriculture	Bussiness and Trading	Brick Making	560,000	900,000	6,7,8,9	Hospital	Hospital	Diarrhea,Eye Diseases,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	80	65	Iron Sheet	Burnt Bricks	Keroshine Lamp	85	80	VWC,Youth G,Farmers' G	Water	Health	30	60	Women	Girls	Male	Better than average
295	Skg	11 Tutuo	46 Ibumba	5	5.37484	32.56575	1,137	3,636	6,312	231	501	6	Increased Dramatically	Clustered	35	Motor bike,Bicycle	-	Agriculture	Livestock Keeping	None	300,000	650,000	3,4,5,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	na	Water	Health	10	60	Women	Others	Male	Average
296	Skg	11 Tutuo	47 Kidete	4	5.48113	32.51775	1,185	2,569	3,751	94	367	7	Increased Dramatically	Clustered	40	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	600,000	6,7,8,9	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	75	65	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	na	Water	Health	15	160	Women	Girls	Male	Worse than Average
297	Skg	11 Tutuo	48 Mitowo	4	5.49307	32.61963	1,183	2,863	4,180	105	409	7	Increased Gradually	Linear	24	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	500,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	40	6	VWC	Water	Education	10	120	Women	Girls	Male	Average
298	Skg	11 Tutuo	49 Mole	4	5.44164	32.62053	1,190	2,137	3,120	78	375	6	Decreased Gradually	Linear	22	Bicycle	-	Agriculture	Beekeeping	None	400,000	1,500,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	55	60	Grass/Mud	Mud Bricks	Keroshine Lamp	80	35	VWC,Women G,Farmers' G	Water	Road	30	60	Women	Girls	Male	Average
299	Skg	11 Tutuo	50 Mole Milimani	5	5.43618	32.59469	1,122	2,537	3,704	93	475	5	Increased Dramatically	Linear	20	Bicycle	-	Agriculture	Bussiness and Trading	None	400,000	900,000	4,5,6,7,8,9,10	None	Dispensary	Diarrhea,Malaria,Typhoid	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch.	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	Women G,Farmers' G	Water	Education	60	180	Women	Girls	Male	Worse than Average
300	Skg	11 Tutuo	51 Muungano	5	5.49030	32.67363	1,219	3,802	5,551	139	800	5	Increased Gradually	Mixed	15	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	300,000	1,500,000	6,7,8	None	Health Centre	Diarrhea,Scabies,Malaria	Diarrhea,Scabies,Malaria	Traditional Pit	Primary Sch.	35	30	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	Women G,Farmers' G,Cultural G	Water	Road	15	80	Women	Men	Male	Average
301	Skg	11 Tutuo	52 Tutuo	5	5.49016	32.67384	1,150	4,403	6,429	161	1,032	4	Increased Gradually	Mixed	15	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	300,000	2,000,000	6,7,8	Health Centre	Health Centre	Diarrhea,Dysentery,Malaria	Diarrhea,Eye Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	60	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	VWC,Women G,Youth G	Water	Road	15	180	Women	Girls	Male	Better than average
302	Skg	11 Tutuo	53 Usanganya	6	5.39553	32.61525	1,173	3,115	4,548	166	508	6	Increased Dramatically	Clustered	30	Motor bike,Bicycle	-	Agriculture	Livestock Keeping	None	300,000	500,000	3,4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	40	15	VWC,Women G,Farmers' G	Water	Agricultural tools	10	30	Women	Girls	Male	Average

Table 2.4 Results of Socio-Economic Survey in Tabora Rural District (1/2)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female				Rainy season	Dry season	Primary	Secondary		
303	Tbr	1 Bukumbi	1 Gilimba	3	4.45853	32.49335	1,163	7,765	13,010	475	1,072	6	Increased Dramatically	Scattered	122	Minibus	all	Agriculture	Beekeeping	None	400,000	600,000	5,6,7,8	None	Phamacy	Diarrhea,Dysentery,Malaria	Respiratory Diseases	Traditional Pit	Primary Sch.	40	15	Grass/Mud	Mud Bricks	Keroshine Lamp	80	20	VWC,Farmers' G	Water	Health	10	40	Women	Girls	Male	Average
304	Tbr	1 Bukumbi	2 Ishihimulwa	4	4.39819	32.51191	1,187	2,699	4,080	149	1,318	2	Increased Dramatically	Clustered	107	Minibus	all	Agriculture	Livestock Keeping	Carpentry	250,000	300,000	5,6,7,8	Dispensary	Dispensary,Traditional Healer	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases,	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	60	30	VWC,Farmers' G	Water	Water	60	90	Women	Girls	Male	Average
305	Tbr	1 Bukumbi	3 Kigwanhona	5	4.35592	32.48267	1,170	1,815	2,744	101	210	8	Increased Gradually	Clustered	75	Minibus	-	Agriculture	Bussiness and Trading	Brick Making	250,000	500,000	5,6,7,8	None	Health Centre	Diarrhea,Typhoid,Malaria	Typhoid,Eye Diseases	Traditional Pit	Primary Sch.	20	15	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	na	Water	Health	30	60	Women	Girls	Male	Worse than Average
306	Tbr	1 Bukumbi	4 Mbeya	5	4.50893	32.54686	1,203	4,233	6,181	155	570	7	Increased Dramatically	Clustered	70	Walking,Bicycle	all	Agriculture	Livestock Keeping	Carpentry	150,000	200,000	5,6,7,8	None	Traditional Healer,Others	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Solar power	50	30	Others-HIV/AIDS committee	Health	Water	20	360	Women	Girls	Male	Average
307	Tbr	1 Bukumbi	5 Nyangahe	4	4.41755	32.57676	1,208	7,378	12,794	467	730	9	Increased Dramatically	Scattered	100	Minibus	-	Agriculture	Livestock Keeping	None	250,000	1,000,000	5,6,7,8	Dispensary	Dispensary	Malaria	Malaria	Traditional Pit	Primary Sch.	45	30	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	Others	Water	Health	60	120	Women	Girls	Male	Average
308	Tbr	2 Goweko	6 Goweko	6	5.32697	33.15311	1,204	5,750	8,395	210	919	6	Increased Dramatically	Concentrated	100	Car	-	Agriculture	Bussiness and Trading	Carpentry	720,000	720,000	6,7,8,9,10	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	75	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	Others	Water	Health	10	60	Women	Girls	Male	Better than average
309	Tbr	2 Goweko	7 Kamama	4	5.31153	33.19664	1,221	3,168	4,788	175	494	6	Increased Dramatically	Clustered	72	Minibus	-	Agriculture	Bussiness and Trading	Carpentry	100,000	150,000	6.,7,8	None	Health Centre	Malaria,Diarrhea0	Diarrhea,Malaria	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud and Pole	Keroshine Lamp	37	11	VWC,Farmers' G	Water	Health	10	30	Women	Girls	Male	Average
310	Tbr	2 Goweko	8 Kimungi	3	5.36241	33.16403	1,189	3,241	4,732	173	521	6	Increased Dramatically	Clustered	54	Minibus	-	Agriculture	Livestock Keeping	Carpentry	350,000	500,000	5,6,7,8	None	Health Centre	Diarrhea,Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Farmers' G	Water	Health	30	50	Women	Girls	Male	Average
311	Tbr	2 Goweko	9 Muitikila	4	5.27345	33.18045	1,211	3,828	5,589	140	438	9	Increased Dramatically	Scattered	60	Bicycle	-	Agriculture	Livestock Keeping	None	350,000	300,000	6,7,8,9,10	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	38	Grass/Mud	Mud Bricks	Keroshine Lamp	10	3	Farmers' G	Water	Health	10	40	Women	Girls	Male	Worse than Average
312	Tbr	2 Goweko	10 Nsololo	6	5.33163	33.15306	1,167	7,144	10,797	395	600	12	Increased Dramatically	Scattered	68	Minibus	-	Agriculture	Bussiness and Trading	Carpentry	400,000	400,000	5,6,7,8,9	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Dysentery,Respiratory Diseases	Traditional Pit	Primary Sch.	65	40	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Women G,Youth G	Health	Water	15	20	Women	Others	Male	Average
313	Tbr	2 Goweko	11 Tambukareli	4	5.32940	33.15222	1,206	2,795	4,224	155	390	7	Increased Dramatically	Clustered	65	Minibus	-	Agriculture	Bussiness and Trading	Carpentry	450,000	500,000	5,6,7,8	Dispensary	Health Centre	Typhoid,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	50	30	na	Water	Health	15	20	Women	Girls	Male	Average
314	Tbr	2 Goweko	12 Imalakaseko	3	5.25171	33.10367	1,266	5,475	7,994	200	440	12	Increased Dramatically	Mixed	45	Minibus	-	Agriculture	Livestock Keeping	None	500,000	500,000	5,6,7,8	Dispensary	Dispensary,8	Diarrhea,Typhoid,Malaria	Diarrhea,Typhoid,Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	Farmers' G,Carpenters' G,Others	Water	Health	15	60	Women	Girls	Male	Average
315	Tbr	3 Ibiri	13 Ibiri	3	4.92445	32.59765	1,220	2,890	4,369	160	449	6	Increased Dramatically	Clustered	31	Minibus,Bicycle	-	Agriculture	Livestock Keeping	Carpentry	500,000	1,000,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	80	50	VWC,Farmers' G	Water	Health	15	20	Women	Girls	Male	Average
316	Tbr	3 Ibiri	14 Inonelwa	3	4.94780	32.62867	1,133	2,526	3,688	93	410	6	Increased Gradually	Mixed	26	Minibus	-	Agriculture	Livestock Keeping	None	200,000	500,000	6,7,8,9	None	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,Women G,Farmers' G	Water	Health	30	30	Women	Others	Male	Better than average
317	Tbr	3 Ibiri	15 Isimu	2	4.87825	32.57349	1,461	8,366	12,215	446	dna	8	Increased Dramatically	Concentrated	34	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	4,5,6,7	None	Dispensary	Diarrhea,Typhoid,Malaria	Typhoid,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	VWC,Farmers' G	Water	Health	20	30	Women	Girls	Male	Average
318	Tbr	3 Ibiri	16 Kagera	2	4.86237	32.55334	1,147	701	1,060	39	174	4	Increased Gradually	Scattered	36	Minibus	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	None	75	75	Grass/Mud	Mud Bricks	Keroshine Lamp	55	45	VWC,Farmers' G	Water	Health	30	45	Women	Girls	Male	Worse than Average
319	Tbr	3 Ibiri	17 Kilungu	2	4.83411	32.53869	1,149	1,224	1,850	68	252	5	Increased Dramatically	Concentrated	24	Minibus	-	Agriculture	Livestock Keeping	None	600,000	800,000	7,8,9	None	Dispensary	Diarrhea,Malaria	Dysentery,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	45	38	Grass/Mud	Mud Bricks	Keroshine Lamp	60	40	VWC,Women G,Farmers' G	Water	Health	5	5	Women	Girls	Male	Average
320	Tbr	3 Ibiri	18 Milumba	3	4.81102	32.49010	1,172	2,329	3,520	129	286	8	Increased Dramatically	Clustered	56	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	400,000	800,000	5,6,7,8,9	Hospital	Hospital	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Farmers' G	Water	Health	30	90	Women	Girls	Male	Average
321	Tbr	3 Ibiri	19 Mkalya	5	4.76231	32.46853	1,107	808	1,222	45	202	4	Increased Gradually	Clustered	65	Bicycle	-	Agriculture	Livestock Keeping	None	350,000	600,000	5,6,7,8,9	None	Hospital	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	na	Water	Health	30	50	Women	Girls	Male	Worse than Average
322	Tbr	3 Ibiri	20 Mwakashindye	3	4.82996	32.6207	1,164	2,651	4,007	147	540	5	Increased Dramatically	Linear	50	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	500,000	4,5,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	55	Grass/Mud	Mud Bricks	Keroshine Lamp	70	5	VWC,Women G,Farmers' G,Cultural G	Road	Health	30	50	Women	Girls	Male	Average
323	Tbr	4 Igalula	21 Igalula	4	5.23606	33.01978	1,198	10,643	15,539	389	1,155	9	Increased Gradually	Clustered	37	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	150,000	200,000	6,7,8,9,10	Health Centre	Health Centre	Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	75	60	Grass/Mud	Mud and Pole	Keroshine Lamp	25	10	VWC,Carpenters' G	Water	Health	30	180	Women	Girls	Male	Average
324	Tbr	4 Igalula	22 Ipululu	3	5.24448	32.94106	1,217	4,760	6,950	174	693	7	Increased Gradually	Scattered	49	Bicycle	-	Agriculture	Charcoal Making	Carpentry	350,000	365,000	4,5,6,7	Dispensary	Dispensary	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	Farmers' G,Others	Water	Road	30	60	Women	Girls	Male	Average
325	Tbr	4 Igalula	23 Itundaukulu	4	5.19420	33.14078	1,193	2,759	4,316	158	365	7	Increased Gradually	Mixed	48	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	360,000	6,7	Dispensary	Dispensary	Cholera,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	30	Grass/Mud	Mud Bricks	Keroshine Lamp	40	25	VWC,Farmers' G	Water	Health	20	60	Women	Girls	Male	Average
326	Tbr	4 Igalula	24 Kawekapina	4	5.29292	32.99320	1,171	4,935	7,205	181	664	7	Increased Dramatically	Mixed	53	Minibus	-	Agriculture	Livestock Keeping	None	100,000	150,000	3,4,5,6,7,8,	None	Dispensary	Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	80	60	Grass/Mud	Mud and Pole	Keroshine Lamp	40	15	VWC,Farmers' G,Others	Water	Health	10	30	Women	Others	Male	Average
327	Tbr	4 Igalula	25 Kigwa B	5	5.11654	33.13051	1,277	15,774	23,837	871	2,220	7	Increased Dramatically	Mixed	48	Minibus	-	Agriculture	Bussiness and Trading	Oil Processing	600,000	400,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria	Traditional Pit	Primary Sch.	70	30	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	VWC,Women G,Farmers' G	Other	Health	10	20	Women	Men	Male	Average
328	Tbr	4 Igalula	26 Kinamagi	5	5.07738	32.99614	1,244	2,981	4,506	165	493	6	Increased Gradually	Scattered	28	Minibus	-	Agriculture	Livestock Keeping	Carpentry	800,000	800,000	6,7,8,9	Dispensary	Phamacy	Diarrhea,Typhoid	Malaria	Traditional Pit	Primary Sch.	75	65	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	Farmers' G,Others	Water	Health	10	15	Women	Men	Male	Average
329	Tbr	4 Igalula	27 Nzigala	5	5.13411	33.18337	1,195	8,366	12,215	446	1,072	6	Increased Dramatically	Clustered	48	Minibus,Bicycle	all	Agriculture	Beekeeping	None	1,500,000	1,000,000	6,7,8,9	None	Dispensary,Traditional Healer	Malaria,Typhoid,Respiratory Diseases	Malaria,Typhoid,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	35	35	Grass/Mud	Mud Bricks	Keroshine Lamp	8	2	VWC	Health	Water	60	60	Women	Women	Male	Average
330	Tbr	5 Ikongolo	28 Ikongolo	5	4.84827	32.91268	1,226	1,630	2,465	90	262	6	Decreased Gradually	Mixed	37	Bicycle	-	Agriculture	Livestock Keeping	None	365,000	500,000	4,5,6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	Farmers' G,Others	Water	Road	10	15	Women	Girls	Male	Worse than Average
331	Tbr	5 Ikongolo	29 Izugawima	4	4.68576	32.84303	1,182	2,539	3,707	93	388	7	Increased Dramatically	Clustered	40	Bicycle	-	Agriculture	Livestock Keeping	None	100,000	300,000	5,6,7,8,9	None	Dispensary	Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	70	10	VWC,Farmers' G	Water	Road	10	90	Women	Girls	Male	Average
332	Tbr	5 Ikongolo	30 Kanyenye	5	4.81612	32.88282	1,186	1,442	2,106	53	224	6	Increased Dramatically	Linear	17	Bicycle	-	Agriculture	Livestock Keeping	BrickMaking	200,000	500,000	3,4,5,6,7	Dispensary	Dispensary	Typhoid,Malaria,Diarrhea0 (worms)	Dysentery,Scabies	Traditional Pit	Primary Sch., Secondary Sch.	55	40	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Farmers' G	Water	Road	30	30	Women	Girls	Male	Average
333	Tbr	5 Ikongolo	31 Kiwembe	5	4.84835	32.91262	1,217	698	1,020	26	216	3	Increased Gradually	Scattered	22	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	800,000	6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	15	Grass/Mud	Mud Bricks	Keroshine Lamp	50	10	na	Water	Health	60	180	Women	Girls	Male	Worse than Average
334	Tbr	5 Ikongolo	32 Majengo	4	4.88425	32.92775	1,207	1,370	2,071	76	236	6	Increased Gradually	Clustered	31	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	900,000	6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	65	25	Farmers' G	Water	Health	15	30	Women	Others	Male	Average
335	Tbr	5 Ikongolo	33 Nzubuka	4	4.68576	32.84299	1,206	3,192	4,824	177	350	9	Increased Dramatically	Scattered	51	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	450,000	6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Farmers' G	Water	Health	20	60	Women	Others	Male	Worse than Average
336	Tbr	6 Ilolangulu	34 Ilolangulu	3	5.09317	32.63565	1,135	3,606	5,640	206	622	5	Increased Gradually	Mixed	21	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	700,000	4,5,6,7,8.	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	78	70	Iron Sheet	Mud Bricks	Keroshine Lamp	58	35	VWC,Women G	Health	Water	40	40	Women	Men	Male	Average
337	Tbr	6 Ilolangulu	35 Isenga	2	5.15288	32.6414	1,145	2,653	4,010	147	462	6	Increased Dramatically	Clustered	32	Bicycle	-	Agriculture	Bussiness and Trading	Carpentry	200,000	500,000	5,6,7,8	None	Health Centre	Diarrhea,Typhoid,Malaria	Scabies,Malaria	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	70	30	VWC,Women G,Farmers' G	Water	Road	20	60	Women	Others	Male	Average
338	Tbr	6 Ilolangulu	36 Isila	4	5.01936	32.58496	1,219	3,375	5,102	187	508	6	Increased Dramatically	Clustered	30	Minibus,Bicycle	-	Agriculture	Livestock Keeping	Food Processing	250,000	300,000	3,4,5,6,7,8,9	None	Dispensary	Typhoid,Malaria	Diarrhea	Traditional Pit	Primary Sch.	70	20	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC,Farmers' G	Health	Road	30	30	Women	Others	Male	Average
339	Tbr	6 Ilolangulu	37 Kasisi A	2	5.24179	32.72216	881	924	1,446	53	155	6	Increased Gradually	Scattered	29	Bicycle	-	Agriculture	Livestock Keeping	None	100,000	200,000	6,7,8,9,10	None	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud and Pole	Keroshine Lamp	30	15	VWC,Women G,Farmers' G	Water	Health	15	60	Women	Men	Male	Worse than Average
340	Tbr	6 Ilolangulu	38 Mbola	3	5.01936	32.58496	1,219	1,890	2,760	69	439	4	Increased Dramatically	Mixed	30	Bicycle	-	Agriculture	Livestock Keeping	Food Processing	100,000	400,000	6,6,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	30	30	Grass/Mud	Mud and Pole	Keroshine Lamp	50	20	VWC,Farmers' G	Water	Road	30	40	Women	Men	Male	Average
341	Tbr	6 Ilolangulu	39 Mpenge	3	5.06405	32.64032	1,148	1,135	1,658	42	305	4	Increased Dramatically	Clustered	27	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	200,000	300,000	3,4,5,6	None	Health Centre	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	30	VWC,Farmers' G	Water	Health	10	60	Women	Others	Male	Average
342	Tbr	6 Ilolangulu	40 Ngokolo	3	5.12927	32.61617	1,134	649	948	24	162	4	Decreased Gradually	Mixed	30	Bicycle	-	Agriculture	Livestock Keeping	None	100,000	300,000	5,6,7	None	Dispensary	Diarrhea,Dysentery,Typhoid	Malaria	Traditional Pit	None	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	Farmers' G	Water	Education	30	30	Women	Others	Male	Worse than Average
343	Tbr	6 Ilolangulu	41 Ulimakafu/Kagobo	4	5.10178	32.57158	1,164	1,776	2,593	65	374	5	Increased Dramatically	Mixed	32	Walking	-	Agriculture	Livestock Keeping	None	100,000	500,000	6,7	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	Farmers' G	Water	Health	30	60	Women	Others	Male	Average
344	Tbr	7 Isikizya	42 Ibelamilundi	5	4.88231	33.17283	1,273	2,548	3,721	136	dna	10	Increased Gradually	Clustered	50	Minibus	-	Agriculture	Livestock Keeping	None	200,000	200,000	4,5,6,7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	20	15	VWC,Women G,Farmers' G	Water	Health	30	30	Women	Girls	Male	Average
345	Tbr	7 Isikizya	43 Ibushi	2	4.85155	33.15810	1,244	932	1,409	52	dna	10	Decreased Gradually	Scattered	45	Minibus	-	Agriculture	Livestock Keeping	None	300,000	800,000	5,6,7,8	None	Dispensary	Typhoid,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	27	15	Farmers' G	Water	Health	30	120	Women	Girls	Male	Average
346	Tbr	7 Isikizya	44 Igoko	5	4.82248	33.11100	1,239	3,225	4,709	118	470	7	Increased Dramatically	Linear	50	Bicycle	-	Agriculture	Livestock Keeping	None	150,000	300,000	6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	45	Grass/Mud	Mud Bricks	Keroshine Lamp	65	20	VWC,WUG,Women G,Farmers' G,Carpenters' G	Health	Road	15	15	Women	Men	Male	Better than average
347	Tbr	7 Isikizya	45 Ilalwasimba	7	4.86879	33.11022	1,262	3,126	4,564	115	525	6	Increased Dramatically	Concentrated	43	Bicycle	-	Agriculture	Livestock Keeping	None	100,000	400,000	6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Dysentery,Respiratory Diseases	Traditional Pit	Primary Sch.	60	60	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Others	Health	Water	60	60	Women	Others	Male	Average
348	Tbr	7 Isikizya	46 Isenegeja	5	4.89835	33.09653	1,232	7,488	10,933	400	dna	8	Increased Dramatically	Mixed	50	Car	-	Livestock Keeping	Agriculture	None	500,000	800,000	4,5,6,7,8,9	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	None	50	40	Grass/Mud	Mud Bricks	Firewood	70	5	na	Water	Health	30	30	Women	Girls	Male	Worse than Average
349	Tbr	7 Isikizya	47 Isikizya	9	4.89835	33.09653	1,232	7,763	11,731	429	548	14	Increased Dramatically	Scattered	55	Bicycle	-	Agriculture	Bussiness and Trading	None	360,000	720,000	7,8	None	Phamacy	Diarrhea,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	55	45	na	Health	Other	15	60	Women	Boys	Male	Average
350	Tbr	7 Isikizya	48 Itobela	5	4.97671	33.13584	1,254	3,654	5,522	202	443	8	Increased Dramatically	Scattered	60	Minibus	-	Agriculture	Livestock Keeping	None	300,000	500,000	5,6,7,8,9	None	Dispensary	Diarrhea,Dysentery,Malaria	Typhoid,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	40	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	25	10	VWC,Farmers' G,Others	Water	Health	30	30	Women	Girls	Male	Average
351	Tbr	7 Isikizya	49 Mtakuja	5	4.84116	33.20050	1,250	4,898	7,151	262	dna	10	Increased Gradually	Scattered	50	Minibus	-	Agriculture	Livestock Keeping	None	200,000	400,000	4,5,6,7,8	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	Farmers' G	Water	Road	30	30	Women	Girls	Male	Average
352	Tbr	8 Kizengi	50 Karangasi	3	5.56013	34.00791	1,280	3,335	4,869	122	795	4	Increased Dramatically	Clustered	114	Minibus	-	Agriculture	Livestock Keeping	Carpentry	300,000	500,000	5,6,7,8,9	None	Dispensary	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	75	25	VWC,Farmers' G	Water	Health	10	180	Women	Girls	Male	Average
353	Tbr	8 Kizengi	51 Kizengi	4	5.35021	33.57160	1,124	4,304	6,284	158	900	5	Increased Dramatically	Clustered	102	Minibus,Car	-	Beekeeping	Agriculture	Carpentry	120,000	250,000	5,6,7,8	Hospital	Hospital	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud Bricks	Keroshine Lamp	20	15	VWC,Farmers' G	Water	Road	20	120	Women	Girls	Male	Average
354	Tbr	8 Kizengi	52 Malongwe	5	5.18236	33.58833	1,160	6,040	8,819	221	1,217	5	Increased Dramatically	Clustered	114	Other	-	Beekeeping	Agriculture	Carpentry	300,000	400,000	6,7,8,9,10	Health Centre	Health Centre	Diarrhea,Typhoid,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.	30	25	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	VWC,Farmers' G	Water	Health	5	180	Women	Girls	Male	Average
355	Tbr	8 Kizengi	53 Mdaki	5	5.18228	33.58838	1,183	2,154	3,145	79	480	4	Increased Dramatically	Clustered	109	Bicycle	-	Agriculture	Livestock Keeping	None	150,000	250,000	5,6,7	None	Health Centre,Traditional Healer	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch.	50	60	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	na	Water	Health	20	120	Women	Girls	Male	Average
356	Tbr	8 Kizengi	54 Mpumbuli	5	5.30936	33.47819	1,163	1,820	2,658	67	410	4	Increased Dramatically	Clustered	85	Minibus	-	Agriculture	Livestock Keeping	None	300,000	800,000	6,7,8,9	None	Health Centre	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	20	Grass/Mud	Mud Bricks	Keroshine Lamp	80	50	na	Water	Education	5	120	Women	Girls	Male	Worse than Average
357	Tbr	8 Kizengi	55 Nkongwa	5	5.34051	34.00343	1,098	3,722	5,823	213	525	7	Increased Dramatically	Clustered	178	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Carpentry	500,000	700,000	5,6,7	None	Dispensary	Typhoid,Malaria	Diarrhea,Scabies	Traditional Pit	Primary Sch.	25	15	Grass/Mud	Mud and Pole	Keroshine Lamp	40	5	na	Water	Health	5	120	Women	Others	Male	Worse than Average
358	Tbr	8 Kizengi	56 Tura	4	5.49302	33.84181	1,350	8,213	11,991	300	1,439	6	Increased Dramatically	Mixed	154	Other-train	-	Agriculture	Bussiness and Trading	None	150,000	1,500,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	55	46	Grass/Mud	Mud and Pole	Keroshine Lamp	85	65	VWC,Farmers' G,Carpenters' G	Water	Education	30	30	Women,Others	Women	Male	Average
359	Tbr	9 Loya	57 Kalangale/Masenge	4	4.84226	33.66120	1,152	1,811	2,645	97	423	15	Increased Dramatically	Scattered	145	Minibus	-	Agriculture	Livestock Keeping	None	800,000	1,000,000	4,5,6,7	None	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	20	10	Grass/Mud	Mud Bricks	Electricity	10	3	na	Water	Health	10	180	Women	Girls	Male	Worse than Average
360	Tbr	9 Loya	58 Loya	4	5.03752	33.83581	1,143	13,806	21,593	789	1611	8	Increased Gradually	Scattered	179	Walking	-	Agriculture	Livestock Keeping	Carpentry	700,000	108,000,000	5,6,7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	75	40	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	Women G,Farmers' G	Water	Other	20	20	Women	Girls	Male	Average
361	Tbr	9 Loya	59 Lutona	6	5.17580	33.71693	1,147	3,906	5,703	209	dna	8	Increased Dramatically	Clustered	135	Bicycle,Car	-	Agriculture	Livestock Keeping	Oil Processing	500,000	550,000	5,6,7,8,9,10	None	Health Centre,Traditional Healer	Typhoid,Malaria	Scabies	Traditional Pit	Primary Sch.	30	15	Grass/Mud	Mud and Pole	Keroshine Lamp	55	2	VWC,Farmers' G	Health	Water	30	60	Women	Others	Male	Average
362	Tbr	9 Loya	60 Magulyati	4	5.29386	33.99963	1,065	2,257	3,296	83	310	7	Increased Gradually	Scattered	200	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	1,000,000	4,5,6,7,8,9	None	Traditional Healer	Diarrhea,Typhoid,Malaria		Traditional Pit	None	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	60	10	na	Water	Health	30	90	Women	Boys	Male	Average
363	Tbr	9 Loya	61 Migongwa	4	5.18602	33.90465	1,061	4,840	7,315	267	614	8	Increased Dramatically	Scattered	182	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	500,000	4,5,6,7	None	Traditional Healer	Diarrhea,Scabies,Malaria	Diarrhea,Scabies,Respiratory Diseases	None	Primary Sch.	20	5	Grass/Mud	Mud Bricks	Keroshine Lamp	50	2	VWC	Water	Health	60	150	Women	Men	Male	Average
364	Tbr	9 Loya	62 Miswaki	4	4.81205	33.74899	1,052	4,343	6,341	232	dna	7	Decreased Dramatically	Clustered	135	Motor bike	-	Agriculture	Livestock Keeping	None	600,000	800,000	4,5,6	Health Centre	Health Centre	Diarrhea,Typhoid,Malaria	Diarrhea,Scabies,Malaria	Traditional Pit	Primary Sch.	50	55	Grass/Mud	Mud and Pole	Keroshine Lamp	85	40	VWC,Women G,Farmers' G	Water	Road	15	90	Women	Others	Male	Average

Table 2.4 Results of Socio-Economic Survey in Tabora Rural District (2/2)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages	Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female			Rainy season	Dry season	Primary	Secondary		
365	Tbr	10 Lutende	63 Lutende	9	4.97092	33.49151	1,322	5,785	8,743	320	625	8	Increased Dramatically	Clustered	154	Motor bike,Bicycl	-	Agriculture	Livestock Keeping	None	300,000	500,000	6,7	Health Centre	Health Centre	Diarrhea,Typhoid,Malaria	Scabies,Malaria	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	VWC,Farmers' G	Water	Communica	30	60	Women	Others	Male	Average
366	Tbr	10 Lutende	64 Miyenze	10	5.13899	33.49193	1,320	13,743	20,065	502	1,527	9	Increased Dramatically	Clustered	92	Bicycle	-	Agriculture	Livestock Keeping	Food Processing	250,000	800,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Typhoid,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	80	3	VWC,Farmers' G	Water	Road	15	60	Women	Others	Male	Average
367	Tbr	10 Lutende	65 Mwakadala	5	4.97092	33.49151	1,326	9,279	14,022	512	896	10	Increased Dramatically	Clustered	150	Bicycle	-	Agriculture	Livestock Keeping	None	360,000	1,000,000	5,6,7	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	30	10	Grass/Mud	Mud and Pole	Keroshine Lamp	40	5	VWC,Farmers' G	Water	Road	20	40	Women	Others	Male	Average
368	Tbr	10 Lutende	66 Mwisole	7	5.49301	33.84179	1,327	11,286	16,478	412	2,196	5	Increased Dramatically	Clustered	115	Bicycle	-	Agriculture	Livestock Keeping	Food Processing	150,000	500,000	4,5,6,7,8,9	None	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	40	60	Grass/Mud	Mud Bricks	Keroshine Lamp	80	10	VWC,Farmers' G	Water	Health	30	60	Women	Others	Male	Average
369	Tbr	11 Mabama	67 Ideka	4	5.17846	32.51719	1,159	1,449	2,116	53	282	5	Increased Gradually	Scattered	51	Minibus	-	Agriculture	Livestock Keeping	None	800,000	900,000	6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Typhoid,Respiratory Diseases	Traditional Pit	Primary Sch.	70	70	Grass/Mud	Mud Bricks	Keroshine Lamp	50	40	VWC,Farmers' G	Health	Education	30	40	Women	Others	Male	Average
370	Tbr	11 Mabama	68 Kalola	5	5.03728	32.49380	1,179	3,268	5,112	187	635	5	Increased Gradually	Clustered	45	Minibus	-	Agriculture	Livestock Keeping	None	300,000	400,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	60	30	VWC,Women G	Water	Other	15	30	Women	Others	Male	Average
371	Tbr	11 Mabama	69 Mabama	6	5.10178	32.57158	1,164	4,329	7,008	256	721	5	Increased and Trading	Clustered	40	Minibus	-	Agriculture	Bussiness and Trading	Food Processing	300,000	500,000	6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch., Secondary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	70	40	VWC,Women G	Water	Health	15	120	Women	Men	Male	Average
372	Tbr	11 Mabama	70 Maswanya	4	5.06300	32.49130	1,174	2,122	3,208	118	289	7	Increased Dramatically	Mixed	30	Minibus	-	Agriculture	Livestock Keeping	None	500,000	700,000	6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	75	55	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC	Water	Education	10	40	Women	Others	Male	Average
373	Tbr	11 Mabama	71 Mbiti	3	5.02701	32.53044	1,193	2,291	3,464	127	267	8	Increased Gradually	Clustered	40	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	200,000	500,000	4,5,6,7,8	None	Dispensary	Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Others	Health	Water	10	30	Women	Girls	Male	Average
374	Tbr	11 Mabama	72 Msiliembe	5	4.97923	32.54977	1,264	1,088	1,589	40	166	7	Increased Gradually	Scattered	45	Minibus	-	Agriculture	Livestock Keeping	None	300,000	500,000	4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Women G,Farmers' G	Water	Education	5	30	Women	Girls	Male	Average
375	Tbr	11 Mabama	73 Utura	5	5.20102	32.48430	1,118	5,464	8,258	302	658	8	Increased Dramatically	Clustered	46	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	500,000	5,6,7,8	None	Dispensary	Typhoid,Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud and Pole	Keroshine Lamp	15	5	na	Water	Road	30	60	Women	Others	Male	Worse than Average
376	Tbr	12 Magiri	74 Hiari ya Moyo	2	5.04430	33.10376	1,224	2,186	3,304	121	352	6	Increased Dramatically	Clustered	42	Bicycle	-	Agriculture	Bussiness and Trading	other	150,000	150,000	5,6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	40	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	70	25	VWC,Farmers' G	Water	Road	10	30	Women	Girls	Male	Worse than Average
377	Tbr	12 Magiri	75 Imalampaka	4	4.94085	33.04894	1,225	2,346	3,547	130	328	7	Increased Dramatically	Scattered	34	Bicycle	-	Agriculture	Charcoal Making	None	400,000	1,000,000	5,6,7	None	Dispensary	Typhoid,Malaria,Respiratory Diseases	Respiratory Diseases,Scabies	Traditional Pit	Primary Sch., Secondary Sch.	20	15	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	50	20	Women G,Farmers' G	Water	Health	30	120	Women	Girls	Male	Average
378	Tbr	12 Magiri	76 Kalemela	3	4.58726	33.08231	1,252	5,493	8,020	201	720	8	Increased Dramatically	Scattered	52	Bicycle	-	Agriculture	Livestock Keeping	None	400,000	800,000	5,6,7,8,9	None	Dispensary	Diarrhea,Malaria	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch.	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	na	Health	Education	30	60	Women	Others	Male	Worse than Average
379	Tbr	12 Magiri	77 Magiri	6	4.94085	33.04894	1,225	6,003	9,073	332	515	11	No Change	Mixed	30	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	100,000	300,000	5,6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	75	65	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	Women G,Farmers' G,Others	Water	Road	15	30	Women	Men	Male	Average
380	Tbr	12 Magiri	78 Mayombo	8	4.95397	33.00620	1,313	5,513	8,049	202	397	14	Decreased Gradually	Linear	24	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	300,000	5,6,7	Dispensary	Dispensary	Diarrhea,Dysentery,Typhoid	Eye Diseases	Traditional Pit	Primary Sch.	55	35	Grass/Mud	Mud Bricks	Keroshine Lamp	45	10	VWC,Women G,Farmers' G	Water	Health	1	6	Women	Others	Male	Average
381	Tbr	12 Magiri	79 Mputi	3	5.04261	33.65909	1,225	581	879	33	188	3	Increased Dramatically	Scattered	45	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	200,000	7,8,9,10	None	Dispensary	Diarrhea,Dysentery,Malaria	Respiratory Diseases,Eye Diseases	Traditional Pit	None	65	40	Grass/Mud	Mud Bricks	Keroshine Lamp	85	45	Women G,Youth G	Water	Road	30	30	Women	Girls	Male	Worse than Average
382	Tbr	12 Magiri	80 Nsimbo	5	5.02341	33.03205	1,264	3,582	5,414	198	405	9	Increased Dramatically	Clustered	45	Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	200,000	250,000	7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	80	50	Farmers' G	Water	Health	30	30	Women	Girls	Male	Average
383	Tbr	13 Ndono	81 Chali	4	5.16218	32.45453	1,145	1,162	1,757	65	153	7	Increased Dramatically	Clustered	48	Minibus	-	Agriculture	Livestock Keeping	None	200,000	800,000	5,6,7	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	na	Water	Health	45	45	Women	Girls	Male	Worse than Average
384	Tbr	13 Ndono	82 Imalamihayo	5	4.94086	33.04894	1,225	2,984	4,357	160	dna	7	Increased Gradually	Mixed	70	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	600,000	7,8,9	None	Phamacy	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	None	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	40	50	na	Water	Health	30	40	Women	Others	Male	Worse than Average
385	Tbr	13 Ndono	83 Itinka	3	5.04840	32.41225	1,134	611	925	34	220	3	Increased Dramatically	Mixed	35	Minibus	-	Agriculture	Livestock Keeping	None	300,000	1,100,000	3,4,5,6	None	Health Centre	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	80	40	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	VWC	Water	Health	30	30	Women	Others	Male	Worse than Average
386	Tbr	13 Ndono	84 Ndono	5	5.11099	32.44350	1,169	2,403	3,633	133	526	4	Increased Dramatically	Clustered	45	Minibus	-	Agriculture	Livestock Keeping	None	300,000	500,000	7,8,9	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	50	20	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	70	50	na	Water	Health	45	60	Women	Girls	Male	Average
387	Tbr	13 Ndono	85 Nkulusi	5	5.00560	32.41748	1,138	2,370	3,461	87	391	6	Increased Dramatically	Mixed	60	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	600,000	8,9	None	Phamacy	Diarrhea,Eye Diseases,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	90	75	Grass/Mud	Mud Bricks	Keroshine Lamp	50	10	VWC,Farmers' G,Cultural G,Others	Water	Health	20	45	Women	Others	Male	Worse than Average
388	Tbr	13 Ndono	86 Tulieni	3	5.04318	32.43754	1,128	1,051	1,535	39	178	6	Increased Dramatically	Clustered	65	Minibus	-	Agriculture	Livestock Keeping	None	600,000	800,000	3,4,5,6,7,8	None	Dispensary	Typhoid,Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	40	30	Grass/Mud	Mud and Pole	Keroshine Lamp	90	40	Farmers' G	Water	Health	10	20	Women	Others	Male	Average
389	Tbr	14 Shitage	87 Bukala	4	4.23858	32.52740	1,219	3,223	5,042	185	267	11	Increased Gradually	Scattered	117	Minibus	-	Agriculture	Livestock Keeping	Carpentry	300,000	700,000	4,5,6,7	None	Traditional Healer	Malaria,Diarrhea,Typhoid	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	50	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Others	Water	Health	120	120	Women	Others	Male	Average
390	Tbr	14 Shitage	88 Bukili	4	4.31903	32.51531	1,163	1,401	2,046	52	169	8	Increased Dramatically	Clustered	110	Minibus	-	Agriculture	Livestock Keeping	Carpentry	80,000	100,000	4,5,6,7,8	None	Health Centre	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	Farmers' G	Water	Health	20	60	Women	Girls	Male	Average
391	Tbr	14 Shitage	89 Muhukidede	3	4.23856	32.52745	1,213	1,619	2,534	93	296	5	Increased Gradually	Scattered	114	Minibus	-	Agriculture	Bussiness and Trading	Brick Making	300,000	700,000	4,5,6,7,8	Other	Phamacy	Diarrhea,Malaria	Cholera	Traditional Pit	Primary Sch.	65	35	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	Women G,Farmers' G	Water	Health	30	30	Women	Girls	Male	Average
392	Tbr	14 Shitage	90 Nkutu	3	4.27625	32.51943	1,187	2,107	3,077	77	317	7	Increased Gradually	Mixed	131	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	200,000	300,000	5,6,7,8	Health Centre	Health Centre	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	35	20	Grass/Mud	Mud Bricks	Keroshine Lamp	15	5	VWC,Farmers' G	Water	Health	30	60	Women	Girls	Male	Worse than Average
393	Tbr	14 Shitage	91 Shitage	4	4.23858	32.52740	1,219	3,470	5,067	127	969	4	No Change	Concentrated	120	Minibus	-	Agriculture	Livestock Keeping	Carpentry	100,000	150,000	4,5,6,7,8,9	Health Centre	Health Centre	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC,Farmers' G	Water	Other	30	60	Women	Girls	Male	Average
394	Tbr	15 Ufuluma	92 Bulima	6	4.87850	32.40770	1,164	484	707	26	dna	8	Increased Gradually	Clustered	79	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	100,000	350,000	5,6,7	None	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea,Scabies,Malaria	Traditional Pit	Primary Sch.	10	5	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	na	Water	Road	60	120	Women	Girls	Male	Worse than Average
395	Tbr	15 Ufuluma	93 Chessa	5	4.93337	32.43807	1,167	2,625	3,833	96	dna	6	Increased Gradually	Clustered	71	Minibus	-	Agriculture	Bussiness and Trading	None	100,000	200,000	5,6,7,8,9	None	Dispensary	Diarrhea,Malaria	Scabies	Traditional Pit	Primary Sch.	50	30	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	VWC,Farmers' G	Water	Health	30	60	Women	Girls	Male	Average
396	Tbr	15 Ufuluma	94 Makazi	4	4.94725	32.31088	1,128	1,624	2,371	60	1028	2	Increased Dramatically	Clustered	77	Minibus	-	Agriculture	Livestock Keeping	Food Processing	100,000	150,000	7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	30	10	Grass/Mud	Mud Bricks	Keroshine Lamp	15	7	VWC,Farmers' G	Water	Road	30	60	Women	Girls	Male	Average
397	Tbr	15 Ufuluma	95 Mfuto	3	4.97129	32.42206	1,151	954	1,443	53	166	6	Increased Dramatically	Clustered	63	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	1,000,000	7,8	None	Dispensary	Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	na	Water	Health	10	30	Women	Girls	Male	Average
398	Tbr	15 Ufuluma	96 Sala	5	4.86722	32.30751	1,124	2,074	3,028	76	650	3	Increased Gradually	Scattered	78	Minibus	-	Agriculture	Livestock Keeping	None	300,000	730,000	4,5,6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Malaria	Traditional Pit	Primary Sch.	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Women G,Cultural G	Water	Health	20	20	Women	Girls	Male	Average
399	Tbr	15 Ufuluma	97 Sawewe	5	4.85833	32.23817	1,109	1,881	2,747	69	500	4	Increased Gradually	Scattered	87	Minibus	-	Agriculture	Livestock Keeping	None	800,000	1,000,000	4,5,6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.	55	40	Grass/Mud	Mud Bricks	Keroshine Lamp	15	10	VWC,Women G,Cultural G	Water	Health	30	45	Women	Girls	Male	Average
400	Tbr	15 Ufuluma	98 Ufuluma	4	4.97793	32.38656	1,228	5,741	8,676	317	566	10	Increased Gradually	Mixed	64	Minibus	-	Agriculture	Charcoal Making	Oil Processing	730,000	1,000,000	6,7,8	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Iron Sheet	Mud Bricks	Keroshine Lamp	10	5	VWC,Women G,Youth G,Farmers' G,Carpenters' G	Water	Education	5	45	Women	Girls	Male	Average
401	Tbr	15 Ufuluma	99 Ugowola	5	4.96599	32.34949	1,133	6,074	8,868	222	2406	3	Increased Gradually	Mixed	70	Minibus	-	Agriculture	Livestock Keeping	None	2,000,000	2,000,000	6,7,8,9,10	None	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Dysentery	Traditional Pit	Primary Sch.	90	70	Grass/Mud	Mud Bricks	Keroshine Lamp	40	25	VWC,Farmers' G	Water	Health	20	30	Women	Others	Male	Better than average
402	Tbr	16 Upuge	100 Kasenga	2	4.88560	32.92815	1,209	797	1,164	30	127	6	Increased Gradually	Scattered	18	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	600,000	5,6,7	None	Health Centre	Diarrhea,Dysentery	Malaria	Traditional Pit	Primary Sch.	45	60	Grass/Mud	Mud Bricks	Keroshine Lamp	60	5	na	Water	Health	30	60	Women	Girls	Male	Average
403	Tbr	16 Upuge	101 Kongo	3	4.83859	32.95800	1,217	787	1,149	29	140	6	Increased Gradually	Clustered	35	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	5,6,7,8	None	Dispensary	Typhoid,Malaria	Dysentery,Cholera	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud and Pole	Keroshine Lamp	50	20	na	Water	Health	15	40	Women	Girls	Male	Worse than Average
404	Tbr	16 Upuge	102 Lunguya	3	4.88467	32.97963	1,272	2,110	3,081	78	169	12	Increased Gradually	Linear	40	Minibus	-	Agriculture	Bussiness and Trading	BrickMaking	150,000	150,000	5,6,7,8,9	None	Health Centre	Diarrhea,Typhoid,Malaria	Typhoid,Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud and Pole	Keroshine Lamp	70	40	VWC,Others	Water	Health	15	45	Women	Girls	Male	Average
405	Tbr	16 Upuge	103 Mhogwe	4	4.88119	33.02310	1,245	642	938	24	73	9	No Change	Mixed	36	Bicycle	-	Livestock Keeping	Agriculture	None	400,000	600,000	5,6,7,8,9,10	None	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	58	35	na	Water	Health	20	20	Women	Girls	Male	Average
406	Tbr	16 Upuge	104 Uhuru Mbiti	2	4.85861	32.95497	1,225	401	586	15	77	5	Increased Gradually	Mixed	21	Bicycle	-	Agriculture	Livestock Keeping	None	700,000	1,000,000	8,9	Other	Dispensary	Cholera,Malaria	Malaria	Traditional Pit	Primary Sch.	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	10	0	VWC,Farmers' G	Health	Water	30	30	Women	Girls	Male	Average
407	Tbr	16 Upuge	105 Upuge	3	4.92498	32.97031	1,248	2,127	3,564	131	328	6	Increased Gradually	Concentrated	25	Bicycle	-	Agriculture	Livestock Keeping	None	1,000,000	1,000,000	5,6,7	Health Centre	Health Centre	Diarrhea,Dysentery	Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	90	80	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	WUG,Farmers' G	Road	Road	7	45	Women	Girls	Male	Average
408	Tbr	17 Usagari	106 Azimio	5	4.85279	32.47412	1,185	2,460	3,592	90	393	6	Increased Gradually	Mixed	50	Minibus	-	Agriculture	Livestock Keeping	Oil Processing	300,000	800,000	5,6,7,8	None	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	Farmers' G	Health	Water	30	90	Women	Girls	Male	Average
409	Tbr	17 Usagari	107 Imalauduki	5	4.88344	32.50885	1,185	3,021	4,411	111	461	7	Increased Gradually	Mixed	30	Minibus	-	Agriculture	Livestock Keeping	None	100,000	700,000	6,7	Dispensary	Dispensary	Diarrhea,Malaria,Respiratory Diseases	Diarrhea	Traditional Pit	Primary Sch., Secondary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	40	5	VWC,Women G,Farmers' G	Water	Road	10	120	Women	Men	Male	Average
410	Tbr	17 Usagari	108 Migungumalo	7	4.95154	32.52657	1,192	2,500	3,650	92	555	5	Increased Gradually	Clustered	49	Car	-	Agriculture	Livestock Keeping	Carpentry	500,000	800,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	60	40	Farmers' G	Water	Health	15	30	Women	Girls	Male	Average
411	Tbr	17 Usagari	109 Msimba	4	4.91746	32.53342	1,199	973	1,421	52	247	6	Increased Gradually	Clustered	20	Bicycle	-	Agriculture	Employment	None	1,000,000	1,000,000	7,8,9	None	Phamacy	Diarrhea,Malaria	Employment	Traditional Pit	Primary Sch.	80	20	Grass/Mud	Mud Bricks	Keroshine Lamp	90	10	VWC,Farmers' G	Health	Water	30	60	Women	Girls	Male	Average

Table 2.5 Results of Socio-Economic Survey in Tabora Municipality (1/1)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m³	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female				Rainy season	Dry season	Primary	Secondary		
412	Tbu	1 Itetemia	1 Itetemia	8	5.06478	32.78410	1,215	4,615	7,977	200	995	5	Increased Gradually	Mixed	8	Walking,Bicycle	-	Agriculture	Livestock Keeping	Brick Making	540,000	600,000	3,4,5,6	Other	Dispensary,Pharmacy	Malaria,Typhoid,Diarrhea0	Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.,	65	55	Iron Sheet, Grass/Mud	Burnt Bricks,Mud	Keroshine Lamp	50	50	VWC,Farmers' G,Cultural G	Water	Other	30	180	Women	Children	Male	Average
413	Tbu	1 Itetemia	2 Lusangi	5	4.98769	32.73310	1,189	1,430	2,472	62	289	5	Increased Gradually	Linear	12	Walking,Bicycle	-	Agriculture	Charcoal Making	Brick Making	200,000	360,000	4,5,6	Dispensary	Dispensary, Pharmacy, additional Master	Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	25	20	Grass/Mud	Mud Bricks	Keroshine Lamp,Firewood	10	5	VWC,Women G,Others	Water	Health	30	30	Women	Girls	Male	Average
414	Tbu	1 Itetemia	3 Ntalikwa	4	5.05652	32.77227	1,196	3,195	5,523	239	dna	7	Decreased Gradually	Mixed	13	Walking,Bicycle	-	Agriculture	Livestock Keeping	BrickMaking	500,000	600,000	5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch.	45	35	Grass/Mud	Mud Bricks	Keroshine Lamp	75	20	Farmers' G,Carpenters' G	Water	Health	30	120	Women	Children	Male	Average
415	Tbu	2 Itonjanda	4 Ifucha	4	5.10719	32.89385	1,212	1,843	3,699	160	270	6	Decreased Dramatically	Scattered	20	Other	-	Agriculture	Charcoal Making	None	720,000	720,000	6,7,8	None	Others	Diarrhea,Dysentery,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	50	25	Women G,Farmers' G	Road	Other	40	40	Women	Men	Male	Average
416	Tbu	2 Itonjanda	5 Itonjanda	6	4.97769	32.92623	1,217	2,218	3,834	96	477	5	Increased Dramatically	Mixed	10	Bicycle	-	Agriculture	Bussiness and Trading	None	300,000	250,000	5,6,7	Dispensary	Dispensary	Diarrhea,Malaria,Typhoid	Eye Diseases,Malaria,Typhoid	Traditional Pit	Primary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	70	50	VWC,Women G,Youth G	Water	Education	10	20	Women	Others	Male	Average
417	Tbu	2 Itonjanda	6 Kazima	4	5.00165	32.88858	1,202	1,155	1,997	50	250	5	Increased Gradually	Scattered	15	Bicycle	-	Agriculture	Livestock Keeping	None	150,000	600,000	10,11,12	None	Dispensary	Malaria,Diarrhea	Respiratory Diseases	Traditional Pit	Primary Sch.	80	80	Grass/Mud	Mud Bricks	Keroshine Lamp	50	30	Youth G,Farmers' G	Water	Health	10	80	Women	Others	Male	Worse than Average
418	Tbu	3 Kakola	7 Igombe	8	4.89759	32.71584	1,139	4,826	8,768	379	766	6	Increased Gradually	Clustered	40	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	1,000,000	6,7,89	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	None	90	95	Grass/Mud	Mud Bricks	Keroshine Lamp	50	5	VWC,Farmers' G	Road	Water	20	45	Women	Girls	Male	Worse than Average
419	Tbu	3 Kakola	8 Kakola	3	4.52128	32.49485	1,190	2,015	3,483	88	330	6	Increased Dramatically	Clustered	19	Bicycle	-	Agriculture	Livestock Keeping	None	800,000	700,000	4,5,6,7	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	90	90	Grass/Mud	Mud Bricks	Keroshine Lamp	50	25	VWC,Women G,Farmers' G	Water	Road	8	60	Women	Others	Male	Average
420	Tbu	3 Kakola	9 Magoweko	4	4.85631	32.79412	1,177	1,787	3,248	141	558	3	Increased Gradually	Mixed	15	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	4,5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	75	70	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	VWC,Women G,Farmers' G	Water	Education	45	60	Women	Others	Male	Worse than Average
421	Tbu	4 Kalunde	10 Izimbili	1	5.00388	32.72611	1,184	878	1,596	69	161	5	Decreased Dramatically	Linear	10	Walking,Bicycle	-	Agriculture	Livestock Keeping	BrickMaking	100,000	110,000	6,7,8,9,10	None	Others	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	50	30	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC	Water	Health	15	30	Women	Girls	Male	Worse than Average
422	Tbu	4 Kalunde	11 Kalunde	4	4.95742	32.66961	1,150	1,550	2,679	116	300	6	No Change	Scattered	10	Car,Motorbike,Bicycle	-	Agriculture	Livestock Keeping	None	900,000	950,000	5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases,Eye Diseases	Traditional Pit	Primary Sch., Secondary Sch.	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	10	15	Women G,Youth G,Others	Water	Other	10	180	Women	Children	Male	Average
423	Tbu	4 Kalunde	12 Ulamba	2	4.98646	32.73108	1,159	624	1,079	27	159	4	Increased Dramatically	Clustered	12	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	100,000	200,000	4,5,6,7	None	Dispensary	Diarrhea,Typhoid,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	30	20	Grass/Mud	Mud and Pole	Keroshine Lamp	20	10	VWC,Women G,Farmers' G	Water	Health	30	60	Women	Girls	Male	Average
424	Tbu	5 Misha	13 Igambilo	5	4.91286	32.76144	1,143	2,578	4,456	112	817	3	Increased Dramatically	Mixed	20	Bicycle	-	Agriculture	Fishing	None	800,000	300,000	6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	35	15	Grass/Mud	Mud Bricks	Keroshine Lamp	80	50	VWC,Women G,Farmers' G,Others	Water	Road	20	60	Women	Others	Male	Better than average
425	Tbu	5 Misha	14 Itaga	5	4.56226	32.44362	1,167	1,981	3,784	164	386	5	Increased Dramatically	Mixed	18	Bicycle	-	Agriculture	Livestock Keeping	None	150,000	150,000	4,5,6	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea	Traditional Pit	Primary Sch., Secondary Sch.	80	80	Grass/Mud	Mud Bricks	Keroshine Lamp	50	60	Farmers' G,VWC,Others	Water	Other	30	120	Women	Girls	Male	Average
426	Tbu	5 Misha	15 Kabila	6	4.51145	32.46025	1,196	3,491	6,667	289	460	7	Increased Dramatically	Mixed	21	Bicycle	-	Agriculture	Fishing	None	200,000	600,000	3,4,5	None	Dispensary	Diarrhea,Typhoid	Diarrhea	Traditional Pit	Primary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC,Women G,Others	Health	Other	30	30	Women	Men	Male	Worse than Average
427	Tbu	5 Misha	16 Masagala	4	4.94229	32.80181	1,195	1,892	3,271	82	562	3	Increased Dramatically	Mixed	11	Motor bike	-	Agriculture	Mining	None	800,000	1,000,000	5,6	None	Phamacy	Diarrhea,Dysentery,Typhoid	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	60	Grass/Mud	Mud Bricks	Keroshine Lamp	10	20	VWC,Farmers' G,Cultural G	Health	Education	30	90	Women	Girls	Male	Average
428	Tbu	5 Misha	17 Misha	2	4.91286	32.76144	1,143	759	1,451	63	172	4	Increased Gradually	Linear	18	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	500,000	750,000	4,5,6,7	None	Dispensary	Typhoid,Malaria	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	95	95	Grass/Mud	Mud Bricks	Keroshine Lamp	25	2	VWC,Farmers' G,Others	Water	Health	30	30	Women	Girls	Male	Average
429	Tbu	6 Ndevelwa	18 Inala	4	5.06702	32.92977	1,233	3,546	6,129	154	526	7	Increased Dramatically	Clustered	13	Walking,Bicycle	-	Agriculture	Livestock Keeping	None	300,000	300,000	5,6,7	None	Phamacy	Typhoid,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	56	44	Grass/Mud	Mud and Pole	Keroshine Lamp	20	10	VWC,Women G	Water	Health	5	180	Women	Men	Male	Average
430	Tbu	6 Ndevelwa	19 Itulu	1	5.13184	32.85939	1,168	902	1,641	71	161	5	No Change	Scattered	12	Bicycle	-	Agriculture	Employment	None	1,800,000	1,600,000	6,7	None	Dispensary	Malaria	Scabies	None	Primary Sch.	30	20	Grass/Mud	Mud and Pole	Keroshine Lamp	65	25	Farmers' G,Others	Water	Health	30	180	Men	Girls	Male	Worse than Average
431	Tbu	6 Ndevelwa	20 Ndevelwa	3	5.10552	32.87843	1,208	3,156	5,733	248	553	5	Increased Dramatically	Scattered	16	Walking,Bicycle	-	Agriculture	Charcoal Making	None	200,000	350,000	5,6,7	Dispensary	Dispensary, Pharmacy, additional Master	Diarrhea,Typhoid,Malaria	Diarrhea,Typhoid,Respiratory Diseases	Traditional Pit	Primary Sch.	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	VWC,Women G	Water	Health	50	60	Women	Men	Male	Worse than Average
432	Tbu	7 Tumbi	21 Tumbi	13	5.07380	32.69257	1,191	7,311	13,281	574	1,261	6	Increased Dramatically	Clustered	16	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	500,000	800,000	6,7,8	Dispensary	Dispensary, Pharmacy, additional Master	Diarrhea,Typhoid,Malaria	Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	70	50	Grass/Mud	Mud Bricks	Keroshine Lamp	50	40	VWC,Farmers' G,Women G	Water	Other	20	120	Women	Girls	Male	Average
433	Tbu	8 Uyui	22 Imalamihayo	7	4.93931	32.88956	1,239	2,660	4,598	115	340	5	Increased Dramatically	Mixed	9	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	400,000	4,5,6,7	None	Dispensary	Diarrhea	Malaria	Traditional Pit	Primary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	20	10	VWC,Farmers' G	Water	Education	10	60	Women	Others	Male	Worse than Average
434	Tbu	8 Uyui	23 Kalumwa	6	4.55380	32.58162	1,234	1,292	2,348	102	200	6	Increased Dramatically	Linear	19.7	Bicycle	-	Agriculture	Livestock Keeping	None	600,000	300,000	3,4,5,6	None	Dispensary	Diarrhea,Malaria	Eye Diseases	Traditional Pit	Primary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Women G,Farmers' G	Water	Road	20	30	Women	Others	Male	Average
435	Tbu	8 Uyui	24 Uyui	8	4.94857	32.83261	1,199	3,138	5,424	136	dna	6	Increased Gradually	Mixed	2	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	250,000	5,6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	VWC,Farmers' G,Carpenters' G	Water	Health	10	120	Women	Others	Male	Worse than Average

Table 2.6 Results of Socio-Economic Survey in Urambo District (1/2)

Serial No.	District	Ward	Village	No. of sub-village	GPS South	GPS East	GPS Altitude (m)	Population (2009)	Population (2020)	Water Demand (2020) Unit:m³	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)
436	Urb	1 Ichemba	1 Ichemba	3	4.72799	32.33585	1,153	7,323	13,153	563	432	5	Increased Gradually	Mixed	120
437	Urb	1 Ichemba	2 Makingi	3	4.68259	32.28973	1,146	6,368	10,892	466	515	3	Increased Dramatically	Mixed	93
438	Urb	1 Ichemba	3 Nhwande	5	4.67879	32.38122	1,187	2,044	3,496	88	328	10	Increased Dramatically	Clustered	128
439	Urb	1 Ichemba	4 Utantamke	5	4.73572	32.24152	1,170	2,184	3,736	94	438	5	Increased Dramatically	Scattered	83
440	Urb	2 Igagala	5 Imalampaka	3	4.94952	31.73909	1,109	2,380	4,275	183	406	6	Increased Dramatically	Linear	67
441	Urb	2 Igagala	6 Kamsekwa	2	4.92493	31.69745	1,108	3,662	6,578	282	735	5	Increased Dramatically	Linear	38
442	Urb	2 Igagala	7 Kazana Upate	3	4.93556	31.59681	1,102	1,853	3,329	143	226	8	Increased Gradually	Linear	67
443	Urb	2 Igagala	8 Mpwaga	2	4.92188	31.68086	1,113	3,552	6,380	273	334	10	Increased Gradually	Scattered	40
444	Urb	2 Igagala	9 Mtakuja	8	4.93009	31.63008	1,119	6,970	12,518	536	850	8	Increased Gradually	Linear	64
445	Urb	2 Igagala	10 Mtakuja Mashariki	4	4.92621	31.64322	1,124	2,054	3,514	88	458	7	Increased Dramatically	Concentrated	63
446	Urb	2 Igagala	11 Wachawaseme	3	4.94184	31.95523	1,101	2,003	3,599	154	236	8	No Change	Scattered	69
447	Urb	3 Imalamakoye	12 Imalamakoye	4	5.09983	32.08697	1,110	2,509	5,752	246	359	5	Increased Dramatically	Scattered	3
448	Urb	3 Imalamakoye	13 Itebulanda	6	5.20882	32.0802	1,092	6,090	10,938	468	360	16	Increased Dramatically	Scattered	18
449	Urb	3 Imalamakoye	14 Nsenda	4	5.18320	32.08644	1,118	4,588	8,241	353	560	8	Increased Gradually	Scattered	15
450	Urb	4 Itundu	15 Itundu	4	5.08465	32.15622	1,116	2,281	3,902	98	425	5	Increased Gradually	Linear	10
451	Urb	4 Itundu	16 Kasisi	4	5.12991	32.13798	1,130	4,077	6,974	175	588	7	Increased Gradually	Mixed	13
452	Urb	4 Itundu	17 Kitete	2	5.02619	32.19151	1,143	1,216	2,080	52	206	6	Increased Gradually	Scattered	14
453	Urb	4 Itundu	18 Mpigwa	3	5.07311	32.17795	1,124	2,211	3,782	95	438	5	Increased Dramatically	Scattered	12
454	Urb	4 Itundu	19 Wema	4	5.18060	32.1308	1,112	4,545	7,774	333	440	7	No Change	Scattered	20
455	Urb	5 Kaliua	20 Ilindwanoni	3	5.03777	31.73529	1,047	4,184	8,699	372	606	6	Increased Dramatically	Mixed	42
456	Urb	5 Kaliua	21 Kaliua Magharibi	4	5.05447	31.79286	1,091	3,817	7,199	308	622	6	Increased Gradually	Linear	37
457	Urb	5 Kaliua	22 Kaliua Mashariki	4	5.05785	31.79396	986	5,841	9,991	428	573	9	Increased Dramatically	Concentrated	35
458	Urb	5 Kaliua	23 Kasungu	3	5.01829	31.80203	1,042	1,575	2,829	121	220	7	Increased Dramatically	Mixed	40
459	Urb	6 Kapilula	24 Kapilula	3	5.08559	32.10851	1,131	1,568	3,106	133	257	5	Increased Gradually	Scattered	4
460	Urb	6 Kapilula	25 Ulasa A	3	5.07229	32.10092	1,131	1,072	1,834	46	199	5	Increased Dramatically	Scattered	7
461	Urb	6 Kapilula	26 Ulasa B	4	5.05391	32.12397	1,138	1,767	3,175	136	334	5	No Change	Scattered	11
462	Urb	7 Kashishi	27 Bulela	4	4.32108	32.21955	1,148	4,294	7,345	184	500	9	Increased Dramatically	Scattered	26
463	Urb	7 Kashishi	28 Busondi	4	4.39998	32.29786	1,165	4,065	6,953	174	422	10	Increased Gradually	Clustered	110
464	Urb	7 Kashishi	29 Ilege	8	4.44558	32.27312	1,218	10,932	18,698	468	1,250	9	Increased Dramatically	Clustered	95
465	Urb	7 Kashishi	30 Iyombo	5	4.38334	32.4488	1,186	2,673	4,572	115	305	9	No Change	Scattered	129
466	Urb	7 Kashishi	31 Kagera	5	4.43043	32.42081	1,188	2,870	4,909	123	309	9	Increased Gradually	Clustered	130
467	Urb	7 Kashishi	32 Kashishi	7	4.37986	32.38301	1,135	6,090	10,416	261	617	10	Increased Dramatically	Clustered	120
468	Urb	7 Kashishi	33 King`wangoko	8	4.40468	32.26374	1,190	2,732	4,673	117	400	7	Increased Dramatically	Scattered	102
469	Urb	7 Kashishi	34 Mgiri	6	4.41295	32.21684	1,160	5,386	9,212	231	663	8	Increased Gradually	Scattered	104
470	Urb	7 Kashishi	35 Mwendakulima	5	4.33897	32.30980	1,211	5,972	10,215	256	668	9	Increased Gradually	Scattered	132
471	Urb	7 Kashishi	36 Nyasa	4	4.32288	32.26132	1,195	3,355	5,739	144	446	8	Increased Gradually	Scattered	120
472	Urb	7 Kashishi	37 Sasu	6	4.46168	32.32154	1,152	4,901	8,383	210	778	6	Increased Gradually	Clustered	95
473	Urb	7 Kashishi	38 Seleli	4	4.33170	32.32577	1,205	2,506	4,287	108	421	6	Increased Gradually	Scattered	100
474	Urb	8 Kazaroho	39 Igwisi	5	4.91458	31.90239	1,048	7,485	12,802	548	440	7	Increased Dramatically	Clustered	40
475	Urb	8 Kazaroho	40 Imalamihayo	4	4.93075	32.09125	1,136	2,564	4,606	197	389	6	Increased Gradually	Clustered	36
476	Urb	8 Kazaroho	41 Kazaroho	5	4.98588	31.85395	1,062	2,608	4,919	211	456	5	Increased Gradually	Scattered	40
477	Urb	8 Kazaroho	42 Mpanda Mlowoka	4	4.67114	32.68662	1,157	7,786	13,984	598	2,117	4	Increased Dramatically	Linear	78
478	Urb	8 Kazaroho	43 Ndolobo	2	4.98069	31.96475	1,139	3,642	6,230	156	540	7	Increased Gradually	Scattered	15
479	Urb	8 Kazaroho	44 Nsimbo	6	4.94106	31.82267	1,146	1,773	3,344	143	343	5	Increased Gradually	Scattered	41
480	Urb	8 Kazaroho	45 Usangi	5	4.82913	31.93845	1,040	5,439	9,768	418	700	7	Increased Dramatically	Clustered	24
481	Urb	8 Kazaroho	46 Usimba	4	5.01201	31.92103	1,127	5,673	9,703	415	700	6	Increased Gradually	Scattered	15
482	Urb	9 Kiloleni	47 Kalembela	4	5.02811	32.29086	1,152	3,131	5,624	241	515	6	Increased Dramatically	Scattered	42
483	Urb	9 Kiloleni	48 Kiloleni	4	5.01940	32.31647	1,171	1,653	2,970	127	262	6	Increased Dramatically	Scattered	40
484	Urb	9 Kiloleni	49 Kinhwa	3	5.04065	32.35719	1,141	1,376	2,597	112	214	6	Increased Dramatically	Clustered	50
485	Urb	10 Muungano	50 Kalemela A	6	4.99934	32.04636	1,143	4,758	8,973	384	940	5	Increased Dramatically	Mixed	7
486	Urb	10 Muungano	51 Kalemela B	4	5.01286	32.04114	1,131	4,515	8,109	347	450	10	Increased Dramatically	Mixed	9
487	Urb	10 Muungano	52 Muungano	6	5.02244	32.13565	1,152	5,604	9,585	240	785	7	Increased Dramatically	Scattered	10
488	Urb	11 Mwongozo	53 Ibambo	7	4.79882	32.42997	1,161	3,832	6,555	281	450	6	Increased Gradually	Mixed	120
489	Urb	11 Mwongozo	54 Kanoge	5	4.79109	32.32670	1,130	3,375	6,062	260	521	6	Increased Dramatically	Linear	70
490	Urb	11 Mwongozo	55 Mwongozo	5	4.80464	32.39397	1,150	3,123	6,185	265	418	6	Increased Dramatically	Mixed	90
491	Urb	12 Songambele	56 Igengensabo	3	4.83668	32.01291	1,122	1,416	2,422	61	256	10	Increased Dramatically	Scattered	19
492	Urb	12 Songambele	57 Igunguli	6	4.80830	32.07541	1,130	8,426	14,412	617	dna	8	Increased Dramatically	Scattered	40
493	Urb	12 Songambele	58 Jionee mwenyewe	3	4.93676	32.16755	1,122	7,119	16,319	698	356	15	Increased Gradually	Mixed	18

Serial No.	Transportation to the city	If it is inside of Forest Reserve	Economic Activities: Prime	Economic Activities: Secondary	Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses: Rainy Season	Common Illnesses: Dry Season	Toilet Facility	Education Facility
436	Minibus	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	1,000,000	5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.
437	Minibus	-	Agriculture	Livestock Keeping	Carpentry	100,000	4,000,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Diarrhea	Traditional Pit ,None	Primary Sch.
438	Minibus	-	Agriculture	Livestock Keeping	Carpentry	2,000,000	1,500,000	4,5,6,7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
439	Minibus	all	Agriculture	Livestock Keeping	Brick Making	150,000	350,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.
440	Minibus	-	Agriculture	Beekeeping	Carpentry	300,000	400,000	3,4,5,6,7,8	None	Dispensary,Phamacy	Malaria,Diarrhea	Respiratory Diseases	Traditional Pit ,None	Primary Sch.
441	Minibus,Bicycle	-	Agriculture	Employment	Carpentry	600,000	1,200,000	3,4,5,6,7,8,	None	Dispensary,Phamacy	Diarrhea,Malaria	Eye Diseases,Scabies	Traditional Pit ,None	Primary Sch.
442	Minibus,Bicycle	-	Agriculture	Beekeeping	Carpentry	200,000	500,000	5,6,7	None	Dispensary,Phamacy	Malaria,Respiratory Diseases	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
443	Minibus,Bicycle, Motor bike	-	Agriculture	Beekeeping	Carpentry	700,000	1,300,000	3,4,5,6,7,8	None	Phamacy,Dispensary	Diarrhea,Malaria	Scabies	Traditional Pit ,None	None
444	Minibus	-	Agriculture	Beekeeping	Carpentry	500,000	700,000	3,4,5,6,7	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.
445	Minibus,Bicycle	-	Agriculture	Agriculture	None	500,000	1,000,000	3,4,5,6,7,8	None	Dispensary	Malaria,Dysentery	Malaria	Traditional Pit ,None	Secondary Sch.
446	Minibus	-	Agriculture	Fishing	other	700,000	800,000	5,6,7,8,9	None	Dispensary	Diarrhea,Respiratory Diseases,Scabies,Malaria	Scabies	Traditional Pit ,None	Primary Sch.
447	Walking,Bicycle	-	Agriculture	Livestock Keeping	Brick Making	700,000	1,000,000	3,4,5,6,7,8,9	None	Dispensary,Hospital	Dysentery,Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,V. .I. P	Primary Sch.
448	Bicycle	-	Agriculture	Beekeeping	None	400,000	500,000	6,7,8,9	Dispensary	Phamacy,Dispensary	Malaria,Dysentery	Malaria,Respiratory Diseases,Dysentery	Traditional Pit	Primary Sch.
449	Motor bike,Bicycle,Car	-	Agriculture	Beekeeping	None	1,000,000	4,000,000	6,7,8	None	Phamacy	Malaria,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.
450	Bicycle	-	Agriculture	Bussiness and Trading	Carpentry	360,000	400,000	3,4,5,6,7	None	Phamacy	Malaria,Diarrhea	Malaria	Traditional Pit	Primary Sch., Secondary Sch.
451	Bicycle,Walking, Motor bike	-	Agriculture	Livestock Keeping	None	300,000	500,000	3,4,5,6,7,8	None	Hospital,Traditional Healer	Malaria,Dysentery,Diarrhea	Malaria	Traditional Pit ,None	Primary Sch.
452	Bicycle,Walking	-	Agriculture	na	None	150,000	200,000	4,5,6,7	None	Phamacy	Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
453	Car,Bicycle	-	Agriculture	Livestock Keeping	Carpentry	200,000	200,000	3,4,5,6,7	None	Phamacy	Malaria,Dysentery	Malaria,Dysentery	Traditional Pit ,None	Primary Sch.
454	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	500,000	4,5,6,7,8,9	None	Phamacy	Malaria,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
455	Minibus	-	Agriculture	Livestock Keeping	None	300,000	720,000	4,5,6,7,8,9	Dispensary	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
456	Bicycle,Minibus	-	Agriculture	Bussiness and Trading	None	300,000	800,000	6,7,8,9,10	None	Health Centre,Phamacy	Malaria,Diarrhea	Respiratory Diseases,Diarrhea,Malaria	Traditional Pit	None
457	Minibus	-	Agriculture	Bussiness and Trading	Carpentry	500,000	1,500,000	4,5,6,7	Health Centre	Health Centre,Phamacy	Malaria,Diarrhea	Respiratory Diseases,Eye Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.
458	Minibus	-	Agriculture	Livestock Keeping	None	500,000	720,000	6,7,8	None	Health Centre	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
459	Walking,Bicycle	-	Agriculture	Livestock Keeping	None	500,000	800,000	7,8	None	Hospital	Malaria	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.
460	Walking,Bicycle	-	Agriculture	Beekeeping	Oil Processing	500,000	600,000	6,7,8	None	Phamacy	Diarrhea,Scabies	Malaria	Traditional Pit	Primary Sch.
461	Walking,Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	300,000	500,000	8,9,10	None	Hospital,Phamacy	Malaria,Diarrhea	Malaria	Traditional Pit ,None	Primary Sch.
462	Minibus,Bicycle	partly	Agriculture	Livestock Keeping	None	500,000	1,000,000	4,5,6,7	None	Others	Diarrhea,Malaria	Respiratory Diseases	Traditional Pit ,None	Primary Sch.
463	Bicycle,Minibus	all	Agriculture	Livestock Keeping	None	500,000	1,000,000	11,12	None	Dispensary,Phamacy	Malaria,Diarrhea	Malaria,Scabies	Traditional Pit	Primary Sch.
464	Bicycle,Minibus	partly	Agriculture	Livestock Keeping	None	800,000	1,000,000	4,5,6,7,8,9	None	Dispensary,Phamacy	Malaria,Scabies	Malaria,Respiratory Diseases	Traditional Pit ,None	None
465	Bicycle,Minibus	-	Agriculture	Livestock Keeping	None	200,000	500,000	4,5,6,7	None	Phamacy,Traditional Healer	Diarrhea,Dysentery,Malaria	Respiratory Diseases,Malaria	Traditional Pit ,None	Primary Sch.
466	Bicycle	all	Agriculture	Livestock Keeping	None	400,000	600,000	6,7,8,9	None	Phamacy	Diarrhea.Malaria	Malaria	None	Primary Sch.
467	Bicycle,Motor bike	-	Livestock Keeping	Agriculture	Carpentry	1,000,000	2,000,000	6,7,8,9	Dispensary	Dispensary,Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases	None	Primary Sch., Secondary Sch.
468	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Brick Making	1,000,000	1,000,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Eye Diseases,Malaria	Traditional Pit ,None	Primary Sch.
469	Bicycle,Minibus	partly	Agriculture	Livestock Keeping	None	100,000	250,000	3,4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Eye Diseases,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
470	Bicycle,Minibus	all	Agriculture	Livestock Keeping	Carpentry	200,000	800,000	4,5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
471	Minibus,Bicycle	-	Agriculture	Livestock Keeping	Carpentry	400,000	400,000	4,5,6,7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.
472	Bicycle,Minibus	-	Agriculture	Livestock Keeping	None	200,000	300,000	3,4,5,6	Dispensary	Dispensary	Malaria,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch.
473	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Carpentry	100,000	200,000	5,6,7,8,9	None	Phamacy	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit ,None	Primary Sch.
474	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	500,000	600,000	4,5,6,7,8	Dispensary	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
475	Bicycle,Walking	-	Agriculture	Livestock Keeping	Oil Processing	400,000	600,000	2,3,4,5,6,7	None	Dispensary,Phamacy	Malaria,Respiratory Diseases,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch.
476	Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	200,000	300,000	4,5,6,7,8	Dispensary	Dispensary,Phamacy	Malaria,Dysentery	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.
477	Bicycle	-	Agriculture	Livestock Keeping	BrickMaking	500,000	800,000	3,4,5,6,7,8	None	Traditional Healer,Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	None,Traditional Pit	Primary Sch.
478	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	200,000	200,000	3,4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	None
479	Bicycle	-	Agriculture	Beekeeping	Carpentry	500,000	1,000,000	3,4,5,7,8	None	Phamacy,Traditional Healer	Malaria,Dysentery	Scabies,Respiratory Diseases	None	Primary Sch.
480	Bicycle	-	Agriculture	Livestock Keeping	BrickMaking	500,000	1,200,000	6,7	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases,Diarrhea	Traditional Pit ,None	Primary Sch.
481	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	1,000,000	3,000,000	4,5,6,7,8,9	None	Dispensary	Malaria,Respiratory Diseases	Eye Diseases	8,Traditional Pit	Primary Sch.
482	Minibus,Bicycle	-	Agriculture	Livestock Keeping	Carpentry	1,500,000	3,000,000	5,6,7,8	None	Phamacy	Diarrhea,Typhoid,Malaria	Respiratory Diseases,Diarrhea0	Traditional Pit	Primary Sch.
483	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	600,000	1,000,000	7,8,9	None	Phamacy	Diarrhea,Malaria,Respiratory Diseases	Respiratory Diseases	None	Primary Sch., Secondary Sch.
484	Bicycle	-	Agriculture	Livestock Keeping	None	250,000	250,000	3,4,5,6	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.
485	Car	-	Agriculture	Livestock Keeping	Carpentry	800,000	800,000	4,5,6,7	None	Phamacy	Diarrhea,Dysentery,Typhoid	Malaria,	Traditional Pit	Primary Sch., Secondary Sch.
486	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	180,000	300,000	7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.
487	Walking,Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	4,5,6,7	Dispensary	Dispensary	Diarrhea,Dysentery,Malaria	Malaria,Diarrhea	Traditional Pit ,None	Primary Sch.
488	Minibus	-	Agriculture	Livestock Keeping	Carpentry	300,000	800,000	5,6,7,8	None	Dispensary,Phamacy	Diarrhea,Malaria	Respiratory Diseases,Malaria	Traditional Pit	Primary Sch., Secondary Sch.
489	Motor bike,Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	500,000	1,000,000	7,8	None	Dispensary,Phamacy	Diarrhea,Malaria	Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch.
490	Bicycle	-	Agriculture	Beekeeping	Oil Processing	400,000	900,000	5,6,7,8	Dispensary	Dispensary,Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.
491	Bicycle	all	Agriculture	Livestock Keeping	None	1,000,000	2,000,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.
492	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	200,000	750,000	6,7,8,9	Dispensary	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.
493	Minibus,Car	-	Agriculture	Livestock Keeping	None	1,500,000	1,500,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.

Serial No.	Literacy Rate (%): Male	Literacy Rate (%): Female	Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%): Male	Mobile Possession Rate (%): Female	Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes): Rainy season	Fetching Time (Minutes): Dry season	Responsibility for fetching water: Primary	Responsibility for fetching water: Secondary	Decision Maker	Comparison with Other Village
436	85	75	Grass/Mud	Mud and Pole	Keroshine Lamp	50	30	VWC,Women G	Water	Health	10	240	Women	Children	Male	Average
437	80	60	Grass/Mud	Mud and Pole	Keroshine Lamp	20	5	na	Water	Health	45	180	Women	Children	Male	Average
438	50	40	Grass/Mud	Mud and Pole	Keroshine Lamp	70	10	Farmers' G,Carpenters' G	Water	Health	30	120	Women	Children	Male	Worse than Average
439	50	20	Grass/Mud	Mud and Pole	Keroshine Lamp	60	7	na	Water	Health	30	30	Women	Children	Male	Average
440	70	70	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	80	40	Women G,VWC,Carpenters' G,Others	Water	Health	45	240	Women	Children	Male	Average
441	80	60	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	50	40	VWC	Water	Health	30	600	Women	Children	Male	Average
442	35	25	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	25	20	VWC,Women G,Youth G	Water	Health	60	60	Women	Children	Male	Average
443	85	70	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	70	45	VWC	Water	Health	30	600	Women	Children	Male	Average
444	70	40	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	45	15	VWC,Women G	Water	Education	10	120	Women	Children	Male	Average
445	70	50	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	20	5	na	Water	Health	20	240	Women	Men	Male	Worse than Average
446	15	5	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	10	3	VWC,Women G,Youth G	Water	Health	30	40	Women	Men	Male	Average
447	80	70	Iron Sheet, Grass/Mud	Concrete Block,Burnt Bricks,Mud Bricks	Electricity,Keroshine Lamp	40	20	VWC,Others,Women G	Water	Health	30	30	Women	Children	Male	Better than average
448	25	10	Grass/Mud	Mud Bricks	Keroshine Lamp	25	12	VWC	Water	Health	30	60	Women	Children	Male	Average
449	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	60	60	Women G,VWC	Water	Road	20	120	Women	Men	Male	Average
450	80	75	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	2	1	VWC,Women G	Water	Road	20	30	Women	Children	Male	Better than average
451	50	50	Grass/Mud	Mud Bricks	Keroshine Lamp	2	1	Women G,Youth G,VWC	Water	Road	45	180	Women	Children	Male	Average
452	50	60	Grass/Mud	Mud Bricks	Keroshine Lamp	80	30	VWC	Water	Health	30	60	Women	Children	Male	Average
453	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	50	35	VWC,Women G,Youth G	Water	Health	60	180	Women	Children	Male	Average
454	70	40	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	80	10	VWC,Women G,Youth G	Water	Health	30	360	Women	Children	Male	Worse than Average
455	65	50	Grass/Mud	Mud Bricks	Electricity	30	10	VWC,WUG,Women G,Farmers' G	Water	Health	30	60	Women	Children	Male	Average
456	70	30	Grass/Mud	Mud Bricks	Keroshine Lamp,Electricity	50	20	VWC,Carpenters' G	Water	Education	30	60	Women	Children	Male	Worse than Average
457	67	55	Iron Sheet, Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp,Electricity	20	37	VWC,Carpenters' G	Water	Health	60	420	Women	Children	Male	Average
458	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	30	10	VWC,WUG,Women G,Farmers' G,Cultural G	Water	Health	30	60	Women	Children	Male	Average
459	30	20	Grass/Mud	Mud Bricks	Keroshine Lamp	85	70	Women G	Water	Health	30	120	Women	Men	Male	Worse than Average
460	90	95	Iron Sheet	Burnt Bricks	Keroshine Lamp	75	35	VWC,Women G	Water	Health	60	360	Women	Children	Male	Worse than Average
461	50	40	Grass/Mud	Mud Bricks	Keroshine Lamp	3	1	VWC,Women G	Water	Health	50	180	Women	Girls	Male	Average
462	60	50	Grass/Mud	Mud and Pole	Keroshine Lamp	25	12	na	Water	Health	30	60	Women	Men	Male	Average
463	70	20	Grass/Mud	Mud Bricks	Keroshine Lamp	50	3	Women G,Farmers' G	Water	Health	5	5	Women	Children	Male	Average
464	2	1	Grass/Mud	Mud Bricks	Keroshine Lamp	2	1	na	Water	Health	30	120	Women	Children	Male	Average
465	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	1	VWC,Cultural G	Road	Water	20	60	Women	Children	Male	Worse than Average
466	80	60	Grass/Mud	Mud and Pole	Keroshine Lamp	40	20	WUG,Farmers' G	Health	Water	20	30	Women	Men	Male	Worse than Average
467	80	70	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	50	20	VWC,Women G,Youth GCarpenters' G,Cultural G	Water	Road	20	60	Women	Children,Men	Male	Better than average
468	60	40	Grass/Mud	Mud and Pole	Keroshine Lamp	10	1	Farmers' G	Water	Road	40	40	Women	Children	Male	Average
469	65	40	Grass/Mud	Mud and Pole	Keroshine Lamp	9	1	VWC,Farmers' G	Health	Road	20	30	Women	Children	Male	Average
470	50	30	Grass/Mud	Mud and Pole	Keroshine Lamp	20	5	Women G,Farmers' G	Health	Education	20	20	Women	Children	Male	Average
471	70	50	Grass/Mud	Mud and Pole	Keroshine Lamp	20	3	VWC	Water	Health	20	60	Women	Children	Male	Average
472	70	30	Grass/Mud	Mud Bricks	Keroshine Lamp	10	2	VWC,WUG	Road	Water	30	30	Women	Children	Male	Average
473	50	50	Grass/Mud	Mud and Pole	Keroshine Lamp	10	3	VWC,Women G,Youth G,Farmers' G	Health	Road	10	20	Women	Children	Male	Better than average
474	80	70	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	VWC,Farmers' G	Water	Health	60	90	Women	Girls	Male	Worse than Average
475	60	40	Grass/Mud, Iron Sheet	Mud Bricks	Keroshine Lamp	20	5	VWC,Women G,Youth G,Farmers' G	Health	Water	30	180	Women	Children	Male	Average
476	70	70	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	5	3	VWC,Women G	Water	Health	30	180	Women	Children	Male	Average
477	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	75	5	VWC	Health	Water	10	20	Women	Men	Male	Worse than Average
478	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	5	5	na	Education	Water	30	60	Women	Men,Boys, Girls	Male	Worse than Average
479	70	20	Grass/Mud	Mud Bricks	Keroshine Lamp	25	10	Farmers' G	Water	Health	10	30	Women	Children	Male	Worse than Average
480	18	10	Grass/Mud	Mud Bricks	Keroshine Lamp	50	50	Farmers' G	Water	Health	30	60	Women	Children	Male	Worse than Average
481	60	20	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	20	5	VWC,Farmers' G,Women G	Water	Health	30	60	Women	Children	Male	Average
482	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	65	40	Women G	Water	Road	30	60	Women	Children	Male	Average
483	70	20	Grass/Mud	Mud and Pole	Keroshine Lamp	70	10	VWC,Women G,Farmers' G,Cultural G	Water	Health	60	180	Women	Men	Male	Average
484	60	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Women G,Farmers' G	Water	Health	15	60	Women	Children	Male	Average
485	70	60	Grass/Mud	Mud Bricks	Firewood	10	1	VWC,Women G	Water	Road	10	30	Women	Children	Male	Worse than Average
486	50	60	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	VWC,Women G,Youth G	Water	Health	30	120	Women	Children	Male	Average
487	40	20	Grass/Mud	Mud Bricks	Keroshine Lamp	4	1	VWC,Farmers' G	Water	Health	10	180	Women	Children	Male	Average
488	85	80	Grass/Mud, Iron Sheet	Mud Bricks,Burnt Bricks	Keroshine Lamp	40	30	VWC,Women G,Farmers' G	Water	Health	10	45	Women	Children	Male	Better than average
489	70	70	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	50	30	Farmers' G,VWC,Carpenters' G	Road	Water	30	60	Women	Children	Male	Average
490	70	40	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	50	10	VWC,WUG,Farmers' G	Water	Education	60	240	Women	Children	Male	Worse than Average
491	20	10	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	20	1	na	Water	Health	30	180	Women	Children	Male	Average
492	48	20	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	5	2	VWC,Women G,Farmers' G	Water	Road	20	60	Women	Children	Male and Female	Average
493	75	60	Grass/Mud	Mud Bricks	Keroshine Lamp	85	25	VWC,WUG,Women G,Cultural G	Health	Water	15	30	Women	Children	Male	Average

Table 2.6 Results of Socio-Economic Survey in Urambo District (2/2)

Serial No.	District	Ward	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Demographic change	Dwelling type	Distance to the city (km)	Transportation to the city	If it is inside of Forest Reserve	Economic Activities		Industry	Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Month of Income	Availability of health facility	Health care provider	Common Illnesses		Toilet Facility	Education Facility	Literacy Rate (%)		Roof Material	Wall Material	Energy Source	Mobile Possession Rate (%)		Kind of Community Org	Concerned Sector in the villages		Fetching Time (Minutes)		Responsibility for fetching water		Decision Maker	Comparison with Other Village
					South	East	Altitude (m)											Prime	Secondary							Rainy Season	Dry Season			Male	Female				Male	Female				Rainy season	Dry season	Primary	Secondary		
494	Urb	12 Songambele	59 Milambo	4	4.75098	31.99905	1,119	1,854	3,171	80	263	6	Increased Dramatically	Scattered	47	Bicycle	all	Agriculture	Livestock Keeping	None	250,000	800,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	20	10	Grass/Mud	Mud and Pole	Keroshine Lamp	5	0	Farmers' G	Water	Health	10	60	Women	Children	Male and Female	Worse than Average
495	Urb	12 Songambele	60 Mlangane	4	4.89661	32.20456	1,115	3,882	6,640	166	326	12	Increased Gradually	Scattered	24	Bicycle	all	Agriculture	Livestock Keeping	Brick Making	2,000,000	2,000,000	7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria	None	Primary Sch.	75	20	Grass/Mud	Mud and Pole	Keroshine Lamp	30	10	na	Water	Health	20	30	Women	Children	Male	Average
496	Urb	12 Songambele	61 Songambele	7	4.93077	32.09124	1,082	3,856	6,926	297	528	7	Increased Gradually	Scattered	22	Bicycle	-	Agriculture	Livestock Keeping	None	1,000,000	2,500,000	4,5,6,7,8,9	Dispensary	Dispensary,Phamacy	Malaria,Diarrhea	Malaria,Respiratory Diseases,Diarrhea	Traditional Pit ,None	Primary Sch., Secondary Sch.	80	80	Grass/Mud	Mud Bricks	Keroshine Lamp	40	20	VWC,Women G,Youth G,Farmers' G	Water	Health	30	120	Women	Children	Male	Average
497	Urb	12 Songambele	62 Unzali	4	4.84003	32.12827	1,138	2,218	3,794	95	315	8	Increased Dramatically	Scattered	47	Bicycle	all	Agriculture	Livestock Keeping	Carpentry	200,000	700,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	40	20	Grass/Mud	Mud and Pole	Keroshine Lamp	10	2	na	Water	Health	20	60	Women	Children	Male and Female	Average
498	Urb	12 Songambele	63 Uyogo	4	4.91220	32.00912	1,131	6,579	11,253	482	dna	7	Increased Dramatically	Scattered	12	Bicycle	-	Agriculture	Livestock Keeping	Brick Making	500,000	1,000,000	7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	70	50	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	60	7	VWC,Women G	Water	Electricily	30	180	Women	Children	Male	Average
499	Urb	13 Ugunga	64 Limbula	5	5.12145	31.74018	1,036	2,702	4,854	208	415	6	Increased Dramatically	Scattered	44	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	400,000	3,4,5,6,7,8	Dispensary	Dispensary,Traditional Healer	Malaria,Dysentery	Malaria,Respiratory Diseases	None,Traditional Pit	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	70	20	VWC,Women G,Farmers' G	Water	Road	30	45	Women	Children	Male	Average
500	Urb	13 Ugunga	65 Tuombe Mungu	8	5.09071	31.70684	1,098	5,619	11,682	500	611	8	Increased Dramatically	Mixed	42	Motor bike	-	Agriculture	Livestock Keeping	Carpentry	800,000	900,000	2,3,4,5,6	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	75	25	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,WUG,Farmers' G	Water	Education	30	60	Women	Children	Male	Average
501	Urb	13 Ugunga	66 Ugunga	2	5.07496	31.74898	970	950	1,625	70	dna	6	No Change	Clustered	40	Minibus,Bicycle	-	Agriculture	Livestock Keeping	None	200,000	500,000	4,5,6,7,8	None	Traditional Healer,Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases,Dysentery	None	Primary Sch.	60	20	Grass/Mud	Mud Bricks	Keroshine Lamp	30	2	VWC,Women G,Youth G,Farmers' G	Water	Health	10	10	Women	Children	Male	Worse than Average
502	Urb	14 Ukondamoyo	67 Ifuta	5	5.18556	31.92916	1,054	1,961	3,524	151	360	5	Increased Dramatically	Mixed	32	Bicycle	-	Agriculture	Livestock Keeping	None	1,000,000	1,500,000	6,7,8,9	None	Dispensary	Diarrhea,Malaria	Malaria,Diarrhea	None	Primary Sch.	65	45	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	VWC	Water	Road	30	45	Women	Children	Male	Average
503	Urb	14 Ukondamoyo	68 Kamalendi	6	5.16962	31.90154	1,084	2,580	4,634	199	367	7	Increased Gradually	Mixed	36	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	3,000,000	7,8,9,10	Dispensary	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	80	80	Grass/Mud	Mud Bricks	Keroshine Lamp	70	5	VWC,Women G,Farmers' G	Water	Road	60	180	Women	Men	Male	Worse than Average
504	Urb	14 Ukondamoyo	69 Tumaini	7	5.16523	32.00638	1,090	2,794	5,811	249	224	10	Increased Gradually	Mixed	12	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	500,000	1,000,000	3,4,5,6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	55	50	Grass/Mud	Mud Bricks	Keroshine Lamp	60	30	VWC,Carpenters' G	Water	Health	30	120	Women	Children	Male	Average
505	Urb	14 Ukondamoyo	70 Ukondamoyo	8	5.12129	31.98445	1,040	3,865	7,290	312	564	6	Increased Gradually	Scattered	12	Bicycle	-	Agriculture	Livestock Keeping	Oil Processing	500,000	1,500,000	5,6,7,8,9	None	Phamacy	Diarrhea,Typhoid,Malaria	Malaria	Traditional Pit ,None	Primary Sch., Secondary Sch.	15	5	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	40	10	VWC,Women G,Farmers' G	Water	Health	15	30	Women	Children	Male	Average
506	Urb	15 Ukumbisiganga	71 Kangeme	5	5.42165	31.57940	1,090	5,670	10,184	436	1079	5	Increased Gradually	Mixed	60	Other	-	Agriculture	Beekeeping	Carpentry	2,000,000	3,000,000	5,6,7,8	Dispensary	Dispensary	Malaria,Dysentery	Respiratory Diseases,Scabies	Traditional Pit ,None	Primary Sch.	80	75	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	50	20	VWC,Farmers' G	Water	Road	30	150	Women	Children	Male	Average
507	Urb	15 Ukumbisiganga	72 Lumbe	3	5.49887	31.49754	1,080	3,779	6,787	291	876	4	Increased Gradually	Scattered	90	Other	-	Agriculture	Beekeeping	Carpentry	2,000,000	2,500,000	5,6,7,8	None	Dispensary	Malaria,Diarrhea	Malaria,Diarrhea	Traditional Pit	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	50	30	VWC,Women G	Health	Water	60	180	Women	Children	Male	Average
508	Urb	15 Ukumbisiganga	73 Ukumbi Kakoko	2	5.72953	31.20674	1,078	387	662	29	120	5	Increased Dramatically	Scattered	180	Other	-	Beekeeping	Agriculture	None	2,000,000	3,000,000	6,7,8,9,10,11,12	None	Health Centre,Traditional Healer	Malaria,Diarrhea	Diarrhea0	Traditional Pit	Primary Sch.	90	75	Grass/Mud	Mud Bricks	Keroshine Lamp	5	3	Farmers' G	Road	Water	20	30	Women	Children	Male	Average
509	Urb	15 Ukumbisiganga	74 Ukumbisiganga	4	5.49491	31.51271	1,081	4,539	8,152	349	800	5	Increased Gradually	Scattered	92	Other	-	Agriculture	Beekeeping	Carpentry	500,000	700,000	3,4,5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Diarrhea,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	VWC,Women G	Water	Road	15	60	Women	Children	Male	Average
510	Urb	15 Ukumbisiganga	75 Usinga	2	5.66675	31.28130	1,124	543	929	24	200	3	Increased Dramatically	Scattered	120	Other	-	Agriculture	Beekeeping	Carpentry	200,000	300,000	5.6.7.8,9,10	None	Phamacy	Diarrhea,Dysentery,Malaria	Malaria,Diarrhea0	Traditional Pit ,None	Primary Sch.	20	10	Grass/Mud	Mud Bricks	Keroshine Lamp	10	1	VWC	Water	Health	30	180	Women	Children	Male	Average
511	Urb	15 Ukumbisiganga	76 Zugimole	5	5.32224	31.65096	1,097	18,000	30,787	770	dna	7	Increased Dramatically	Scattered	60	Minibus,Other,Bicycle	-	Agriculture	Beekeeping	None	1,500,000	2,500,000	5,6,7,8,9,10	Dispensary	Dispensary	Malaria,Diarrhea	Diarrhea0,Malaria	Traditional Pit	Primary Sch.	75	60	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	15	10	VWC,Women G,Farmers' G	Water	Road	20	30	Women	Children	Male	Better than average
512	Urb	16 Urambo	77 Urambo Kati	3	5.07436	32.07042	1,118	9,882	17,749	759	1,501	6	Increased Dramatically	Concentrated	2	Minibus,Car,Motor bike,Bicycle	-	Bussiness and Trading	Agriculture	Oil Processing	500,000	1,000,000	4,5,6,7	None	Dispensary,Phamacy	Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,V. .I. P	Primary Sch., Secondary Sch.	80	80	Iron Sheet, Grass/Mud	Concrete Block,Burnt Bricks,Mud Bricks	Electricity,Keroshine Lamp	80	70	VWC,Farmers' G,Women G	Water	Solid Waste	10	20	Women	Children	Male	Average
513	Urb	16 Urambo	78 Urambo Kusini	4	5.07026	32.06866	1,112	9,998	17,100	732	606	dna	Increased Gradually	Concentrated	1	Minibus,Car,Motor bike,Bicycle	-	Agriculture	Casual Work	Carpentry	2,000,000	3,000,000	6,7,8,9	Hospital	Hospital	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,V. .I. P	Primary Sch., Secondary Sch.	90	90	Iron Sheet	Concrete Block,Burnt Bricks	Electricity,Keroshine Lamp	90	80	VWC,Women G,Youth G	Water	Solid Waste	60	120	Women	Children	Male	Better than average
514	Urb	16 Urambo	79 Urambo Magharibi	4	5.06582	32.06305	1,102	6,463	11,609	497	545	11	Increased Dramatically	Concentrated	2	Minibus,Car,Motor bike,Bicycle	-	Agriculture	Bussiness and Trading	Oil Processing	1,000,000	2,000,000	5,6,7,8	Dispensary	Dispensary,Phamacy	Malaria,Respiratory Diseases	Malaria	Traditional Pit	Primary Sch., Secondary Sch.	50	40	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Electricity,Keroshine Lamp	70	80	VWC,Women G,Youth G,Farmers' G	Water	Health	10	20	Women	Children	Male	Average
515	Urb	16 Urambo	80 Urambo Mashariki	4	5.06596	32.07083	1,104	8,921	16,023	686	1,778	5	Increased Dramatically	Concentrated	4	Minibus,Car,Motor bike,Walking	-	Agriculture	Bussiness and Trading	Carpentry	500,000	1,000,000	6,7,8,9,10	None	Hospital,Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit ,V. .I. P	Primary Sch.	70	70	Iron Sheet	Concrete Block,Burnt Bricks	Electricity,Keroshine Lamp	60	50	VWC,Women G	Water	Solid Waste	20	120	Women	Children	Male	Average
516	Urb	17 Ushokola	81 Imalaupina	6	5.15551	31.79756	1,049	5,075	8,680	372	dna	6	Increased Dramatically	Scattered	34	Bicycle,Minibus	-	Agriculture	Livestock Keeping	None	200,000	400,000	4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea,Eye Diseases,Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	80	70	Grass/Mud	Mud and Pole	Keroshine Lamp	30	5	na	Water	Road	20	60	Women	Children	Male	Average
517	Urb	17 Ushokola	82 Isanjandugu	4	5.08311	31.8269	1,087	2,730	4,904	210	259	10	Increased Gradually	Mixed	33	Minibus	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	1000000	3,4,5,6	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	5	3	VWC,Women G	Water	Education	10	15	Women	Children	Male	Average
518	Urb	17 Ushokola	83 Pozamoyo	4	5.09649	31.78475	1,053	710	1,215	31	87	8	Decreased Gradually	Scattered	36	Minibus	-	Agriculture	Livestock Keeping	None	200,000	700,000	3,4,5,6,7,8	None	Dispensary	Diarrhea,Typhoid,Malaria	Diarrhea,Malaria	Traditional Pit ,None	Primary Sch.	60	50	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	50	15	VWC,Women G	Water	Health	30	120	Women	Children	Male	Average
519	Urb	17 Ushokola	84 Ushokola	5	5.06906	31.79597	1,098	2,393	4,299	184	450	5	Increased Dramatically	Mixed	36	Minibus,Bicycle	-	Agriculture	Bussiness and Trading	Brick Making	300,000	400,000	5,6,7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch., Secondary Sch.	65	50	Grass/Mud	Burnt Bricks,Mud Bricks	Keroshine Lamp	75	50	VWC	Water	Health	30	20	Women	Children	Male	Average
520	Urb	17 Ushokola	85 Usindi	4	5.08621	31.846	1,083	2,392	4,512	193	575	4	Increased Dramatically	Mixed	30	Minibus	-	Agriculture	Livestock Keeping	Carpentry	400,000	800,000	3,4,5,6,	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	70	30	VWC,Youth G,Cultural G	Health	Electricily	10	30	Women	Children	Male	Average
521	Urb	18 Usinge	86 Kombe	3	5.05770	31.53349	1,095	3,950	6,756	169	632	6	Increased Dramatically	Scattered	60	Minibus,Other	-	Agriculture	Livestock Keeping	Oil Processing	200,000	500,000	7,8	None	Phamacy	Malaria,Diarrhea,Respiratory Diseases	Respiratory Diseases,Diarrhea0,Scabies	Traditional Pit ,None	Primary Sch.	60	40	Grass/Mud	Mud Bricks	Keroshine Lamp	30	5	VWC,Farmers' G	Road	Water	30	60	Women	Children	Male	Average
522	Urb	18 Usinge	87 Luganjo	3	5.13914	31.31236	1,119	1,935	3,476	149	385	5	Increased Gradually	Scattered	120	Minibus	-	Agriculture	Livestock Keeping	None	200,000	400,000	3,4,5,6,7,8	None	Dispensary	Malaria,Diarrhea	Eye Diseases,Scabies	Traditional Pit ,None	Primary Sch.	65	30	Grass/Mud	Mud Bricks	Keroshine Lamp	10	0	Women G	Water	Health	15	30	Women	Girls	Male	Worse than Average
523	Urb	18 Usinge	88 Mabona	5	5.20953	31.21638	1,117	1,680	3,018	130	370	4	Increased Dramatically	Mixed	150	Minibus	-	Agriculture	Fishing	None	200,000	720,000	6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Eye Diseases	Traditional Pit ,None	Primary Sch.	68	59	Grass/Mud	Mud Bricks	Keroshine Lamp	20	5	VWC,Women G,Farmers' G,Others	Road	Water	25	37	Women	Children	Male	Average
524	Urb	18 Usinge	89 Shela	3	5.24095	31.31720	1,065	3,173	5,699	244	538	6	Increased Dramatically	Scattered	125	Minibus,Other	-	Agriculture	Fishing	None	500,000	350,000	7,8	None	Dispensary	Malaria,Dysentery	Malaria,Scabies	Traditional Pit ,None	Primary Sch.	65	45	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	15	5	na	Water	Health	60	60	Women	Men	Male	Average
525	Urb	18 Usinge	90 Usinge	10	5.09559	31.29873	1,065	13,515	23,116	578	2230	6	Increased Dramatically	Scattered	120	Minibus	-	Agriculture	Bussiness and Trading	BrickMaking	500,000	1,000,000	6,7,8,9,10	Dispensary	Dispensary	Malaria,Diarrhea	Eye Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	40	20	Iron Sheet, Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	60	10	VWC,Women G	Water	Road	20	700	Women	Children	Male	Average
526	Urb	19 Usisya	91 Katungulu	4	5.08657	32.20160	1,190	3,312	5,949	255	620	5	No Change	Linear	22	Bicycle	-	Agriculture	Livestock Keeping	None	300,000	600,000	3,4,5,6,7,8	None	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	40	Grass/Mud	Mud Bricks	Keroshine Lamp	60	20	VWC,Women G,Farmers' G	Water	Health	30	180	Women	Girls	Male	Average
527	Urb	19 Usisya	92 Mabunduku	4	5.03783	32.23731	1,159	2,335	3,994	100	489	5	Increased Gradually	Clustered	32	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	300,000	700,000	6,7	None	Dispensary	Diarrhea,Malaria	Malaria	Traditional Pit ,None	Primary Sch.	80	60	Grass/Mud	Mud and Pole	Keroshine Lamp	7	10	Women G,Farmers' G	Water	Health	10	160	Women	Children	Male	Average
528	Urb	19 Usisya	93 Sipungu	4	5.06676	32.02706	1,149	2,086	3,748	161	303	7	Increased Gradually	Clustered	28	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	1,000,000	8,9,10	None	Phamacy	Diarrhea,Respiratory Diseases	Malaria	Traditional Pit ,None	Primary Sch.	60	35	Grass/Mud	Mud Bricks	Keroshine Lamp	20	4	Farmers' G	Water	Education	10	120	Women	Men	Male	Average
529	Urb	19 Usisya	94 Usisya	3	5.08657	32.33275	1,140	2,078	3,555	89	349	6	No Change	Scattered	8	Minibus	-	Agriculture	Livestock Keeping	Carpentry	1,000,000	1,500,000	3,4,5,6,7,8	Dispensary	Dispensary	Diarrhea,Malaria	Diarrhea,Eye Diseases	Traditional Pit	Primary Sch., Secondary Sch.	80	75	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks	Electricity,Keroshine Lamp	80	50	VWC,Women G,Farmers' G	Water	Health	30	180	Women	Children	Male	Average
530	Urb	20 Ussoke	95 Itegamatwi	5	5.15230	32.29159	1,123	1,813	3,101	78	398	5	Increased Gradually	Scattered	43	Bicycle	-	Agriculture	Beekeeping	None	600,000	800,000	5,6,7	None	Dispensary	Scabies,Malaria	Respiratory Diseases	Traditional Pit	Primary Sch.	65	55	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	VWC,Women G,Youth G,Farmers' G	Water	Road	10	20	Women	Girls	Male	Average
531	Urb	20 Ussoke	96 Usongelani	3	5.08571	32.33564	1,180	635	1,141	49	120	5	Increased Gradually	Mixed	30	Bicycle,Minibus	-	Agriculture	Livestock Keeping	None	100,000	360,000	3,4,5,6,7	None	Dispensary	Dysentery,Malaria	Eye Diseases,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	80	60	Grass/Mud	Mud Bricks	Keroshine Lamp	10	5	VWC,Women G,Farmers' G	Water	Health	10	60	Women	Children	Male	Worse than Average
532	Urb	20 Ussoke	97 Ussoke	7	5.09476	32.31758	1,151	6,648	11,940	511	1,333	5	Increased Dramatically	Linear	20	Bicycle,Motor bike	-	Agriculture	Livestock Keeping	Oil Processing	300,000	700,000	3,4,5,6,7	Health Centre	Health Centre,Phamacy	Malaria,Typhoid	Malaria,Cholera	Traditional Pit	Primary Sch.	75	50	Iron Sheet, Grass/Mud	Burnt Bricks,Mud Bricks,Concrete Block	Electricity,Keroshine Lamp	25	10	VWC,Women G,Farmers' G,Others	Water	Other	30	120	Women	Children	Male	Better than average
533	Urb	21 Uyowa	98 Mwendakulima	5	4.57584	32.97012	1,135	2,208	4,591	197	917	2	Increased Dramatically	Scattered	98	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Brick Making	5,000,000	1,000,000	5,6,7,8	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	50	25	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	60	3	Women G,Farmers' G	Water	Health	10	90	Women	Children	Male	Average
534	Urb	21 Uyowa	99 Nsungwa	4	4.47527	32.00428	1,137	6,911	13,033	558	845	7	Increased Dramatically	Mixed	110	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	1,000,000	5,6,7,8	Dispensary	Dispensary,Phamacy	Malaria,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit ,None	Primary Sch.	80	50	Grass/Mud	Mud Bricks	Keroshine Lamp	80	40	VWC,Farmers' G	Water	Road	30	120	Women	Children	Male	Average
535	Urb	21 Uyowa	100 Songambele	4	4.58794	32.01709	1,130	5,409	10,711	458	1,086	4	Increased Dramatically	Mixed	100	Minibus	-	Agriculture	Livestock Keeping	Carpentry	500,000	500,000	6,7,8,9	None	Phamacy	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch.	70	60	Grass/Mud	Mud Bricks,Mud and Pole	Keroshine Lamp	5	1	VWC	Water	Health	20	30	Women	Children	Male	Average
536	Urb	21 Uyowa	101 Uhindi	4	4.54146	31.96391	1,163	2,259	3,864	97	441	5	Increased Gradually	Scattered	104	Motor bike,Bicycle	-	Agriculture	Beekeeping	Carpentry	250,000	350,000	6,7,8	Dispensary	Dispensary	Malaria,Diarrhea	Diarrhea,Dysentery	Traditional Pit ,None	Primary Sch.	70	40	Grass/Mud	Mud Bricks	Keroshine Lamp	50	20	VWC	Water	Road	45	120	Women	Children	Male	Average
537	Urb	22 Uyumbu	102 Isongwa	7	5.21925	32.30056	1,141	3,360	6,035	259	360	9	Increased Dramatically	Scattered	75	Bicycle	-	Agriculture	Beekeeping	None	600,000	800,000	3,4,5,6,7	Dispensary	Dispensary	Diarrhea,Malaria,Respiratory Diseases	Eye Diseases	Traditional Pit ,None	Primary Sch.	8	6	Grass/Mud	Mud and Pole	Keroshine Lamp	75	50	VWC,Women G,Farmers' G	Water	Health	10	60	Women	Men	Male	Average
538	Urb	22 Uyumbu	103 Izengabatogilwe	5	5.26019	32.28010	1,133	2,988	6,524	279	281	8	Increased Gradually	Scattered	80	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	872,000	6,7,8	None	Phamacy	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit ,None	Primary Sch.	45	40	Grass/Mud	Mud and Pole	Keroshine Lamp	30	10	VWC,Women G	Water	Education	15	30	Women	Children	Male	Average
539	Urb	22 Uyumbu	104 Izimbili	6	5.22251	32.40791	1,117	3,719	6,679	286	480	7	Increased Dramatically	Scattered	30	Minibus	-	Agriculture	Livestock Keeping	Oil Processing	1,000,000	3,000,000	6,7,8,9	Dispensary	Dispensary,Phamacy	Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary Sch., Secondary Sch.	80	75	Iron Sheet, Grass/Mud	Mud Bricks	Keroshine Lamp	90	70	VWC,Carpenters' G,Farmers' G	Water	Electricily	30	120	Women	Children	Male	Average
540	Urb	22 Uyumbu	105 Nsogolo	5	5.24057	32.34045	1,160	2,288	3,914	98	365	6	Increased Dramatically	Scattered	36	Walking,Bicycle	-	Agriculture	Livestock Keeping	Carpentry	500,000	1,000,000	6,7,8	None	Phamacy	Diarrhea,Malaria,Respiratory Diseases	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	60	10	Grass/Mud	Mud and Pole	Keroshine Lamp	30	5	VWC,Women G	Water	Health	30	120	Women	Children	Male	Better than average
541	Urb	22 Uyumbu	106 Usoke Mlimani	7	5.71271	32.35796	1,185	2,495	4,706	202	360	6	Increased Gradually	Scattered	48	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Oil Processing	300,000	700,000	4,5,6,78,9,10	Dispensary	Dispensary	Malaria,Typhoid	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch., Secondary Sch.	80	60	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	20	10	VWC,Farmers' G	Water	Health	30	120	Women	Children,Men	Male	Better than average
542	Urb	22 Uyumbu	107 Yelayela	4	5.19863	32.36723	1,194	1,536	2,898	124	197	7	Increased Gradually	Mixed	50	Minibus,Walking	-	Agriculture	Livestock Keeping	None	350,000	360,000	7,8,9,10	None	Phamacy	Diarrhea,Malaria	Malaria	Traditional Pit	Primary Sch.	75	50	Grass/Mud	Mud Bricks	Keroshine Lamp	40	10	Farmers' G	Water	Health	30	120	Women	Men	Male	Worse than Average
543	Urb	23 Vumilia	108 Chekeleni	2	5.04593	32.00261	1,106	360	680	30	93	4	No Change	Scattered	20	Bicycle	-	Agriculture	Livestock Keeping	None	200,000	300,000	3,4,5,6,7,8	None	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	60	30	Grass/Mud	Mud Bricks	Keroshine Lamp	5	0	VWC,WUA	Water	Health	20	120	Women	Girls	Male	Average
544	Urb	23 Vumilia	109 Motomoto	3	5.06417	31.96581	1,110	3,455	5,910	253	377	4	Increased Gradually	Scattered	12	Bicycle	-	Agriculture	Livestock Keeping	Carpentry	500,000	1,000,000	6,7,8,9	None	Dispensary	Malaria,Dysentery	Malaria,Scabies	Traditional Pit ,None	Primary Sch.	75	25	Grass/Mud	Mud Bricks	Keroshine Lamp	30	15	VWC,Women G,Farmers' G	Water	Health	30	360	Women	Men	Male	Worse than Average
545	Urb	23 Vumilia	110 Nkokoto	4	5.08906	31.90247	1,101	2,287	3,912	98	450	5	Increased Dramatically	Scattered	27	Bicycle	-	Agriculture	Livestock Keeping	None	500,000	600,000	4,5,6,7	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	35	25	Grass/Mud	Mud Bricks,Burnt Bricks	Keroshine Lamp	80	40	VWC,Farmers' G	Water	Health	30	120	Women	Children	Male	Better than average
546	Urb	23 Vumilia	111 Uhuru	4	5.06795	31.89321	1,104	1,485	2,540	64	306	5	Decreased Gradually	Linear	15	Bicycle	-	Agriculture	Employment	other	1.000.000	1,500,000	7,8,9	None	Phamacy	Malaria,Diarrhea	Malaria	Traditional Pit ,None	Primary Sch.	70	60	Grass/Mud	Mud Bricks	Keroshine Lamp	30	20	Women G,Farmers' G	Health	Water	10	15	Women	Men	Male	Average
547	Urb	23 Vumilia	112 Vumilia	3	5.06479	31.92519	1,104	2,207	4,589	197	350		Increased Gradually	Clustered	16	Bicycle,Minibus	-	Agriculture	Livestock Keeping	Carpentry	300,000	400,000	6,7,8,9	Dispensary	Dispensary	Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary Sch.	56	54	Grass/Mud	Mud Bricks	Keroshine Lamp	60	21	VWC,Women G	Water	Health	20	40	Women	Girls	Male	Average

CHAPTER 6 RURAL WATER SUPPLY PLAN AND PRIORITY PROJECT

Table 6.1 Rural Water Supply Plan and Evaluation of Village for Priority Project（Igunga District）(1/2)

Igunga District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve	Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Other	Total	Population served by existing and planned schemes	Coverage (%)	Increasing of service population	Rural Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation or Extension	Serial No.	Water source	Population Served	Level-1: Pop. to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total: Total pop. Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population to be served by other sources	Total Population Served	Total Coverage (%)	Aterenative Water Sypply Scheme	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
1	Bukoko	1	Bukoko	3,244	4,687	5	Linear	N			0	0	0	0	0	0	0	0	0	0		4,687	4,687	0	0			0	4,687	19	0	0	0	0	0	0	0	0	0	4,687	4,687	100	PW, RW	–	–	–	–	–
		2	Ipumbulya	4,886	7,058	7	Linear	n			0	0	0	0	0	0	0	0	0	0		7,058	7,058	0	0			0	7,058	29	0	0	0	0	0	0	0	0	0	7,058	7,058	100	PW, RW	–	–	–	–	–
		3	Mangungu	2,721	3,931	3	Scattered	n			0	0	0	0	0	0	0	0	0	0		3,931	3,931	0	0			0	3,931	16	0	0	0	0	0	0	0	0	0	3,931	3,931	100	PW, RW	–	–	–	–	–
		4	Mtunguru	5,453	7,878	6	Clustered	n			0	0	0	0	0	0	0	0	0	0		7,878	7,878	0	0			0	7,878	32	0	0	0	0	0	0	0	0	0	7,878	7,878	100	PW, RW	–	–	–	–	–
		5	Mwazizi	2,128	3,074	4	Mixed	n			0	0	0	0	0	0	0	0	0	0		3,074	3,074	0	0			0	3,074	13	0	0	0	0	0	0	0	0	0	3,074	3,074	100	PW, RW	–	–	–	–	–
2	Chabutwa	6	Chapela	2,331	3,368	7	Scattered	a			0	0	0	0	0	0	0	0	0	0		3,368	3,368	0	0			0	3,368	14	7	0	7	0	1,750	1,750	1,750	52	1,750	1,618	3,368	100	PW,	4	2	2	10	5
		7	Igumo	3,148	4,548	6	Mixed	a			0	0	0	0	0	0	0	0	0	0		4,548	4,548	0	0			0	4,548	19	6	0	6	0	1,500	1,500	1,500	33	1,500	3,048	4,548	100	PW,	4	3	2	12	3
		8	Majengo	2,112	3,051	6	Linear	A			0	0	0	0	0	0	0	0	0	0		3,051	3,051	0	0			0	3,051	13	6	1	5	250	1,250	1,500	1,500	49	1,500	1,551	3,051	100	PW	4	2	3	11	4
3	Choma	9	Bulangamilwa	4,403	6,361	8	Clustered	a		WSDP	0	0	0	0	0	0	0	0	0	0																												
		10	Chibiso	3,413	4,931	4	Clustered	n			1,700	0	0	1,700	0	0	0	0	1,700	50		4,931	3,231	0	0			0	3,231	13	0	0	0	0	0	0	0	0	1,700	3,231	4,931	100	PW, RW	–	–	–	–	–
		11	Chomachankola	7,363	10,637	8	Concentrated	n			6,228	0	0	6,228	0	0	0	0	6,228	85		10,637	4,409	0	0			0	4,409	18	0	0	0	0	0	0	0	0	6,228	4,409	10,637	100	PW, RW	–	–	–	–	–
4	Igoweko	12	Buhekela	6,856	9,904	6	Linear	a			0	0	0	0	0	0	0	0	0	0		9,904	9,904	0	0			0	9,904	40	6	0	6	0	1,500	1,500	1,500	15	1,500	8,404	9,904	100	PW	4	2	2	10	5
		13	Igoweko	6,088	8,795	10	Concentrated	a			0	0	0	0	0	0	0	0	0	0		8,795	8,795	0	0			0	8,795	36	6	0	6	0	1,500	1,500	1,500	17	1,500	7,295	8,795	100	PW	4	2	2	10	5
		14	Uswaya	4,520	6,530	9	Clustered	N			0	1,000	0	1,000	0	0	0	0	1,000	22		6,530	5,530	0	0			0	5,530	23	0	2	0	500	0	500	500	9	1,500	5,030	6,530	100	PW, RW	–	–	–	–	–
		15	Utuja	4,697	6,785	6	Concentrated	a			0	0	0	0	0	0	0	0	0	0		6,785	6,785	0	0			0	6,785	28	6	0	6	0	1,500	1,500	1,500	22	1,500	5,285	6,785	100	PW, RW	4	2	2	10	5
5	Igunga	16	Isugilo	3,835	5,540	5	Scattered	n		IGUWASA	0	0	0	0	0	0	0	0	0	0																												
		17	Makomero	3,117	4,503	4	Clustered	N		IGUWASA	0	250	0	250	0	0	0	0	250	8																												
		18	Mgongoro	3,129	4,520	5	Mixed	n		IGUWASA	0	0	0	0	0	0	0	0	0	0																												
		19	Mwanzugi	21,560	31,145	8	Linear	a		IGUWASA	0	0	0	0	0	0	0	0	0	0																												
6	Igurubi	20	Ibole	360	521	5	Scattered	n			0	0	0	0	0	0	0	0	0	0		521	521	0	0			0	521	3	0	0	0	0	0	0	0	0	0	521	521	100	PW, RW	–	–	–	–	–
		21	Igurubi	7,739	11,180	7	Concentrated	N			3,335	0	0	3,335	0	0	0	0	3,335	43		11,180	7,845	0	0			0	7,845	32	0	1	0	250	0	250	250	3	3,585	7,595	11,180	100	PW, RW	–	–	–	–	–
		22	Kalangale	1,904	2,751	5	Scattered	n			0	0	0	0	0	0	0	0	0	0		2,751	2,751	0	0			0	2,751	12	0	0	0	0	0	0	0	0	0	2,751	2,751	100	PW, RW	–	–	–	–	–
		23	Mwagala	2,227	3,217	5	Scattered	n			0	0	0	0	0	0	0	0	0	0		3,217	3,217	0	0			0	3,217	13	0	0	0	0	0	0	0	0	0	3,217	3,217	100	PW, RW	–	–	–	–	–
		24	Mwakwangu	2,411	3,483	4	Mixed	n			0	0	0	0	0	0	0	0	0	0		3,483	3,483	0	0			0	3,483	14	0	0	0	0	0	0	0	0	0	3,483	3,483	100	PW, RW	–	–	–	–	–
7	Isakamaliwa	25	Hindishi	2,391	3,454	6	Scattered	n		IGUWASA	0	0	0	0	2,391	0	0	2,391	2,391	100																												
		26	Isakamaliwa	4,372	6,316	6	Scattered	n			0	0	0	0	0	0	0	0	0	0		6,316	6,316	0	0			0	6,316	26	0	1	0	250	0	250	250	4	250	6,066	6,316	100	PW, RW	–	–	–	–	–
		27	Kidalu	3,017	4,359	4	Scattered	n			0	0	0	0	0	0	0	0	0	0		4,359	4,359	0	0			0	4,359	18	0	0	0	0	0	0	0	0	0	4,359	4,359	100	PW, RW	–	–	–	–	–
8	Itumba	28	Chagana	2,486	3,592	2	Scattered	a			0	0	0	0	0	0	0	0	0	0		3,592	3,592	0	0			0	3,592	15	6	0	2	0	500	500	500	14	500	3,092	3,592	100	PW	4	2	2	10	5
		29	Itumba	4,561	6,589	6	Clustered	N			0	250	0	250	0	0	0	0	250	5		6,589	6,339	0	0			0	6,339	26	0	0	0	0	0	0	0	0	250	6,339	6,589	100	PW, RW	–	–	–	–	–
		30	Lugubu	5,297	7,652	6	Concentrated	A			0	250	0	250	0	0	0	0	250	5		7,652	7,402	0	0			0	7,402	30	6	2	4	500	1,000	1,500	1,500	20	1,750	5,902	7,652	100	PW	4	2	3	11	4
		31	Mgazi	683	987	4	Mixed	a			0	0	0	0	0	0	0	0	0	0		987	987	0	0			0	987	4	4	0	4	0	987	987	987	100	987	0	987	100	PW,	4	2	2	10	5
9	Itunduru	32	Itunduru	4,786	6,914	6	Mixed	a			0	0	0	0	0	0	0	0	0	0		6,914	6,914	0	0			0	6,914	28	6	0	6	0	1,500	1,500	1,500	22	1,500	5,414	6,914	100	PW,	4	2	2	10	5
		33	Kagongwa	3,133	4,526	3	Scattered	a			0	0	0	0	0	0	0	0	0	0		4,526	4,526	0	0			0	4,526	19	3	0	3	0	750	750	750	17	750	3,776	4,526	100	PW, RW	4	2	2	10	5
		34	Mwabalaturu	4,970	7,180	5	Concentrated	n			0	0	0	0	0	0	0	0	0	0		7,180	7,180	0	0			0	7,180	29	0	0	0	0	0	0	0	0	0	7,180	7,180	100	PW, RW	–	–	–	–	–
10	Kininginila	35	Iyogelo	3,733	5,393	7	Scattered	n			0	0	0	0	0	0	0	0	0	0		5,393	5,393	0	0			0	5,393	22	0	1	0	250	0	250	250	5	250	5,143	5,393	100	PW, RW	–	–	–	–	–
		36	Kininginila	4,665	6,739	10	Linear	n			0	0	0	0	0	0	0	0	0	0		6,739	6,739	0	0			0	6,739	27	0	0	0	0	0	0	0	0	0	6,739	6,739	100	PW, RW	–	–	–	–	–
		37	Mwanyagula	2,780	4,016	7	Scattered	n			0	0	0	0	0	0	0	0	0	0		4,016	4,016	0	0			0	4,016	17	0	0	0	0	0	0	0	0	0	4,016	4,016	100	PW, RW	–	–	–	–	–
11	Kinungu	38	Kinungu	2,954	4,268	6	Mixed	n			0	0	0	0	0	0	0	0	0	0		4,268	4,268	0	0			0	4,268	18	0	0	0	0	0	0	0	0	0	4,268	4,268	100	PW, RW	–	–	–	–	–
		39	Mwajilunga	1,318	1,904	6	Scattered	a			0	0	0	0	0	0	0	0	0	0		1,904	1,904	0	0			0	1,904	8	6	0	6	0	1,500	1,500	1,500	79	1,500	404	1,904	100	PW,	4	2	2	10	5
		40	Mwamagobo	2,068	2,988	4	Scattered	a			0	0	0	0	0	0	0	0	0	0		2,988	2,988	0	0			0	2,988	12	4	0	4	0	1,000	1,000	1,000	34	1,000	1,988	2,988	100	PW,	4	2	2	10	5
		41	Mwamapuli	3,036	4,386	5	Mixed	n			0	0	0	0	0	0	0	0	0	0		4,386	4,386	0	0			0	4,386	18	0	0	0	0	0	0	0	0	0	4,386	4,386	100	PW, RW	–	–	–	–	–
		42	Mwandihimiji	1,332	1,925	4	Scattered	a		WSDP	0	0	0	0	0	0	0	0	0	0																												
12	Mbutu	43	Bukama	3,577	5,168	9	Concentrated	n			0	0	0	0	0	0	0	0	0	0		5,168	5,168	0	0			0	5,168	21	0	0	0	0	0	0	0	0	0	5,168	5,168	100	PW, RW	–	–	–	–	–
		44	Ibutamisuzi	3,102	4,481	5	Scattered	n		IGUWASA	0	0	0	0	3,102	0	0	3,102	3,102	100																												
		45	Mbutu	4,191	6,055	10	Scattered	n		IGUWASA	0	0	0	0	4,191	0	0	4,191	4,191	100																												
		46	Mwabakima	2,746	3,967	5	Scattered	n		WSDP	0	0	0	0	0	0	0	0	0	0																												
13	Mwamashiga	47	Bulenya	3,394	4,903	11	Scattered	n			0	0	0	0	0	0	0	0	0	0		4,903	4,903	0	0			0	4,903	20	0	0	0	0	0	0	0	0	0	4,903	4,903	100	PW, RW	–	–	–	–	–
		48	Migongwa	3,768	5,443	10	Linear	n			0	0	0	0	2,763	0	0	2,763	2,763	73		5,443	2,680	0	2,680	R-1/4	BulenyaDam	2,680	0	0	0	0	0	0	0	0	2,680	100	5,443	0	5,443	100		–	–	–	–	–
		49	Mwamashiga	4,575	6,609	10	Clustered	a			0	0	0	0	0	0	0	0	0	0		6,609	6,609	0	0			0	6,609	27	10	0	10	0	2,500	2,500	2,500	38	2,500	4,109	6,609	100	PW, RW	4	2	2	10	5
14	Mwamashimba	50	Imalanguzu	2,371	3,425	4	Scattered	N			0	250	0	250	0	0	0	0	250	11		3,425	3,175	0	0			0	3,175	13	0	0	0	0	0	0	0	0	250	3,175	3,425	100	PW, RW	–	–	–	–	–
		51	Jogohya	2,993	4,324	6	Scattered	n			0	0	0	0	0	0	0	0	0	0		4,324	4,324	0	0			0	4,324	18	0	0	0	0	0	0	0	0	0	4,324	4,324	100	PW, RW	–	–	–	–	–
		52	Mwamakona	4,624	6,680	8	Clustered	n			0	0	0	0	0	0	0	0	0	0		6,680	6,680	0	0			0	6,680	27	0	0	0	0	0	0	0	0	0	6,680	6,680	100	PW, RW	–	–	–	–	–
		53	Mwamashimba	4,914	7,099	8	Clustered	n		WSDP	0	0	0	0	0	0	0	0	0	0																												
15	Mwashiku	54	Buchenjegele	3,856	5,571	10	Scattered	n			0	0	0	0	0	0	0	0	0	0		5,571	5,571	0	0			0	5,571	23	0	0	0	0	0	0	0	0	0	5,571	5,571	100	PW, RW	–	–	–	–	–
		55	Matinje	3,763	5,436	12	Mixed	n		WSDP	0	0	0	0	0	0	0	0	0	0																												
		56	Mondo	4,252	6,143	10	Mixed	n			0	0	0	0	0	0	0	0	0	0		6,143	6,143	0	0			0	6,143	25	0	0	0	0	0	0	0	0	0	6,143	6,143	100	PW, RW	–	–	–	–	–
		57	Mwashikumbili	4,880	7,050	10	Scattered	n			0	0	0	0	0	0	0	0	0	0		7,050	7,050	0	0			0	7,050	29	0	0	0	0	0	0	0	0	0	7,050	7,050	100	PW, RW	–	–	–	–	–
16	Mwisi	58	Busomeke	3,618	5,227	7	Scattered	A			0	250	0	250	0	0	0	0	250	7		5,227	4,977	0	0			0	4,977	20	6	1	7	250	1,750	2,000	2,000	40	2,250	2,977	5,227	100	PW,	4	4	3	15	1
		59	Isenegeja	2,753	3,977	9	Concentrated	A		WSDP	0	250	0	250	0	0	0	0	250	9																												
		60	Kalemala	2,429	3,509	5	Clustered	a			0	0	0	0	0	0	0	0	0	0		3,509	3,509	0	0			0	3,509	15	6	0	5	0	1,250	1,250	1,250	36	1,250	2,259	3,509	100	PW	4	4	2	14	2
		61	Mizanza	4,990	7,209	5	Scattered	A			0	0	0	0	0	0	0	0	0	0		7,209	7,209	0	0			0	7,209	29	6	0	5	0	1,250	1,250	1,250	17	1,250	5,959	7,209	100	PW	4	2	3	11	4
17	Nanga	62	Bulyang' ombe	3,723	5,378	6	Clustered	n			0	0	0	0	3,723	0	0	3,723	3,723	100		5,378	1,655	0	1,655	R-2/4	BulenyaDam	1,655	0	0	0	0	0	0	0	0	1,655	100	5,378	0	5,378	100		–	–	–	–	–
		63	Igogo	2,695	3,894	4	Linear	n			0	0	0	0	2,695	0	0	2,695	2,695	100		3,894	1,199	0	1,199	R-3/4	BulenyaDam	1,199	0	0	0	0	0	0	0	0	1,199	100	3,894	0	3,894	100		–	–	–	–	–
		64	Kaumbu	2,312	3,340	6	Clustered	n			0	0	0	0	0	0	0	0	0	0		3,340	3,340	0	0			0	3,340	14	0	0	0	0	0	0	0	0	0	3,340	3,340	100	PW, RW	–	–	–	–	–
		65	Nanga	2,985	4,312	7	Mixed	n			0	0	0	0	2,985	0	0	2,985	2,985	100		4,312	1,327	0	1,327	R-4/4	BulenyaDam	1,327	0	0	0	0	0	0	0	0	1,327	100	4,312	0	4,312	100		–	–	–	–	–
18	Ndembez	66	Kitangili	4,052	5,854	8	Mixed	n			0	0	0	0	0	0	0	0	0	0		5,854	5,854	0	0			0	5,854	24	0	0	0	0	0	0	0	0	0	5,854	5,854	100	PW, RW	–	–	–	–	–
		67	Moyofuke	3,709	5,358	7	Linear	n			0	0	0	0	0	0	0	0	0	0		5,358	5,358	0	0			0	5,358	22	0	1	0	250	0	250	250	5	250	5,108	5,358	100	PW, RW	–	–	–	–	–
		68	Ndembezi	5,676	8,200	9	Mixed	N			0	0	0	0	0	0	0	0	0	0		8,200	8,200	0	0			0	8,200	33	0	0	0	0	0	0	0	0	0	8,200	8,200	100	PW, RW	–	–	–	–	–
		69	Ntigu	1,447	2,091	5	Mixed	n			0	0	0	0	0	0	0	0	0	0		2,091	2,091	0	0			0	2,091	9	0	0	0	0	0	0	0	0	0	2,091	2,091	100	PW, RW	–	–	–	–	–
19	Ngulu	70	Imalilo	3,056	4,415	6	Scattered	n			0	0	0	0	0	0	0	0	0	0		4,415	4,415	0	0			0	4,415	18	0	0	0	0	0	0	0	0	0	4,415	4,415	100	PW, RW	–	–	–	–	–
		71	Mwansung'ho	2,599	3,755	3	Scattered	n			0	0	0	0	0	0	0	0	0	0		3,755	3,755	0	0			0	3,755	16	0	0	0	0	0	0	0	0	0	3,755	3,755	100	PW, RW	–	–	–	–	–
		72	Ngulu	2,342	3,384	4	Clustered	n			0	0	0	0	0	0	0	0	0	0		3,384	3,384	0	0			0	3,384	14	0	1	0	250	0	250	250	7	250	3,134	3,384	100	PW, RW	–	–	–	–	–

Note:

Water quality
- A : Water quality, satisfies the Guideline and Standard confirmed by the Study
- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.1 Rural Water Supply Plan and Evaluation of Village for Priority Project（Igunga District）(2/2)

Igunga District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve		Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Other	Total	Population served by existing and planned schemes	Coverage (%)	Increasing of service population	Rural Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation or Extension	Serial No.	Water source	Population Served	Level-1: Pop. to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total: Total pop. Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population to be served by other sources	Total Population Served	Total Coverage (%)	Aternative Water Sypply Scheme	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
20	Nguvmoja	73	Mwalala	2,610	3,771	7	Mixed	n			WSDP	0	0	0	0	0	0	0	0	0	0																											
		74	Mwanshoma	4,673	6,751	5	Scattered	a				0	0	0	0	0	0	0	0	0	0		6,751	6,751	0	0			0	6,751	28	5	0	5	0	1,250	1,250	1,250	19	1,250	5,501	6,751	100	PW, RW	4	2	2	10	5
		75	Nguvumoja	1,653	2,388	5	Mixed	A				0	250	0	250	0	0	0	0	250	15		2,388	2,138	0	0			0	2,138	9	6	0	5	0	1,250	1,250	1,250	59	1,500	888	2,388	100	PW,	3	2	3	10	5
21	Nkinga	76	Ikunguipina	910	1,315	4	Clustered	n				0	0	0	0	0	0	0	0	0	0		1,315	1,315	0	0			0	1,315	6	0	0	0	0	0	0	0	0	0	1,315	1,315	100	PW, RW	–	–	–	–	–
		77	Mwakabuta	1,994	2,881	5	Scattered	n				0	0	0	0	0	0	0	0	0	0		2,881	2,881	0	0			0	2,881	12	0	0	0	0	0	0	0	0	0	2,881	2,881	100	PW, RW	–	–	–	–	–
		78	Nkinga	7,620	11,008	10	Clustered	N				6,311	250	0	6,561	0	0	0	0	6,561	86		11,008	4,447	0	0			0	4,447	18	0	2	0	500	0	500	500	11	7,061	3,947	11,008	100	PW, RW	–	–	–	–	–
		79	Ugaka	1,370	1,980	5	Clustered	n				0	0	0	0	0	0	0	0	0	0		1,980	1,980	0	0			0	1,980	8	0	0	0	0	0	0	0	0	0	1,980	1,980	100	PW, RW	–	–	–	–	–
		80	Ulaya	3,043	4,396	9	Mixed	n				0	0	0	0	0	0	0	0	0	0		4,396	4,396	0	0			0	4,396	18	0	1	0	250	0	250	250	6	250	4,146	4,396	100	PW, RW	–	–	–	–	–
22	Ntobo	81	Mwabubele	3,742	5,406	5	Concentrated	n				0	0	0	0	0	0	0	0	0	0		5,406	5,406	0	0			0	5,406	22	0	0	0	0	0	0	0	0	0	5,406	5,406	100	PW, RW	–	–	–	–	–
		82	Mwamloli	3,307	4,778	4	Scattered	n				0	0	0	0	0	0	0	0	0	0		4,778	4,778	0	0			0	4,778	20	0	0	0	0	0	0	0	0	0	4,778	4,778	100	PW, RW	–	–	–	–	–
		83	Ntobo	4,665	6,739	5	Scattered	n				0	0	0	0	0	0	0	0	0	0		6,739	6,739	0	0			0	6,739	27	0	0	0	0	0	0	0	0	0	6,739	6,739	100	PW, RW	–	–	–	–	–
23	Nyandekwa	84	Itale	2,469	3,567	3	Mixed	N				0	250	0	250	0	0	0	0	250	10		3,567	3,317	0	0			0	3,317	14	0	0	0	0	0	0	0	0	250	3,317	3,567	100	PW,	–	–	–	–	–
		85	Nyandekwa	3,775	5,454	5	Concentrated	N				0	250	0	250	0	0	0	0	250	7		5,454	5,204	0	0			0	5,204	21	0	0	0	0	0	0	0	0	250	5,204	5,454	100	PW, RW	–	–	–	–	–
		86	Ussongo	2,678	3,869	4	Mixed	n				0	0	0	0	0	0	0	0	0	0		3,869	3,869	0	0			0	3,869	16	0	0	0	0	0	0	0	0	0	3,869	3,869	100	PW, RW	–	–	–	–	–
24	Simbo	87	Mpogolo	2,131	3,079	6	Scattered	a				0	0	0	0	0	0	0	0	0	0		3,079	3,079	0	0			0	3,079	13	6	0	6	0	1,500	1,500	1,500	49	1,500	1,579	3,079	100	PW	4	2	2	10	5
		88	Simbo	4,459	6,442	8	Linear	A				0	500	0	500	3,959	0	0	3,959	4,459	100	1,940	6,442	43	0	0			0	43	1	6	0	1	0	43	43	43	0	4,502	0	6,442	100		1	2	3	8	6
		89	Tambalalae	3,230	4,666	9	Scattered	A				0	250	0	250	0	0	0	0	250	8		4,666	4,416	0	0			0	4,416	18	6	1	8	250	2,000	2,250	2,250	51	2,500	2,166	4,666	100	PW, RW	4	2	3	11	4
25	Sungwizi	90	Mwamala	4,259	6,153	9	Linear	n			WSDP	0	0	0	0	0	0	0	0	0	0																											
		91	Mwawilu	5,269	7,612	4	Scattered	n				0	0	0	0	0	0	0	0	0	0		7,612	7,612	0	0			0	7,612	31	0	0	0	0	0	0	0	0	0	7,612	7,612	100	PW, RW	–	–	–	–	–
		92	Ncheli	2,942	4,250	6	Mixed	n				0	0	0	0	0	0	0	0	0	0		4,250	4,250	0	0			0	4,250	17	0	0	0	0	0	0	0	0	0	4,250	4,250	100	PW, RW	–	–	–	–	–
		93	Nguriti	2,916	4,213	7	Mixed	n				0	0	0	0	0	0	0	0	0	0		4,213	4,213	0	0			0	4,213	17	0	0	0	0	0	0	0	0	0	4,213	4,213	100	PW, RW	–	–	–	–	–
		94	Sungwizi	3,572	5,160	9	Mixed	N				0	0	0	0	0	0	0	0	0	0		5,160	5,160	0	0			0	5,160	21	0	0	0	0	0	0	0	0	0	5,160	5,160	100	PW, RW	–	–	–	–	–
26	Ziba	95	Bulumbela	3,017	4,359	10	Mixed	n			WSDP	0	0	0	0	0	0	0	0	0	0																											
		96	Iborogelo	7,904	11,418	13	Mixed	N				0	250	0	250	0	0	0	0	250	3		11,418	11,168	0	0			0	11,168	45	0	0	0	0	0	0	0	0	250	11,168	11,418	100	PW, RW	–	–	–	–	–
		97	Ziba	6,361	9,189	14	Mixed	N				2,226	750	0	2,976	0	0	0	0	2,976	47		9,189	6,213	0	0			0	6,213	25	0	2	0	500	0	500	500	8	3,476	5,713	9,189	100	PW, RW	–	–	–	–	–
Total				363,188	524,687	630						19,800	5,250	0	25,050	25,809	0	0	25,809	50,859	14	1,940	421,941	379,326	0	6,861			6,861	372,465	1,528	129	17	117	4,250	29,030	33,280	40,141	11	80,816	339,185	421,941							

Note:

Water quality
- A : Water quality, satisfies the Guideline and Standard confirmed by the Study
- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.2 Rural Water Supply Plan and Evaluation of Village for Priority Project（Nzega District）(1/2)

Nzega District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve		Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: Newscheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population ITo be served by other sources	Total Population Served	Total Coverage (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
1	Budushi	1	Budushi	2,418	3,173	7	Scattered	N				0	250	2,168	2,418	0	0	0	2,418	100.0	755	3,173	0	0	0			0	0	0	0	0	0	0	0	0	0	2,418	0	3,173	100	PW, RH	–	–	–	–	–
		2	Itima	3,887	5,101	5	Scattered	a				0	0	0	0	0	0	0	0	0.0		5,101	5,101	0	0			0	5,101	21	108	1	20	101	5,000	5,101	5,101	100	5,101	0	5,101	100		4	2	2	10	6
2	Bukene	3	Bukene	6,683	8,769	9	Concentrated	N				0	1,000	750	1,750	0	0	0	1,750	26.2		8,769	7,019	0	0			0	7,019	29	0	0	0	0	0	0	0	1,750	7,019	8,769	100	PW, RH	–	–	–	–	–
3	Igusule	4	Ilalo	3,485	4,573	8	Clustered	a				0	0	1,250	1,250	0	0	0	1,250	35.9		4,573	3,323	0	0			0	3,323	14	15	0	14	0	3,323	3,323	3,323	100	4,573	0	4,573	100		2	4	2	12	4
		5	Mwanzwilo	2,211	2,902	6	Scattered	a	A	Mwakalundi		0	0	1,250	1,250	0	0	0	1,250	56.5																											
		6	Sojo	4,695	6,161	7	Mixed	N				0	2,000	0	2,000	0	0	0	2,000	42.6		6,161	4,161	0	0			0	4,161	17	0	0	0	0	0	0	0	2,000	4,161	6,161	100	PW, RH	–	–	–	–	–
		7	Wela II	4,210	5,524	6	Scattered	n	A	Mwakalundi		0	250	0	250	0	0	0	250	5.9																											
4	Ijanija	8	Butandula	2,066	2,711	7	Scattered	N				0	250	0	250	0	0	0	250	12.1		2,711	2,461	0	0			0	2,461	10	0	0	0	0	0	0	0	250	2,461	2,711	100	PW, RH	–	–	–	–	–
		9	Idala	2,123	2,786	7	Mixed	a				0	0	0	0	0	0	0	0	0.0		2,786	2,786	0	0			0	2,786	12	13	0	12	0	2,786	2,786	2,786	100	2,786	0	2,786	100		4	4	2	14	2
		10	Ijanija	1,463	1,920	6	Mixed	a				0	0	0	0	0	0	0	0	0.0		1,920	1,920	0	0			0	1,920	8	88	6	2	1,420	500	1,920	1,920	100	1,920	0	1,920	100		4	2	2	10	6
		11	Makomelo	1,005	1,319	6	Mixed	A				0	250	0	250	0	0	0	250	24.9		1,319	1,069	0	0			0	1,069	5	16	0	5	0	1,069	1,069	1,069	100	1,319	0	1,319	100		3	4	3	14	2
		12	Uchama	1,745	2,290	10	Clustered	N				0	0	0	0	0	0	0	0	0.0		2,290	2,290	0	0			0	2,290	10	0	0	0	0	0	0	0	0	2,290	2,290	100	PW, RH	–	–	–	–	–
5	Ikindwa	13	Ikindwa	1,449	1,902	7	Mixed	A			WSDP	0	750	699	1,449	0	0	0	1,449	100.0	2,051																											
		14	Kayombo	3,444	4,519	10	Concentrated	A				0	2,000	0	2,000	0	250	250	2,250	65.3		4,519	2,269	0	0			0	2,269	10	9	5	4	1,250	1,000	2,250	2,250	99	4,500	19	4,519	100	PW	1	2	3	8	8
		15	Malolo	3,982	5,225	9	Mixed	A				0	1,000	250	1,250	0	0	0	1,250	31.4		5,225	3,975	0	0			0	3,975	16	52	4	12	975	3,000	3,975	3,975	100	5,225	0	5,225	100		2	2	3	9	7
6	Isagenhe	16	Buhulyu	2,607	3,421	4	Mixed	a				0	0	0	0	0	0	0	0	0.0		3,421	3,421	0	0			0	3,421	14	36	1	13	171	3,250	3,421	3,421	100	3,421	0	3,421	100		4	2	2	10	6
		17	Isagenhe	1,855	2,434	5	Concentrated	a	A	Igombe River		0	0	0	0	0	250	250	250	13.5																											
		18	Kidete	5,875	7,709	7	Linear	A				0	500	0	500	0	0	0	500	8.5		7,709	7,209	0	0			0	7,209	29	24	0	24	0	6,000	6,000	6,000	83	6,500	1,209	7,709	100	PW	4	2	3	11	5
		19	Zugimlole	4,096	5,375	5	Scattered	a				0	0	0	0	0	0	0	0	0.0		5,375	5,375	0	0			0	5,375	22	24	2	20	375	5,000	5,375	5,375	100	5,375	0	5,375	100		4	3	2	12	4
7	Isanzu	20	Ipumbuli	2,122	2,785	7	Mixed	a				0	0	0	0	0	0	0	0	0.0		2,785	2,785	0	0			0	2,785	12	20	1	11	35	2,750	2,785	2,785	100	2,785	0	2,785	100		4	2	2	10	6
		21	Isanzu	3,742	4,910	7	Concentrated	A				0	750	0	750	0	0	0	750	20.0		4,910	4,160	0	0			0	4,160	17	13	0	13	0	3,250	3,250	3,250	78	4,000	910	4,910	100	PW	3	2	3	10	6
		22	Kilino "A"	1,465	1,923	8	Mixed	a				0	0	0	0	0	0	0	0	0.0		1,923	1,923	0	0			0	1,923	8	12	1	7	173	1,750	1,923	1,923	100	1,923	0	1,923	100		4	2	2	10	6
		23	Mhembe	1,872	2,457	8	Mixed	a				0	0	0	0	0	250	250	250	13.4		2,457	2,207	0	0			0	2,207	9	11	0	9	0	2,207	2,207	2,207	100	2,457	0	2,457	100		3	2	2	9	7
		24	Shila	1,870	2,454	3	Mixed	a				0	250	0	250	0	0	0	250	13.4		2,454	2,204	0	0			0	2,204	9	15	0	9	0	2,204	2,204	2,204	100	2,454	0	2,454	100		3	2	2	9	7
		25	Upambo	1,045	1,372	3	Scattered	a				0	0	0	0	0	0	0	0	0.0		1,372	1,372	0	0			0	1,372	6	32	0	6	0	1,372	1,372	1,372	100	1,372	0	1,372	100		4	2	2	10	6
8	Itobo	26	Chamwabo	4,152	5,448	10	Mixed	N				0	3,750	0	3,750	0	0	0	3,750	90.3		5,448	1,698	0	0			0	1,698	7	0	0	0	0	0	0	0	0	3,750	1,698	5,448	100	PW, RH	–	–	–	–	–
		27	Itobo	3,443	4,518	9	Mixed	A			WSDP	0	1,000	0	1,000	0	0	0	1,000	29.0																											
		28	Lakuyi	2,976	3,905	8	Scattered	a				0	0	0	0	0	0	0	0	0.0		3,905	3,905	0	0			0	3,905	16	17	2	14	405	3,500	3,905	3,905	100	3,905	0	3,905	100		4	2	2	10	6
9	Itilo	29	Itilo	3,551	4,660	12	Scattered	a				0	0	0	0	0	0	0	0	0.0		4,660	4,660	0	0			0	4,660	19	18	2	16	500	4,000	4,500	4,500	97	4,500	160	4,660	100	PW, RH	4	2	2	10	6
		30	Iyombo	2,708	3,554	12	Clustered	a				0	0	0	0	0	0	0	0	0.0		3,554	3,554	0	0			0	3,554	15	22	1	14	54	3,500	3,554	3,554	100	3,554	0	3,554	100		4	3	2	12	4
		31	Silimuka	921	1,209	11	Mixed	A				0	250	250	500	0	250	250	750	81.4		1,209	459	0	0			0	459	2	16	2	0	459	0	459	459	100	1,209	0	1,209	100		1	4	3	12	4
10	Kahama	32	Iditima	1,075	1,411	4	Scattered	A				0	250	0	250	0	0	0	250	23.3		1,411	1,161	0	0			0	1,161	5	22	4	1	911	250	1,161	1,161	100	1,411	0	1,411	100		3	2	3	10	6
		33	Kahama	1,976	2,593	7	Mixed	A				0	250	0	250	0	250	250	500	25.3		2,593	2,093	0	0			0	2,093	9	33	4	5	843	1,250	2,093	2,093	100	2,593	0	2,593	100		3	2	3	10	6
		34	Kilino	4,359	5,720	4	Scattered	a				0	250	250	500	0	0	0	500	11.5		5,720	5,220	0	0			0	5,220	21	26	3	18	720	4,500	5,220	5,220	100	5,720	0	5,720	100		3	2	2	9	7
		35	Nhabala	4,505	5,911	7	Scattered	A				0	500	0	500	0	500	500	1,000	22.2		5,911	4,911	0	0			0	4,911	20	57	2	18	411	4,500	4,911	4,911	100	5,911	0	5,911	100		3	2	3	10	6
11	Karitu	36	Bulunde	1,909	2,505	8	Mixed	A				0	500	0	500	0	250	250	750	39.3		2,505	1,755	0	0			0	1,755	8	20	5	3	1,005	750	1,755	1,755	100	2,505	0	2,505	100		2	2	3	9	7
		37	Gulumbai	5,303	6,958	4	Scattered	a				0	250	0	250	0	250	250	500	9.4		6,958	6,458	0	0			0	6,458	26	9	1	8	250	2,000	2,250	2,250	35	2,750	4,208	6,958	100	PW	3	2	2	9	7
		38	Idubula	1,855	2,434	9	Scattered	a				0	1,250	0	1,250	0	0	0	1,250	67.4		2,434	1,184	0	0			0	1,184	5	13	4	1	934	250	1,184	1,184	100	2,434	0	2,434	100		1	2	2	7	9
		39	Itunda	2,745	3,602	5	Linear	A				0	2,408	0	2,408	0	0	0	2,408	87.7	342	3,602	852	0	0			0	852	4	8	1	3	102	750	852	852	100	3,260	0	3,602	100		1	2	3	8	8
12	Kasela	40	Kasela	2,344	3,076	6	Linear	A				0	1,250	750	2,000	0	0	0	2,000	85.3		3,076	1,076	0	0			0	1,076	5	8	5	0	1,076	0	1,076	1,076	100	3,076	0	3,076	100		1	2	3	8	8
		41	Lububu	1,002	1,315	3	Concentrated	A				0	500	502	1,002	0	0	0	1,002	100.0	313	1,315	0	0	0			0	0	0	11	0	0	0	0	0	0	0	1,002	0	1,315	100		1	2	3	8	8
		42	Nindo	2,723	3,573	5	Concentrated	A				0	250	0	250	0	0	0	250	9.2		3,573	3,323	0	0			0	3,323	14	11	1	10	250	2,500	2,750	2,750	83	3,000	573	3,573	100		3	3	3	12	4
		43	Senge	845	1,109	2	Concentrated	A				0	250	0	250	0	0	0	250	29.6		1,109	859	0	0			0	859	4	14	0	4	0	859	859	859	100	1,109	0	1,109	100		3	2	3	10	5
		44	Udutu	2,260	2,966	7	Mixed	A				0	2,260	0	2,260	0	0	0	2,260	100.0	706	2,966	0	0	0			0	0	0	11	0	0	0	0	0	0	0	2,260	0	2,966	100		1	2	3	8	8
13	Lusu	45	Bujulu	2,877	3,775	4	Clustered	A				0	1,000	0	1,000	0	0	0	1,000	34.8		3,775	2,775	0	0			0	2,775	12	0	0	0	0	0	0	0	0	1,000	2,775	3,775	100	PW, RH	–	–	–	–	–
		46	Ifumba	3,226	4,233	5	Scattered	A				0	750	0	750	0	0	0	750	23.2		4,233	3,483	0	0			0	3,483	14	31	2	12	483	3,000	3,483	3,483	100	4,233	0	4,233	100		3	4	3	14	2
		47	Isanga	9,084	11,919	4	Linear	A				0	250	0	250	0	0	0	250	2.8		11,919	11,669	3,000	0	NZN−1	GW	3,000	8,669	35	23	1	22	250	5,500	5,750	8,750	75	9,000	2,919	11,919	100		4	4	3	15	1
		48	Mwakabasa	2,241	2,941	3	Scattered	a				0	250	0	250	0	0	0	250	11.2		2,941	2,691	0	0			0	2,691	11	21	0	11	0	2,691	2,691	2,691	100	2,941	0	2,941	100		3	2	2	9	7
		49	Mwaluzwilo	2,754	3,614	4	Mixed	a				0	1,250	0	1,250	0	0	0	1,250	45.4		3,614	2,364	2,364	0	NZN−2	GW	2,364	0	0	15	0	0	0	0	0	2,364	100	3,614	0	3,614	100		2	4	2	12	4
		50	Mwasala	7,055	9,257	6	Scattered	N				0	500	0	500	0	0	0	500	7.1		9,257	8,757	0	0			0	8,757	36	0	0	0	0	0	0	0	0	500	8,757	9,257	100	PW	4	2	0	8	8
14	Magenga	51	Ilelamhina	2,277	2,988	7	Scattered	A				0	250	0	250	0	0	0	250	11.0		2,988	2,738	0	0			0	2,738	11	17	0	11	0	2,738	2,738	2,738	100	2,988	0	2,988	100		3	2	3	10	6
		52	Inagana	2,200	2,887	8	Linear	A				0	250	0	250	0	0	0	250	11.4		2,887	2,637	0	0			0	2,637	11	21	3	8	637	2,000	2,637	2,637	100	2,887	0	2,887	100		3	2	3	10	6
		53	Kaloleni	2,485	3,261	7	Scattered	A				0	250	0	250	0	0	0	250	10.1		3,261	3,011	0	0			0	3,011	13	14	0	13	0	3,011	3,011	3,011	100	3,261	0	3,261	100		3	2	3	10	6
		54	Magengati	1,393	1,828	5	Concentrated	A				0	250	0	250	0	0	0	250	17.9		1,828	1,578	0	0			0	1,578	7	13	1	6	78	1,500	1,578	1,578	100	1,828	0	1,828	100		3	2	3	10	6
		55	Usagali	1,702	2,234	4	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,234	2,234	0	0			0	2,234	9	17	1	8	234	2,000	2,234	2,234	100	2,234	0	2,234	100		4	2	2	10	6
15	Mambali	56	Gulyambi	2,713	3,560	5	Scattered	A				0	250	0	250	0	0	0	250	9.2		3,560	3,310	0	0			0	3,310	14	48	1	13	60	3,250	3,310	3,310	100	3,560	0	3,560	100		3	2	3	10	6
		57	Kikonoka	1,989	2,610	7	Mixed	A				0	1,989	0	1,989	0	0	0	1,989	100.0	11	2,610	610	0	0			0	610	3	86	1	2	110	500	610	610	100	2,599	0	2,610	100		1	4	3	12	4
		58	Mambali	3,507	4,602	9	Mixed	A	P	Igombe River		0	2,000	1,507	3,507	0	0	0	3,507	100.0	1,095	4,602	0	0	0			0	0	0	43	0	0	0	0	0	0	0	3,507	0	4,602	100		1	4	3	12	4
		59	Mbutu	7,270	9,539	11	Mixed	A				0	2,250	0	2,250	0	0	0	2,250	30.9		9,539	7,289	0	0			0	7,289	30	49	2	28	289	7,000	7,289	7,289	100	9,539	0	9,539	100		2	3	3	11	3
		60	Mwamalimu	1,961	2,574	3	Scattered	A				0	250	0	250	0	0	0	250	12.7		2,574	2,324	0	0			0	2,324	10	53	0	10	0	2,324	2,324	2,324	100	2,574	0	2,574	100		3	3	3	12	4
		61	Mwino	4,479	5,877	3	Scattered	A				0	750	0	750	0	0	0	750	16.7		5,877	5,127	0	0			0	5,127	21	37	0	21	0	5,127	5,127	5,127	100	5,877	0	5,877	100		3	3	3	12	4
		62	Nkindu	6,005	7,880	4	Linear	A				0	1,000	0	1,000	0	0	0	1,000	16.7		7,880	6,880	3,000	0	NZN−3	GW	3,000	3,880	16	23	0	16	0	3,880	3,880	6,880	100	7,880	0	7,880	100		3	3	3	12	4
		63	Shilago	2,677	3,513	4	Mixed	A				0	1,250	0	1,250	0	0	0	1,250	46.7		3,513	2,263	0	0			0	2,263	10	37	0	10	0	2,263	2,263	2,263	100	3,513	0	3,513	100		2	2	3	9	7
16	Mbogwe	64	Mbogwe	3,361	4,410	10	Clustered	N				0	1,000	0	1,000	0	0	0	1,000	29.8		4,410	3,410	0	0			0	3,410	14	0	0	0	0	0	0	0	0	1,000	3,410	4,410	100	PW, RH	–	–	–	–	–
		65	Nhobola	2,295	3,012	6	Clustered	N				0	250	0	250	0	250	250	500	21.8		3,012	2,512	0	0			0	2,512	11	0	0	0	0	0	0	0	0	500	2,512	3,012	100	PW, RH	–	–	–	–	–
17	Miguwa	66	Idudumo	1,478	1,940	5	Scattered	a				0	250	0	250	0	0	0	250	16.9		1,940	1,690	0	0			0	1,690	7	39	0	7	0	1,690	1,690	1,690	100	1,940	0	1,940	100		3	2	2	9	7
		67	Iduguta	5,943	7,798	7	Scattered	N				0	250	0	250	0	750	750	1,000	16.8		7,798	6,798	0	0			0	6,798	28	0	0	0	0	0	0	0	0	1,000	6,798	7,798	100	PW	3	2	0	7	9
		68	Kitangili	2,664	3,496	7	Mixed	A				0	0	0	0	0	0	0	0	0.0		3,496	3,496	0	0			0	3,496	14	17	13	1	3,246	250	3,496	3,496	100	3,496	0	3,496	100		4	4	3	15	1
		69	Kitengwe	1,762	2,312	6	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,312	2,312	0	0			0	2,312	10	15	1	9	62	2,250	2,312	2,312	100	2,312	0	2,312	100		4	2	2	10	6
		70	Miguwa	3,436	4,509	13	Mixed	N				0	750	0	750	0	1500	1500	2,250	65.5		4,509	2,259	0	0			0	2,259	10	0	0	0	0	0	0	0	0	2,250	2,259	4,509	100	PW, RH	–	–	–	–	–
		71	Mwanzoli	2,144	2,814	8	Mixed	a				0	0	0	0	0	500	500	500	23.3		2,814	2,314	0	0			0	2,314	10	26	1	9	64	2,250	2,314	2,314	100	2,814	0	2,814	100		3	2	2	9	7
18	Milambo	72	Kakulungu	2,263	2,970	6	Scattered	a	A	Puge South		0	0	0	0	0	0	0	0	0.0																											
		73	Magukula	4,796	6,293	5	Mixed	a	A	Puge South		0	0	0	0	0	0	0	0	0.0																											
		74	Malole	2,023	2,655	3	Concentrated	a				0	0	0	0	0	0	0	0	0.0		2,655	2,655	0	0			0	2,655	11	23	1	10	155	2,500	2,655	2,655	100	2,655	0	2,655	100		4	2	2	10	6
		75	Milamboitobo	3,953	5,187	4	Linear	a	A	Puge South		0	0	0	0	0	0	0	0	0.0																											
19	Mizibazib	76	Ibushi	7,230	9,487	9	Mixed	a				0	250	0	250	0	0	0	250	3.5		9,487	9,237	0	0			0	9,237	37	30	0	30	0	7,500	7,500	7,500	81	7,750	1,737	9,487	100		4	2	2	10	6
		77	Kipungulu	1,758	2,307	5	Mixed	A				0	250	0	250	0	0	0	250	14.2		2,307	2,057	0	0			0	2,057	9	38	0	9	0	2,057	2,057	2,057	100	2,307	0	2,307	100		3	2	3	10	6
		78	Luzuko	2,059	2,702	4	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,702	2,702	0	0			0	2,702	11	51	1	10	202	2,500	2,702	2,702	100	2,702	0	2,702	100		4	2	2	10	6
		79	Mizibaziba	16,105	21,132	5	Mixed	a				0	0	0	0	0	0	0	0	0.0		21,132	21,132	0	0			0	21,132	85	30	1	29	250	7,250	7,500	7,500	36	7,500	13,632	21,132	100	PW	4	2	2	10	6

Note:

Water quality
- A : Water quality, satisfies the Guideline and Standard confirmed by the Study
- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.2 Rural Water Supply Plan and Evaluation of Village for Priority Project（Nzega District）(2/2)

Nzega District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve		Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Otters	Total	Population served by planned project: Level-2	Level-1	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: Newscheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population TO be served by other sources	Total Population Served	Total Coverage (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
20	Mogwa	80	Kagando	1,645	2,159	5	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,159	2,159	0	0			0	2,159	9	42	0	9	0	2,159	2,159	2,159	100	2,159	0	2,159	100		4	2	2	10	6
		81	Luhumbo	2,768	3,632	5	Scattered	a				0	0	0	0	0	0	0	0	0.0		3,632	3,632	0	0			0	3,632	15	27	2	13	382	3,250	3,632	3,632	100	3,632	0	3,632	100		4	2	2	10	6
		82	Mogwa	5,217	6,846	5	Linear	A	A	Igombe River		0	250	0	250	0	250	250	500	9.6																											
		83	Usalala	3,100	4,068	8	Linear	N	P	Igombe River		0	750	0	750	0	0	0	750	24.2		4,068	3,318	0	0			0	3,318	14	0	0	0	0	0	0	0	0	750	3,318	4,068	100	PW, RH	–	–	–	–	–
21	Muhugi	84	Nhumbili	3,872	5,081	10	Scattered	A				0	500	0	500	0	0	0	500	12.9		5,081	4,581	0	0			0	4,581	19	36	0	19	0	4,581	4,581	4,581	100	5,081	0	5,081	100		3	2	3	10	6
		85	Ubinga	1,203	1,579	10	Scattered	A				0	250	0	250	0	0	0	250	20.8		1,579	1,329	0	0			0	1,329	6	56	2	4	329	1,000	1,329	1,329	100	1,579	0	1,579	100		3	2	3	10	6
		86	Upina	870	1,142	4	Scattered	n				0	0	0	0	0	0	0	0	0.0		1,142	1,142	0	0			0	1,142	5	0	0	0	0	0	0	0	0	0	1,142	1,142	100	PW, RH	–	–	–	–	–
22	Mwakash	87	Ibelafinga	5,556	7,290	4	Scattered	A				0	250	0	250	0	0	0	250	4.5		7,290	7,040	0	0			0	7,040	29	47	2	27	290	6,750	7,040	7,040	100	7,290	0	7,290	100		4	2	3	11	5
		88	Kigandu	6,276	8,235	6	Scattered	A				0	1,000	0	1,000	0	0	0	1,000	15.9		8,235	7,235	0	0			0	7,235	29	31	1	28	235	7,000	7,235	7,235	100	8,235	0	8,235	100		3	2	3	10	6
		89	Mwakashanhala	3,384	4,441	10	Scattered	A	A	Puge South		0	3,250	0	3,250	0	0	0	3,250	96.0																											
		90	Mwanhembo	3,392	4,451	4	Scattered	a				0	0	0	0	0	0	0	0	0.0		4,451	4,451	0	0			0	4,451	18	30	2	16	451	4,000	4,451	4,451	100	4,451	0	4,451	100		4	2	2	10	6
		91	Ugembe II	16,105	21,132	9	Clustered	A	A	Puge south		0	1,250	0	1,250	0	0	0	1,250	7.8																											
23	Mwamala	92	Buhondo	2,625	3,445	7	Concentrated	A			WSDP	0	750	1,875	2,625	0	0	0	2,625	100.0	38																									
		93	Chaming' Hwa	1,009	1,324	6	Mixed	A				0	250	0	250	0	500	500	750	74.3		1,324	574	0	0			0	574	3	12	3	0	574	0	574	574	100	1,324	0	1,324	100		1	2	3	8	8
		94	Kishili	2,114	2,774	6	Concentrated	A				0	500	0	500	0	0	0	500	23.7		2,774	2,274	0	0			0	2,274	10	10	4	6	774	1,500	2,274	2,274	100	2,774	0	2,774	100		3	2	3	10	6
		95	Mahene	2,232	2,929	6	Clustered	A	A	Mwakalundi	WSDP	0	250	0	250	0	0	0	250	11.2																											
		96	Mwamala	3,788	4,971	11	Linear	A				0	250	0	250	0	0	0	250	6.6		4,971	4,721	0	0			0	4,721	19	16	2	14	500	3,500	4,000	4,000	85	4,250	721	4,971	100		4	2	3	11	5
		97	Nawa	1,100	1,444	2	Scattered	a			WSDP	0	0	0	0	0	0	0	0	0.0																											
24	Mwango	98	Chamipulu	1,261	1,655	6	Clustered	A				0	250	250	500	0	0	0	500	39.7		1,655	1,155	0	0			0	1,155	5	6	0	5	0	1,155	1,155	1,155	100	1,655	0	1,655	100	PW	2	3	3	11	5
		99	Igalula	1,130	1,483	7	Concentrated	a				0	250	0	250	0	0	0	250	22.1		1,483	1,233	0	0			0	1,233	5	21	0	5	0	1,233	1,233	1,233	100	1,483	0	1,483	100		3	3	2	11	5
		100	Ilagaja	2,609	3,424	10	Mixed	a				0	0	0	0	0	0	0	0	0.0		3,424	3,424	0	0			0	3,424	14	20	3	11	674	2,750	3,424	3,424	100	3,424	0	3,424	100		4	3	2	12	4
		101	Kaselya	1,753	2,301	6	Clustered	A				0	500	0	500	0	0	0	500	28.5		2,301	1,801	0	0			0	1,801	8	8	1	7	51	1,750	1,801	1,801	100	2,301	0	2,301	100		3	3	3	12	4
		102	Mwaguguli	1,191	1,563	5	Mixed	A				0	250	0	250	0	0	0	250	21.0		1,563	1,313	0	0			0	1,313	6	14	1	5	63	1,250	1,313	1,313	100	1,563	0	1,563	100		3	3	3	12	4
		103	Mwamikola	1,749	2,295	7	Mixed	a				0	0	0	0	0	0	0	0	0.0		2,295	2,295	0	0			0	2,295	10	12	2	8	295	2,000	2,295	2,295	100	2,295	0	2,295	100		4	3	2	12	4
		104	Sagida	2,814	3,693	10	Concentrated	A				0	1,000	0	1,000	0	0	0	1,000	35.5		3,693	2,693	0	0			0	2,693	11	13	1	10	193	2,500	2,693	2,693	100	3,693	0	3,693	100		2	2	3	9	7
25	Nata	105	Kabale	2,811	3,689	6	Clustered	A				0	1,500	0	1,500	0	500	500	2,000	71.1		3,689	1,689	0	0			0	1,689	7	9	1	6	189	1,500	1,689	1,689	100	3,689	0	3,689	100		1	4	3	12	4
		106	Kanolo	2,293	3,009	6	Clustered	A				0	1,000	0	1,000	0	0	0	1,000	43.6		3,009	2,009	0	0			0	2,009	9	21	0	9	0	2,009	2,009	2,009	100	3,009	0	3,009	100	PW, RH	–	–	–	–	–
		107	Kilabili	3,329	4,368	7	Clustered	a				0	0	0	0	0	0	0	0	0.0		4,368	4,368	0	0			0	4,368	18	7	1	6	250	1,500	1,750	1,750	40	1,750	2,618	4,368	100	PW, RH	2	2	2	8	8
		108	-	4,770	6,259	6	Clustered	a				0	0	0	0	0	0	0	0	0.0		6,259	6,259	0	0			0	6,259	26	4	1	3	250	750	1,000	1,000	16	1,000	5,259	6,259	100	PW, RH	3	2	2	9	7
		109	Nata	6,553	8,599	6	Concentrated	a			WSDP	0	250	0	250	0	0	0	250	3.8																											
26	Ndala	110	Kampala	2,717	3,565	6	Mixed	a				0	0	1,750	1,750	0	0	0	1,750	64.4		3,565	1,815	0	0			0	1,815	8	19	1	7	65	1,750	1,815	1,815	100	3,565	0	3,565	100		4	2	2		
		111	Mabisilo	2,547	3,342	5	Mixed	a				0	0	500	500	0	0	0	500	19.6		3,342	2,842	2,842	0	NZN~4	GW	2,842	0	0	31	0	0	0	0	0	2,842	100	3,342	0	3,342	100		3	4	2	13	3
		112	Uhemeli	6,590	8,647	8	Mixed	A			WSDP	0	250	5,000	5,250	0	0	0	5,250	79.7																											
		113	Wita	3,122	4,097	5	Scattered	a				0	0	0	0	0	250	250	250	8.0		4,097	3,847	0	0			0	3,847	16	22	2	14	347	3,500	3,847	3,847	100	4,097	0	4,097	100		4	2	2	10	6
27	Nkiniziw	114	Mbagwa	5,304	6,960	7	Scattered	a				0	0	0	0	0	0	0	0	0.0		6,960	6,960	0	0			0	6,960	28	44	0	28	0	6,960	6,960	6,960	100	6,960	0	6,960	100		4	2	2	10	6
		115	Ngukumo	5,609	7,360	9	Clustered	a				0	0	0	0	0	0	0	0	0.0		7,360	7,360	0	0			0	7,360	30	19	0	19	0	4,750	4,750	4,750	65	4,750	2,610	7,360	100	PW, RH	4	2	2	10	6
		116	Nkiniziwa	4,421	5,801	9	Clustered	A	A	Puge North	WSDP	0	500	0	500	0	0	0	500	11.3																											
		117	Nkuge	1,824	2,394	8	Scattered	a	A	Puge North		0	0	0	0	0	0	0	0	0.0																											
28	Nzega	118	Undomo	3,192	4,189	12	Scattered	A				0	250	0	250	0	0	0	250	7.8		4,189	3,939	0	0			0	3,939	16	22	0	16	0	3,939	3,939	3,939	100	4,189	0	4,189	100		4	2	3	11	5
		119	Zogolo	4,164	5,464	17	Clustered	N				0	0	0	0	0	0	0	0	0.0		5,464	5,464	0	0			0	5,464	22	27	1	21	214	5,250	5,464	5,464	100	5,464	0	5,464	100	PW, RH	—	—	—	—	—
29	Puge	120	Busondo	4,589	6,022	7	Scattered	A				0	750	2,250	3,000	0	0	0	3,000	65.4		6,022	3,022	0	0			0	3,022	13	34	5	8	1,022	2,000	3,022	3,022	100	6,022	0	6,022	100		1	2	3	8	8
		121	Isuhna	1,766	2,318	4	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,318	2,318	0	0			0	2,318	10	24	5	5	1,068	1,250	2,318	2,318	100	2,318	0	2,318	100		4	2	2	10	8
		122	Upungu	4,149	5,444	5	Concentrated	A			WSDP	0	500	2,010	2,510	0	0	0	2,510	60.5	4,240																										
30	Sememb	123	Kasanga	2,510	3,294	7	Concentrated	a				0	0	0	0	0	0	0	0	0.0		3,294	3,294	0	0			0	3,294	14	45	1	13	44	3,250	3,294	3,294	100	3,294	0	3,294	100		4	2	2	10	6
		124	Mbooga	5,436	7,133	5	Scattered	a				0	0	0	0	0	0	0	0	0.0		7,133	7,133	0	0			0	7,133	29	21	1	20	250	5,000	5,250	5,250	74	5,250	1,883	7,133	100		4	2	2	10	6
		125	Nsumba	1,264	1,659	4	Scattered	a				0	0	0	0	0	0	0	0	0.0		1,659	1,659	0	0			0	1,659	7	38	1	6	159	1,500	1,659	1,659	100	1,659	0	1,659	100		4	2	2	10	6
		126	Semembela	2,966	3,892	10	Linear	a	A	Igombe River		0	0	2,250	2,250	0	0	0	2,250	75.9																											
		127	Uguluma	2,213	2,904	5	Clustered	a				0	0	0	0	0	0	0	0	0.0		2,904	2,904	0	0			0	2,904	12	28	2	10	404	2,500	2,904	2,904	100	2,904	0	2,904	100		4	2	2	10	6
31	Shigamb	128	Kagongwa	2,055	2,697	7	Mixed	A				0	250	0	250	0	0	0	250	12.2		2,697	2,447	0	0			0	2,447	10	12	0	10	0	2,447	2,447	2,447	100	2,697	0	2,697	100		3	2	3	10	6
		129	Shigamba	1,405	1,844	12	Scattered	a				0	0	0	0	0	0	0	0	0.0		1,844	1,844	0	0			0	1,844	8	19	1	7	94	1,750	1,844	1,844	100	1,844	0	1,844	100		4	2	2	10	6
32	Sigili	130	Bulambuka	1,303	1,710	3	Mixed	a				0	0	750	750	0	0	0	750	57.6		1,710	960	0	0			0	960	4	8	1	3	210	750	960	960	100	1,710	0	1,710	100		1	2	2	7	9
		131	Iboja	1,628	2,137	5	Mixed	a				0	0	1,628	1,628	0	0	0	1,628	100.0	509	2,137	0	0	0			0	0	0	10	0	0	0	0	0	0	0	1,628	0	2,137	100		1	3	2	9	7
		132	Lyamalagwa	1,434	1,882	4	Linear	a				0	0	0	0	0	0	0	0	0.0		1,882	1,882	0	0			0	1,882	8	19	1	7	132	1,750	1,882	1,882	100	1,882	0	1,882	100		4	2	2	10	6
		133	Sigili	4,285	5,623	11	Mixed	a			WSDP	0	0	1,000	1,000	0	0	0	1,000	23.3																											
33	Tongi	134	Chabutwa	1,810	2,375	4	Linear	a				0	0	0	0	0	0	0	0	0.0		2,375	2,375	0	0			0	2,375	10	24	1	9	125	2,250	2,375	2,375	100	2,375	0	2,375	100		4	2	2	10	6
		135	Mangashini	2,035	2,671	5	Scattered	A				0	250	0	250	0	500	500	750	36.9		2,671	1,921	0	0			0	1,921	8	42	1	7	171	1,750	1,921	1,921	100	2,671	0	2,671	100		2	2	3	9	7
		136	Ndekeli	4,514	5,923	8	Linear	A				0	500	0	500	0	0	0	500	11.1		5,923	5,423	0	0			0	5,423	22	29	1	21	173	5,250	5,423	5,423	100	5,923	0	5,923	100		3	2	3	10	6
		137	Nkingamalucha	1,952	2,562	4	Clustered	a				0	0	0	0	0	0	0	0	0.0		2,562	2,562	0	0			0	2,562	11	36	1	10	62	2,500	2,562	2,562	100	2,562	0	2,562	100		4	2	2	10	6
		138	Tumbi	2,805	3,681	5	Mixed	A				0	250	0	250	0	0	0	250	8.9		3,681	3,431	0	0			0	3,431	14	25	2	12	431	3,000	3,431	3,431	100	3,681	0	3,681	100		4	2	3	11	5
34	Uduka	139	Kabanga	1,836	2,409	5	Concentrated	A				0	750	836	1,586	0	250	250	1,836	100.0	573	2,409	0	0	0			0	0	0	16	0	0	0	0	0	0	0	1,836	0	2,409	100		1	2	3	8	8
		140	Uduka	1,852	2,430	3	Clustered	A				0	750	284	1,034	0	750	750	1,784	96.3	646	2,430	0	0	0			0	0	0	9	0	0	0	0	0	0	0	1,784	0	2,430	100		1	3	3	10	6
		141	Usongwanhala	976	1,281	3	Mixed	a				0	750	173	923	0	0	0	923	94.6	358	1,281	0	0	0			0	0	0	11	0	0	0	0	0	0	0	923	0	1,281	100		1	3	2	9	7
35	Utwigu	142	Isalalo	2,411	3,164	6	Scattered	a				0	0	0	0	0	0	0	0	0.0		3,164	3,164	0	0			0	3,164	13	17	2	11	414	2,750	3,164	3,164	100	3,164	0	3,164	100		4	2	2	10	6
		143	Ishiki	1,697	2,227	3	Scattered	a	A	Mwakalundi		0	0	0	0	0	0	0	0	0.0																											
		144	Kipilimuka	3,336	4,378	8	Scattered	a				0	0	0	0	0	0	0	0	0.0		4,378	4,378	0	0			0	4,378	18	46	3	15	628	3,750	4,378	4,378	100	4,378	0	4,378	100		4	2	2	10	6
		145	Mwambaha	3,166	4,155	6	Linear	a	A	Mwakalundi		0	0	0	0	0	0	0	0	0.0																											
		146	Mwanhala	2,859	3,752	5	Concentrated	a				0	0	0	0	0	0	0	0	0.0		3,752	3,752	0	0			0	3,752	16	23	0	16	0	3,752	3,752	3,752	100	3,752	0	3,752	100		4	2	2	10	6
		147	Mwantundu	1,910	2,507	4	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,507	2,507	0	0			0	2,507	11	44	1	10	7	2,500	2,507	2,507	100	2,507	0	2,507	100		4	2	2	10	6
		148	Utwigu	1,736	2,278	7	Scattered	a				0	0	0	0	0	0	0	0	0.0		2,278	2,278	0	0			0	2,278	10	14	1	9	28	2,250	2,278	2,278	100	2,278	0	2,278	100		4	2	2	10	6
36	Wela	149	Gulumuni	1,077	1,414	5	Mixed	A				0	250	0	250	0	0	0	250	23.2		1,414	1,164	0	0			0	1,164	5	19	1	4	164	1,000	1,164	1,164	100	1,414	0	1,414	100		3	4	3	14	2
		150	Malilita	2,153	2,825	6	Scattered	A				0	750	0	750	0	0	0	750	34.8		2,825	2,075	0	0			0	2,075	9	19	3	6	575	1,500	2,075	2,075	100	2,825	0	2,825	100		2	2	3	9	7
		151	Mwansambo	990	1,299	4	Mixed	n				0	0	0	0	0	0	0	0	0.0		1,299	1,299	0	0			0	1,299	6	0	1	0	250	0	250	250	19	250	1,049	1,299	100	PW, RH	—	—	—	—	—
		152	Wela	1,753	2,301	6	Clustered	A				0	500	0	500	0	0	0	500	28.5		2,301	1,801	0	0			0	1,801	8	15	1	7	51	1,750	1,801	1,801	100	2,301	0	2,301	100		3	4	3	14	2
Total				469,112	615,589	978						0	63,907	30,182	94,089	0	8,250	8,250	102,339	22	11,637	496,840	413,027	11,206	0			11,206	401,821	1,669	2,894	158	1,143	31,128	282,586	313,714	324,920	79	403,425	88,107	496,840						

Note:

Water quality
- A : Water quality, satisfies the Guideline and Standard confirmed by the Study
- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.3 Rural Water Supply Plan and Evaluation of Village for Priority Project（Sikonge District）(1/1)

Sikonge District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	Water Demand (2020) unit: m3	No. of sub-village	Dwelling type	Water Quality	Forest Reserve		Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Served by Level-2	served by Level-1	Total Population	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation	SR No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total pop. Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Pop. To be served by other sources	Total Population Served	Coverage (%)	Alternative Sources	Evaluation for Priority: Water supply coverage	Groundwater potential	Water quality	Total	Priority
1	Chabutwa	1	*Chabutwa*	1,667	2,434	61	2	Mixed	A			SUWASA	0	500	0	500	0	0	0	500	30																															
		2	Kabanga	1,311	1,915	48	3	Clustered	a					0	0	0	0	0	0	0	0		1,915	1,915	0	0			0	1,915	8	117	2	6	415	1,500	1,915	1,915	100	1,915	0	1,915	100		4	2	2	10	6
		3	Kikungu	3,102	4,529	113	3	Linear	A					250	0	250	0	0	0	250	8		4,529	4,279	0	0			0	4,279	18	46	2	16	279	4,000	4,279	4,279	100	4,529	0	4,529	100		3	2	3	10	6
		4	Kipanga	1,977	2,887	72	4	Scattered	a					0	0	0	0	0	0	0	0		2,887	2,887	0	0			0	2,887	12	53	4	8	887	2,000	2,887	2,887	100	2,887	0	2,887	100		4	2	2	10	6
		5	Mitwigu	2,115	3,088	77	4	Clustered	A					250	0	250	0	0	0	250	12		3,088	2,838	0	0			0	2,838	12	124	1	11	88	2,750	2,838	2,838	100	3,088	0	3,088	100		3	2	3	10	6
2	Igigwa	6	Igigwa	11,462	16,735	418	8	Scattered	A				0	750	0	750	0	0	0	750	7		16,735	15,985	0	0			0	15,985	64	24	0	24	0	5,945	5,945	5,945	37	6,695	10,040	16,735	100	PW, RW	4	2	3	11	5
		7	Kasandalala	2,282	3,332	83	5	Scattered	A					0	0	0	0	0	0	0	0		3,332	3,332	0	0			0	3,332	14	42	0	14	0	3,332	3,332	3,332	100	3,332	0	3,332	100		4	4	3	15	1
		8	*Lufwisi*	2,694	3,934	98	3	Clustered	A	P	Sikonge	SUWASA		0	0	0	0	0	0	0	0																														
		9	*Migumbu*	3,290	4,804	120	5	Clustered	a	A	Sikonge			0	0	0	0	0	0	0	0																														
		10	*Tumbili*	1,136	1,659	41	3	Clustered	a			SUWASA		0	0	0	0	0	0	0	0																														
3	Ipole	11	Idekamiso	1,658	2,421	61	3	Clustered	A					250	0	250	0	0	0	250	15		2,421	2,171	0	0			0	2,171	9	104	0	9	0	2,171	2,171	2,171	100	2,421	0	2,421	100		3	2	3	10	6
		12	Ipole	2,860	4,176	104	6	Mixed	A				2,500	250	0	2,750	0	0	0	2,750	96		4,176	1,426	0	0			0	1,426	6	21	0	6	0	1,426	1,426	1,426	100	4,176	0	4,176	100		1	2	3	8	8
		13	Makazi	865	1,263	32	4	Clustered	a				865	0	0	865	0	0	0	865	100	135	1,263	263	0	0			0	263	2	23	0	2	0	263	263	263	100	1,128	0	1,263	100		1	2	2	7	9
		14	Msuva	2,311	3,374	84	4	Linear	A					250	500	750	0	0	0	750	32		3,374	2,624	0	0			0	2,624	11	21	0	11	0	2,624	2,624	2,624	100	3,374	0	3,374	100		2	2	3	9	7
		15	Udongo	612	894	22	3	Linear	A				429	183	0	612	0	0	0	612	100	282	894	0	0	0			0	0	0	24	0	0	0	0	0	0	0	612	0	894	100		1	2	3	8	8
		16	Utimule	5,911	8,630	216	3	Scattered	a				0	0	0	0	0	0	0	0	0		8,630	8,630	0	0			0	8,630	35	21	0	21	0	5,299	5,299	5,299	61	5,299	3,331	8,630	100	PW, RW	4	2	2	10	6
4	Kiloleli	17	Kanyamseng	2,825	4,125	103	4	Linear	a				0	0	0	0	0	0	0	0	0		4,125	4,125	2,888	0	SKN-1	GW	2,888	1,238	5	129	0	5	0	1,238	1,238	4,125	100	4,125	0	4,125	100		4	4	2	14	2
		18	*Kiloleli*	4,599	6,715	168	4	Linear	a			WSDP	0	0	0	0	0	0	0	0	0																														
		19	*Mtakuja*	4,347	6,347	159	4	Clustered	A			WSDP	0	1,000	0	1,000	0	0	0	1,000	23																														
5	Kiloli	20	*Majojoro*	972	1,420	36	2	Clustered	a			WSDP	0	0	0	0	0	0	0	0	0																														
		21	*Mwitiko*	1,700	2,482	62	2	Concentrated	A			WSDP	0	0	0	0	0	0	0	0	0																														
6	Kipanga	22	*Isanjandugu*	1,838	2,684	67	3	Clustered	a	A	Sikonge		0	0	0	0	0	0	0	0	0																														
		23	*Imalampaka*	2,127	3,106	78	3	Mixed	a			WSDP	0	0	0	0	0	750	750	750	35																														
		24	*Lembeli*	3,293	4,808	120	3	Clustered	A			WSDP	0	500	0	500	0	0	0	500	15																														
		25	Mwanamkata	1,228	1,793	45	4	Scattered	a				0	0	0	0	0	0	0	0	0		1,793	1,793	0	0			0	1,793	8	17	0	8	0	1,793	1,793	1,793	100	1,793	0	1,793	100		4	4	2	14	2
		26	*Ukondamoyo*	2,851	4,163	104	3	Clustered	A			WSDP	1,250	250	0	1,500	0	0	0	1,500	53																														
		27	Urafiki	1,623	2,370	59	5	Clustered	A				0	250	0	250	0	0	0	250	15		2,370	2,120						2,120	9	23	0	9	0	2,120	2,120	2,120	100	2,370	0	2,370	100		3	4	3	14	2
		28	Usunga	1,894	2,766	69	4	Linear	A				0	0	0	0	0	0	0	0	0		2,766	2,766	2,766	0	SKN-2	GW	2,766	0	0	20	0	0	0	0	0	2,766		2,766	0	2,766	100		4	4	3	15	1
7	Kipili	29	*Kilumbi*	8,442	12,326	308	3	Mixed	A			WSDP	0	500	0	500	0	0	0	500	6																														
		30	*Kiyombo*	4,037	5,894	147	5	Mixed	a			WSDP	0	0	0	0	0	0	0	0	0																														
		31	*Matagata*	2,220	3,242	81	5	Clustered	a			WSDP	0	0	0	0	0	0	0	0	0																														
		32	*Zugimlole*	3,335	4,869	122	7	Clustered	A			WSDP	0	250	0	250	0	0	0	250	7																														
8	Kitunda	33	*Mgambo*	3,107	4,537	113	3	Clustered	A			WSDP	0	500	2,000	2,500	0	0	0	2,500	80																														
		34	*Mwenge*	3,623	5,290	132	5	Concentrated	A			WSDP	0	750	0	750	0	0	0	750	21																														
9	Pangale	35	Ibaya	2,580	3,767	94	6	Clustered	A				0	0	0	0	0	0	0	0	0		3,767	3,767	0	0			0	3,767	16	15	0	15	0	3,767	3,767	3,767	0	3,767	0	3,767	100		4	2	3	11	5
		36	Majengo	2,337	3,412	85	6	Clustered	a				0	0	0	0	0	0	0	0	0		3,412	3,412	0	0			0	3,412	14	29	0	14	0	3,412	3,412	3,412	100	3,412	0	3,412	100		4	2	2	10	6
		37	Mpombwe	3,435	5,015	125	4	Mixed	A				0	250	0	250	0	0	0	250	7		5,015	4,765	2,500	0	SKN-3	GW	2,500	2,265	10	19	0	10	0	2,265	2,265	4,765	100	5,015	0	5,015	100		4	4	3	15	1
		38	Pangale	1,609	2,350	59	3	Mixed	A				0	750	0	750	0	0	0	750	47		2,350	1,600	0	0			0	1,600	7	10	0	7	0	1,600	1,600	1,600	100	2,350	0	2,350	100		2	2	3	9	7
		39	Usesula	3,394	4,956	124	4	Clustered	A				0	250	0	250	0	0	0	250	7		4,956	4,706	0	0			0	4,706	19	12	1	11	250	2,799	3,049	3,049	65	3,299	1,657	4,956	100	PW, RW	4	2	3	11	5
10	Sikonge	40	*Igalula*	1,147	1,675	42	3	Scattered	a			SUWASA	0	0	0	0	0	0	0	0	0																														
		41	*Kisanga*	5,158	7,531	188	6	Scattered	A	P	Sikonge	SUWASA	0	500	0	500	0	0	0	500	10																														
		42	*Mkolye*	2,468	3,604	90	5	Clustered	A			SUWASA	0	750	0	750	0	0	0	750	30																														
		43	*Mlogolo*	984	1,437	36	4	Mixed	A			SUWASA	0	500	0	500	0	0	0	500	51																														
		44	Mwamayunga	5,873	8,575	214	6	Scattered	a	P	Sikonge		0	0	0	0	0	0	0	0	0		8,575	1,490	0	0			0	1,490	6	80	0	6	0	1,490	1,490	1,490	100	1,490	0	1,490	100		4	2	2	10	6
		45	*Sikonge*	10,858	15,853	396	12	Linear	A			SUWASA	0	2,500	0	2,500	0	0	0	2,500	23	0																														
11	Tutuo	46	Ibumba	3,636	5,309	133	5	Clustered	a				0	0	0	0	0	0	0	0	0		5,309	5,309	0	0			0	5,309	22	14	0	5	0	1,250	1,250	1,250	24	1,250	4,059	5,309	100	PW, RW	4	2	2	10	6
		47	Kidete	2,569	3,751	94	4	Clustered	a				0	0	0	0	0	0	0	0	0		3,751	3,751	0	0			0	3,751	16	13	0	4	0	1,000	1,000	1,000	27	1,000	2,751	3,751	100	PW, RW	4	2	2	10	6
		48	Mitowo	2,863	4,180	105	4	Linear	A				0	250	0	250	0	0	0	250	9		4,180	3,930	0	0			0	3,930	16	118	2	14	430	3,500	3,930	3,930	100	4,180	0	4,180	100		4	2	3	11	5
		49	Mole	2,137	3,120	78	4	Linear	A				0	750	0	750	0	0	0	750	35		3,120	2,370	0	0			0	2,370	10	46	2	4	500	1,000	1,500	1,500	63	2,250	870	3,120	100	PW, RW	2	2	3	9	7
		50	*Mole Mlimani*	2,537	3,704	93	5	Linear	a				0	0	0	0	0	0	0	0	0																														
		51	Muungano	3,802	5,551	139	5	Mixed	A				0	250	0	250	0	0	0	250	7		5,551	5,301	0	0			0	5,301	22	7	1	5	250	1,250	1,500	1,500	28	1,750	3,801	5,551	100		4	2	3	11	5
		52	*Tutuo*	4,403	6,429	161	5	Mixed	A			SUWASA	0	500	0	500	0	0	0	500	11																														
		53	Usanganya	3,115	4,548	114	6	Clustered	a				0	0	0	0	0	0	0	0	0		4,548	4,548	0	0			0	4,548	19	14	0	6	0	1,500	1,500	1,500	33	1,500	3,048	4,548	100	PW, RW	4	2	2	10	6
Total				164,219	239,779	5,993	229						5,044	13,933	2,500	21,477	0	750	750	22,227	14		118,832	102,103	8,154	0			8,154	93,950	390	1,185	15	251	3,099	61,294	64,393	72,546	71	81,773	29,557	111,747							

Note:

Water quality
- A : Water quality, satisfies the Guideline and Standard confirmed by the Study
- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.4 Rural Water Supply Plan and Evaluation of Village for Priority Project（Tabora Rural District）(1/2)

Tabora Rural

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve	Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Others	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population To be served by other sources	Total Population Served	Total Coverage (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
1	Bukumbi	1	Gilimba	7,765	11,337	3	Scattered	a	A IgombeRiver		0	0	0	0	0	0	0	0	0	0	0																												
		2	Ishihimulwa	2,699	3,941	4	Clustered	A	A IgombeRiver		0	250	0	250	0	0	0	0	250	9	0																												
		3	Kigwanhona	1,815	2,650	5	Clustered	a			0	0	250	250	0	0	0	0	250	14	0	2,650	2,400	0	0			0	2,400	10	10	0	10	0	2,400	2,400	2,400	100	2,650	0	2,650	100	PW, RW	3	2	2	9	7
		4	Mbeya	4,233	6,181	5	Clustered	a	A Igombe River		0	0	0	0	0	0	0	0	0	0	0																												
		5	Nyangahe	7,378	10,772	4	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	10,772	10,772	0	0			0	10,772	44	44	0	44	0	10,772	10,772	10,772	100	10,772	0	10,772	100		4	2	2	10	6
2	Goweko	6	Goweko	5,750	8,395	6	Concentrated	a			0	0	0	0	0	0	0	0	0	0	0	8,395	8,395	0	0			0	8,395	34	10	0	10	0	2,500	2,500	2,500	30	2,500	5,895	8,395	100	PW, RW	4	2	2	10	6
		7	Kamama	3,168	4,626	4	Clustered	n			0	0	0	0	0	0	0	0	0	0	0	4,626	4,626	0	0			0	4,626	19	0	0	0	0	0	0	0	0	0	4,626	4,626	100		4	–	–	–	–
		8	Kimungi	3,241	4,732	3	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	4,732	4,732	0	0			0	4,732	19	19	1	18	232	4,500	4,732	4,732	100	4,732	0	4,732	100		4	2	2	10	6
		9	Mwititila	3,828	5,589	4	Scattered	n			0	0	0	0	0	0	0	0	0	0	0	5,589	5,589	0	0			0	5,589	23	0	0	0	0	0	0	0	0	0	5,589	5,589	100		–	–	–	–	–
		10	Nsololo	7,144	10,431	6	Scattered	A			0	1,000	0	1,000	0	0	0	0	1,000	14	0	10,431	9,431	0	0			0	9,431	38	19	0	19	0	4,750	4,750	4,750	50	5,750	4,681	10,431	100		2	3	3	11	5
		11	Tambukareli	2,795	4,081	4	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	4,081	4,081	0	0			0	4,081	17	11	0	11	0	2,750	2,750	2,750	67	2,750	1,331	4,081	100	PW, RW	4	2	2	10	6
		12	Imalakaseko	5,475	7,994	3	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	7,994	7,994	0	0			0	7,994	32	32	0	32	0	7,994	7,994	7,994	100	7,994	0	7,994	100		4	3	2	12	4
3	Ibiri	13	Ibiri	2,890	4,220	3	Clustered	A			0	1,194	0	1,194	0	0	0	0	1,194	41	0	4,220	3,026	0	0			0	3,026	13	13	2	11	276	2,750	3,026	3,026	100	4,220	0	4,220	100		2	2	3	9	7
		14	Inonelwa	2,526	3,688	3	Mixed	A			0	1,250	0	1,250	0	0	0	0	1,250	49	0	3,688	2,438	0	0			0	2,438	10	10	1	9	188	2,250	2,438	2,438	100	3,688	0	3,688	100		2	2	3	9	7
		15	Isimu	8,366	12,215	2	Concentrated	a		WSDP	0	500	0	500	0	0	0	0	500	6	0																												
		16	Kagera	701	1,024	2	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	1,024	1,024	0	0			0	1,024	5	5	0	5	0	1,024	1,024	1,024	100	1,024	0	1,024	100	–	4	2	2	10	6
		17	Kilungu	1,224	1,788	2	Concentrated	A		WSDP	0	1,224	0	1,224	0	0	0	0	1,224	100	26																												
		18	Milumba	2,329	3,401	3	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	3,401	3,401	0	0			0	3,401	14	14	0	14	0	3,401	3,401	3,401	100	3,401	0	3,401	100		4	2	2	10	6
		19	Mkalya	808	1,180	5	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	1,180	1,180	0	0			0	1,180	5	5	0	5	0	1,180	1,180	1,180	100	1,180	0	1,180	100		4	2	2	10	6
		20	Mwakashindye	2,651	3,871	3	Linear	A		WSDP	0	1,000	0	1,000	0	0	0	0	1,000	38	0																												
4	Igalula	21	Igalula	10,643	15,539	4	Clustered	a			10,643	0	0	10,643	0	0	0	0	10,643	100	2,457	15,539	2,439	0	0			0	2,439	10	10	0	10	0	2,439	2,439	2,439	100	13,082	0	15,539	100		1	3	2	9	7
		22	Ipululu	4,760	6,950	3	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	6,950	6,950	0	0			0	6,950	28	28	0	28	0	6,950	6,950	6,950	100	6,950	0	6,950	100		4	3	2	12	4
		23	Itundaukulu	2,759	4,029	4	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	4,029	4,029	0	0			0	4,029	17	17	0	17	0	4,029	4,029	4,029	100	4,029	0	4,029	100		4	2	2	10	6
		24	Kawekapina	4,935	7,205	4	Mixed	A			0	750	0	750	0	0	0	0	750	15	0	7,205	6,455	0	0			0	6,455	26	26	0	26	0	6,455	6,455	6,455	100	7,205	0	7,205	100		3	2	3	10	6
		25	Kigwa B	15,774	23,030	5	Mixed	a			0	500	0	500	0	0	0	0	500	3	0	23,030	22,530	0	0			0	22,530	91	61	0	61	0	15,250	15,250	15,250	68	15,750	7,280	23,030	100		4	2	2	10	6
		26	Kinamagi	2,981	4,353	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	4,353	4,353	0	0			0	4,353	18	18	0	18	0	4,353	4,353	4,353	100	4,353	0	4,353	100		4	2	2	10	6
		27	Nzigala	8,366	12,215	5	Clustered	a	A Goweko		0	706	0	706	0	0	0	0	706	8	44																												
5	Ikongolo	28	Ikongolo	1,630	2,380	5	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	2,380	2,380	0	0			0	2,380	10	10	0	10	0	2,380	2,380	2,380	100	2,380	0	2,380	100		4	2	2	10	6
		29	Izugawima	2,539	3,707	4	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	3,707	3,707	0	0			0	3,707	15	15	0	15	0	3,707	3,707	3,707	100	3,707	0	3,707	100		4	2	2	10	6
		30	Kanyenye	1,442	2,106	5	Linear	a			0	0	0	0	0	0	0	0	0	0	0	2,106	2,106	0	0			0	2,106	9	9	0	9	0	2,106	2,106	2,106	100	2,106	0	2,106	100		4	4	2	14	2
		31	Kiwembe	698	1,020	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	1,020	1,020	0	0			0	1,020	5	5	0	5	0	1,020	1,020	1,020	100	1,020	0	1,020	100		4	4	2	14	2
		32	Majengo	1,370	2,001	4	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	2,001	2,001	0	0			0	2,001	9	9	0	9	0	2,001	2,001	2,001	100	2,001	0	2,001	100		4	2	2	10	6
		33	Nzubuka	3,192	4,661	4	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	4,661	4,661	0	0			0	4,661	19	19	0	19	0	4,661	4,661	4,661	100	4,661	0	4,661	100		4	2	2	10	6
6	Ilolangulu	34	Ilolangulu	3,606	5,265	3	Mixed	a		UNDP	0	0	0	0	0	0	0	0	0	0	0																												
		35	Isenga	2,653	3,874	2	Clustered	a		UNDP	0	0	0	0	0	0	500	0	0	0	0																												
		36	Isila	3,375	4,928	4	Clustered	a		UNDP	0	0	0	0	0	500	1,250	500	500	15	0																												
		37	Kasisi A	924	1,350	2	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	1,350	1,350	0	0			0	1,350	6	6	0	6	0	1,350	1,350	1,350	100	1,350	0	1,350	100		4	2	2	10	6
		38	Mbola	1,890	2,760	3	Mixed	a		UNDP	0	0	0	0	0	1,250	500	1,250	1,250	66	0																												
		39	Mpenge	1,135	1,658	3	Clustered	a		UNDP	0	0	0	0	910	0	0	910	910	80	0																												
		40	Ngokolo	649	948	3	Mixed	a		UNDP	0	0	0	0	0	0	0	0	0	0	0																												
		41	Ulimakafu/Kagobo	1,776	2,593	4	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	2,593	2,593	0	0			0	2,593	11	11	0	11	0	2,593	2,593	2,593	100	2,593	0	2,593	100		4	2	2	10	6
7	Isikizya	42	Ibelamilundi	2,548	3,721	5	Clustered	A			0	0	0	0	0	0	0	0	0	0	0	3,721	3,721	0	0			0	3,721	15	15	2	13	471	3,250	3,721	3,721	100	3,721	0	3,721	100		4	2	3	11	5
		43	Ibushi	932	1,361	2	Scattered	a			0	250	0	250	0	0	0	0	250	27	0	1,361	1,111	0	0			0	1,111	5	5	0	5	0	1,111	1,111	1,111	100	1,361	0	1,361	100		3	2	2	9	7
		44	Igoko	3,225	4,709	5	Linear	A			0	1,000	0	1,000	0	0	0	0	1,000	31	0	4,709	3,709	0	0			0	3,709	15	13	1	12	250	3,000	3,250	3,250	88	4,250	459	4,709	100	PW	2	2	3	9	7
		45	Ilalwasimba	3,126	4,564	7	Concentrated	A			0	1,250	0	1,250	0	0	0	0	1,250	40	0	4,564	3,314	0	0			0	3,314	14	14	5	9	1,064	2,250	3,314	3,314	100	4,564	0	4,564	100		2	2	3	9	7
		46	Isenegeja	7,488	10,933	5	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	10,933	10,933	0	0			0	10,933	44	29	0	29	0	7,250	7,250	7,250	66	7,250	3,683	10,933	100		4	2	2	10	6
		47	Isikizya	7,763	11,334	9	Scattered	a			0	0	0	0	3,000	0	0	3,000	3,000	39	0	11,334	8,334	0	0				8,334	34	16	0	16	0	4,000	4,000	4,000	48	7,000	4,334	11,334	100		2	2	2	8	8
		48	Itobela	3,654	5,335	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	5,335	5,335	0	0			0	5,335	22	22	0	22	0	5,335	5,335	5,335	100	5,335	0	5,335	100		4	2	2	10	6
		49	Mtakuja	4,898	7,151	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	7,151	7,151	0	0			0	7,151	29	12	0	12	0	3,000	3,000	3,000	42	3,000	4,151	7,151	100	PW	4	2	2	10	6
8	Kizengi	50	Karangasi	3,335	4,869	3	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	4,869	4,869	0	0			0	4,869	20	20	0	20	0	4,869	4,869	4,869	100	4,869	0	4,869	100		4	2	2	10	6
		51	Kizengi	4,304	6,284	4	Clustered	a			0	1,250	0	1,250	0	0	0	0	1,250	29	0	6,284	5,034	3,524	0	TRN-1	GW	3,524	1,510	7	7	0	7	0	1,510	1,510	5,034	100	6,284	0	6,284	100		3	4	2	13	3
		52	Malongwe	6,040	8,819	5	Clustered	A		WSDP	0	1,000	0	1,000	0	0	0	0	1,000	17	0																												
		53	Mdaki	2,154	3,145	5	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	3,145	3,145	0	0			0	3,145	13	13	0	13	0	3,145	3,145	3,145	100	3,145	0	3,145	100		4	2	2	10	6
		54	Mpumbuli	1,820	2,658	5	Clustered	A			0	250	0	250	0	0	0	0	250	14	0	2,658	2,408	2,408	0	TRN-2	GW	2,408	0	0	0	0	0	0	0	0	2,408	100	2,658	0	2,658	100		3	4	3	14	2
		55	Nkongwa	3,722	5,435	5	Clustered	n			0	0	0	0	0	0	0	0	0	0	0	5,435	5,435	0	0			0	5,435	22	0	0	0	0	0	0	0	0	0	5,435	5,435	100		–	–	–	–	–
		56	Tura	8,213	11,991	4	Mixed	a			0	0	2,280	2,280	0	0	0	0	2,280	28	220	11,991	9,491	0	0			0	9,491	38	38	0	38	0	9,491	9,491	9,491	100	11,771	0	11,991	100		3	2	2	9	7
9	Loya	57	Kalangale/Masenge	1,811	2,645	4	Scattered	N			0	250	0	250	0	250	0	250	500	28	0	2,645	2,145	0	0			0	2,145	9	0	0	0	0	0	0	0	0	500	2,145	2,645	100		–	–	–	–	–
		58	Loya	13,806	20,157	4	Scattered	N			0	0	0	0	0	0	0	0	0	0	0	20,157	20,157	0	0			0	20,157	81	0	0	0	0	0	0	0	0	0	20,157	20,157	100		–	–	–	–	–
		59	Lutona	3,906	5,703	6	Olustered	N		WSDP	0	1,250	0	1,250	0	250	0	250	1,500	38	0																												
		60	Magulyati	2,257	3,296	4	Scattered	N			0	0	0	0	0	0	0	0	0	0	0	3,296	3,296	0	0			0	3,296	14	0	0	0	0	0	0	0	0	0	3,296	3,296	100		–	–	–	–	–
		61	Migongwa	4,840	7,067	4	Scattered	N			0	0	0	0	0	0	0	0	0	0	0	7,067	7,067	0	0			0	7,067	29	0	0	0	0	0	0	0	0	0	7,067	7,067	100		–	–	–	–	–
		62	Miswaki	4,343	6,341	4	Olustered	a		WSDP	0	250	0	250	0	0	0	0	250	6	0																												
10	Lutende	63	Lutende	5,785	8,446	9	Olustered	a			0	0	0	0	0	0	0	0	0	0	0	8,446	8,446	0	0			0	8,446	34	34	0	34	0	8,446	8,446	8,446	100	8,446	0	8,446	100		4	2	2	10	6
		64	Miyenze	13,743	20,065	10	Olustered	a			0	0	0	0	0	0	0	0	0	0	0	20,065	20,065	0	0			0	20,065	81	81	0	81	0	20,065	20,065	20,065	100	20,065	0	20,065	100		4	2	2	10	6
		65	Mwakadala	9,279	13,548	5	Olustered	N		WSDP	0	500	0	500	0	0	0	0	500	5	0																												
		66	Mwisole	11,286	16,478	7	Olustered	N			0	0	0	0	0	0	0	0	0	0	0	16,478	16,478	0	0			0	16,478	66	0	0	0	0	0	0	0	0	0	16,478	16,478	100		–	–	–	–	–
11	Mabama	67	Ideka	1,449	2,116	4	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	2,116	2,116	0	0			0	2,116	9	9	0	9	0	2,116	2,116	2,116	100	2,116	0	2,116	100		4	2	2	10	6
		68	Kalola	3,268	4,772	5	Clustered	A			0	750	0	750	0	0	0	0	750	23	0	4,772	4,022	2,500	0	TRN-3	GW	2,500	1,522	7	7	2	5	272	1,250	1,522	4,022	100	4,772	0	4,772	100		3	4	3	14	2
		69	Mabama	4,329	6,321	6	Clustered	A			0	250	0	250	0	0	0	0	250	6	0	6,321	6,071	5,000	0	TRN-4	GW	5,000	1,071	5	5	1	4	71	1,000	1,071	6,071	100	6,321	0	6,321	100		4	4	3	15	1
		70	Maswanya	2,122	3,099	4	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	3,099	3,099	2,500	0	TRN-5	GW	2,500	599	3	3	2	1	349	250	599	3,099	100	3,099	0	3,099	100		4	4	2	14	2
		71	Mbiti	2,291	3,345	3	Clustered	a		UNDP	0	0	0	0	0	0	250	0	0	0	0																												
		72	Msiliembe	1,088	1,589	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	1,589	1,589	0	0			0	1,589	7	7	0	7	0	1,589	1,589	1,589	100	1,589	0	1,589	100	PW, RW	4	2	2	10	6
		73	Utura	5,464	7,978	5	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	7,978	7,978	0	0			0	7,978	32	32	0	32	0	7,978	7,978	7,978	100	7,978	0	7,978	100		4	2	2	10	6
12	Magiri	74	Hiari ya Moyo	2,186	3,192	2	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	3,192	3,192	0	0			0	3,192	13	13	0	13	0	3,192	3,192	3,192	100	3,192	0	3,192	100	PW, RW	4	2	2	10	0
		75	Imalampaka	2,346	3,426	4	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	3,426	3,426	0	0			0	3,426	14	14	0	14	0	3,426	3,426	3,426	100	3,426	0	3,426	100		4	2	2	10	6
		76	Kalemela	5,493	8,020	3	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	8,020	8,020	0	0			0	8,020	33	33	0	33	0	8,020	8,020	8,020	100	8,020	0	8,020	100		4	2	2	10	6
		77	Magiri	6,003	8,765	6	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	8,765	8,765	0	0			0	8,765	36	15	0	15	0	3,750	3,750	3,750	43	3,750	5,015	8,765	100		4	2	2	10	6
		78	Mayombo	5,513	8,049	8	Linear	a			0	0	0	0	0	0	0	0	0	0	0	8,049	8,049	0	0			0	8,049	33	24	0	24	0	6,000	6,000	6,000	75	6,000	2,049	8,049	100	PW, RW	4	2	2	10	6
		79	Mputi	581	849	3	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	849	849	0	0			0	849	4	4	0	4	0	849	849	849	100	849	0	849	100		4	2	2	10	6
		80	Nsimbo	3,582	5,230	5	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	5,230	5,230	0	0			0	5,230	21	21	0	21	0	5,230	5,230	5,230	100	5,230	0	5,230	100		4	2	2	10	6

Note:

Water quality
- A : Water quality, satisfies the Guideline and Standard confirmed by the Study
- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.4 Rural Water Supply Plan and Evaluation of Village for Priority Project（Tabora Rural District）(2/2)

Tabora Rural

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve	Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Others	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population To be served by other sources	Total Population Served	Total Coverage (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
13	Ndono	81	Chali	1,162	1,697	4	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	1,697	1,697	0	0			0	1,697	7	7	0	7	0	1,697	1,697	1,697	100	1,697	0	1,697	100		4	2	2	10	6
		82	Imalamihayo	2,984	4,357	5	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	4,357	4,357	0	0			0	4,357	18	18	0	18	0	4,357	4,357	4,357	100	4,357	0	4,357	100		4	2	2	10	6
		83	Itinka	611	893	3	Mixed	A			0	0	611	611	0	0	0	0	611	100	282	893	0	0	0			0	0	0	0	6	0	0	0	0	0	0	611	0	893	100		1	2	3	8	8
		84	Ndono	2,403	3,509	5	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	3,509	3,509	0	0			0	3,509	15	15	7	8	1,509	2,000	3,509	3,509	100	3,509	0	3,509	100		4	2	2	10	6
		85	Nkulusi	2,370	3,461	5	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	3,461	3,461	2,500	0	TRN-6	GW	2,500	961	4	4	4	0	961	0	961	3,461	100	3,461	0	3,461	100		4	4	2	14	2
		86	Tulieni	1,051	1,535	3	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	1,535	1,535	0	0			0	1,535	7	7	0	7	0	1,535	1,535	1,535	100	1,535	0	1,535	100		4	2	2	10	6
14	Shitage	87	Bukala	3,223	4,706	4	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	4,706	4,706	0	0			0	4,706	19	18	0	18	0	4,500	4,500	4,500	96	4,500	206	4,706	100	PW, RW	4	2	2	10	6
		88	Bukili	1,401	2,046	4	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	2,046	2,046	0	0			0	2,046	9	9	0	9	0	2,046	2,046	2,046	100	2,046	0	2,046	100		4	2	2	10	6
		89	Muhukidede	1,619	2,364	3	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	2,364	2,364	0	0			0	2,364	10	10	0	10	0	2,364	2,364	2,364	100	2,364	0	2,364	100		4	2	2	10	6
		90	Nkutu	2,107	3,077	3	Mixed	a			0	0	0	0	0	0	0	0	0	0	0	3,077	3,077	0	0			0	3,077	13	13	0	13	0	3,077	3,077	3,077	100	3,077	0	3,077	100		4	2	2	10	6
		91	Shitage	3,470	5,067	4	Concentrated	a			0	0	0	0	0	0	0	0	0	0	0	5,067	5,067	0	0			0	5,067	21	16	0	16	0	4,000	4,000	4,000	79	4,000	1,067	5,067	100		4	2	2	10	6
15	Ufuluma	92	Bulima	484	707	6	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	707	707	0	0			0	707	3	3	3	0	707	0	707	707	100	707	0	707	100		4	2	2	10	6
		93	Chessa	2,625	3,833	5	Clustered	A			0	750	0	750	0	0	0	0	750	29	0	3,833	3,083	0	0			0	3,083	13	13	2	11	333	2,750	3,083	3,083	100	3,833	0	3,833	100		3	2	3	10	6
		94	Makazi	1,624	2,371	4	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	2,371	2,371	0	0			0	2,371	10	10	2	8	371	2,000	2,371	2,371	100	2,371	0	2,371	100		4	2	2	10	6
		95	Mfuto	954	1,393	3	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	1,393	1,393	0	0			0	1,393	6	6	0	6	0	1,393	1,393	1,393	100	1,393	0	1,393	100		4	4	2	14	2
		96	Sala	2,074	3,028	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	3,028	3,028	0	0			0	3,028	13	13	0	13	0	3,028	3,028	3,028	100	3,028	0	3,028	100		4	2	2	10	6
		97	Sawewe	1,881	2,747	5	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	2,747	2,747	0	0			0	2,747	11	11	0	11	0	2,747	2,747	2,747	100	2,747	0	2,747	100		4	2	2	10	6
		98	Ufuluma	5,741	8,382	4	Mixed	A			0	0	0	0	0	0	0	0	0	0	0	8,382	8,382	0	0			0	8,382	34	16	3	13	750	3,250	4,000	4,000	48	4,000	4,382	8,382	100		4	4	3	15	1
		99	Ugowola	6,074	8,868	5	Mixed	a			0	500	0	500	0	0	0	0	500	8	0	8,868	8,368	0	0			0	8,368	34	22	2	0	500	0	500	500	6	1,000	7,868	8,868	100		4	2	2	10	6
16	Upuge	100	Kasenga	797	1,164	2	Scattered	a			0	0	0	0	0	0	0	0	0	0	0	1,164	1,164	0	0			0	1,164	5	5	0	5	0	1,164	1,164	1,164	100	1,164	0	1,164	100		4	4	2	14	2
		101	Kongo	787	1,149	3	Clustered	a			0	0	0	0	0	0	0	0	0	0	0	1,149	1,149	0	0			0	1,149	5	5	0	5	0	1,149	1,149	1,149	100	1,149	0	1,149	100		4	2	2	10	6
		102	Lunguya	2,110	3,081	3	Linear	A			0	1,500	0	1,500	0	0	0	0	1,500	71	0	3,081	1,581	0	0			0	1,581	7	7	0	7	0	1,581	1,581	1,581	100	3,081	0	3,081	100		1	4	3	12	4
		103	Mhogwe	642	938	4	Mixed	A			0	250	0	250	0	0	0	0	250	39	0	938	688	0	0			0	688	3	3	1	2	188	500	688	688	100	938	0	938	100		2	2	3	9	7
		104	Uhuru Mbiti	401	586	2	Mixed	A			0	401	0	401	0	0	0	0	401	100	99	586	86	0	0			0	86	1	1	0	1	0	86	86	86	100	487	0	586	100	PW, RW	1	2	3	8	8
		105	Upuge	2,127	3,106	3	Concentrated	A			722	500	213	1,435	0	0	0	0	1,435	67	37	3,106	1,634	0	0			0	1,634	7	7	0	7	0	1,634	1,634	1,634	100	3,069	0	3,106	100		1	4	3	12	4
17	Usagari	106	Azimio	2,460	3,592	5	Mixed	A			0	0	0	0	0	0	0	0	0	0	0	3,592	3,592	0	0			0	3,592	15	15	1	14	92	3,500	3,592	3,592	100	3,592	0	3,592	100	PW, RW	4	2	3	11	5
		107	Imalauduki	3,021	4,411	5	Mixed	A		WSDP	0	500	0	500	0	0	0	0	500	17	0																											
		108	Migungumalo	2,500	3,650	7	Clustered	a		UNDP	0	0	0	0	0	0	500	0	0	0	0																											
		109	Msimba	973	1,421	4	Clustered	A				973	0	973	0	0	0	0	973	100	277	1,421	171	0	0			0	171	1	1	0	1	0	171	171	171	100	1,144	0	1,421	100	PW, RW	1	2	3	8	8
Total				393,552	574,633	467					11,365	21,998	3,354	36,717	3,910	2,250	3,000	6,160	42,877	11	3,442	457,835	421,676	18,432	0			18,432	403,244	1,657	1,197	48	1,135	8,584	277,466	286,050	304,482	72	337,269	117,194	457,835							

Note:

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Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.5 Rural Water Supply Plan and Evaluation of Village for Priority Project（Tabora Municipality）(1/1)

Tabora Municipality

Ward No.	Ward	Village No.	Village	Population 2009	Population 2020	No. of sub-village	Dwelling type	Water Qquality	Forest Reserve		Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	served by Level-1	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of water supply popuration	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage against target population (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population To be served by other sources	Total Population Served	Coverage against total population (2020) (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
1	Itetemia	1	Itetemia	4,615	7,977	8	Mixed	A				0	2,750	0	2,750	0	0	0	0	2,750	60	0	7,977	5,227	0	0			0	5,227	21	50	7	14	1,727	3,500	5,227	5,227	100	7,977	0	7,977	100		1	2	3	8	5
		2	*Lusangi*	1,430	2,472	5	Linear	A			WSDP	0	1,430	0	1,430	0	0	0	0	1,430	100	320																										
		3	Ntalikwa	3,195	5,523	4	Mixed	A				0	750	0	750	0	0	0	0	750	23	0	5,523	4,773	0	0			0	4,773	20	15	2	13	500	3,250	3,750	3,750	79	4,500	1,023	5,523	100		3	2	3	10	3
2	Itonjanda	4	*Ifucha*	1,843	3,186	4	Scattered	A			WSDP	0	500	0	500	0	0	0	0	500	27	0																										
		5	*Itonjanda*	2,218	3,834	6	Mixed	A			WSDP	0	250	0	250	0	0	0	0	250	11	0																										
		6	Kazima	1,155	1,997	4	Scattered	a				0	0	0	0	0	0	0	0	0	0	0	1,997	1,997	0	0			0	1,997	8	214	0	8	0	1,997	1,997	1,997	100	1,997	0	1,997	100		4	2	2	10	3
3	Kakola	7	*Igombe*	4,826	8,341	8	Clustered	A			WSDP	0	750	0	750	0	0	0	0	750	16	0																										
		8	Kakola	2,015	3,483	3	Clustered	A				0	250	0	250	0	0	0	0	250	12	0	3,483	3,233	3,064	0	TUN-1	GW	3,064	169	1	21	0	1	0	169	169	3,233	100	3,483	0	3,483	100		3	4	3	14	1
		9	Magoweko	1,787	3,089	4	Mixed	A				0	250	0	250	0	0	0	0	250	14	0	3,089	2,839	0	0			0	2,839	12	14	1	11	89	2,750	2,839	2,839	100	3,089	0	3,089	100		3	2	3	10	3
4	Kalunde	10	Izimbili	878	1,518	1	Linear	A				0	250	0	250	0	0	0	0	250	28	0	1,518	1,268	0	0			0	1,268	6	262	1	5	18	1,250	1,268	1,268	100	1,518	0	1,518	100		3	2	3	10	3
		11	*Kalunde*	1,550	2,679	4	Scattered	A			WSDP	0	1,550	0	1,550	0	0	0	0	1,550	100	0																										
		12	Ulamba	624	1,079	2	Clustered	A				0	500	0	500	0	0	0	0	500	80	0	1,079	579	0	0			0	579	3	20	1	2	79	500	579	579	100	1,079	0	1,079	100		1	2	3	8	5
5	Misha	13	Igambilo	2,578	4,456	5	Mixed	a				0	250	0	250	0	0	0	0	250	10	0	4,456	4,206	0	0			0	4,206	17	19	0	17	0	4,206	4,206	4,206	100	4,456	0	4,456	100		3	2	2	9	4
		14	Itaga	1,981	3,424	5	Mixed	a				1,131	0	0	1,131	0	0	0	0	1,131	57	0	3,424	2,293	0	0			0	2,293	10	17	0	10	0	2,293	2,293	2,293	100	3,424	0	3,424	100		1	2	2	7	6
		15	*Kabila*	3,491	6,034	6	Mixed	A			WSDP	0	250	0	250	0	0	0	0	250	7	0																										
		16	Masagala	1,892	3,271	4	Mixed	C				0	500	0	500	0	0	0	0	500	26	0	3,271	2,771	0	0			0	2,771	12	29	2	10	271	2,500	2,771	2,771	100	3,271	0	3,271	100		3	2	0	7	6
		17	Misha	759	1,312	2	Linear	a				0	0	0	0	0	0	0	0	0	0	0	1,312	1,312	0	0			0	1,312	6	24	0	6	0	1,312	1,312	1,312	100	1,312	0	1,312	100		4	4	2	14	1
6	Ndevelw	18	*Inala*	3,546	6,129	4	Clustered	A			WSDP	0	1,000	0	1,000	0	0	0	0	1,000	28	0																										
		19	*Itulu*	902	1,559	1	Scattered	A			WSDP	0	0	0	0	0	0	0	0	0	0	0																										
		20	*Ndevelwa*	3,156	5,455	3	Scattered	A			WSDP	0	500	0	500	0	0	0	0	500	16	0																										
7	Tumbi	21	*Tumbi*	7,311	12,636	13	Clustered	A			WSDP	0	1,000	0	1,000	0	0	0	0	1,000	14	0																										
8	Uyui	22	*Imalamihay*	2,660	4,598	7	Mixed	A			WSDP	0	250	0	250	0	0	0	0	250	9	0																										
		23	Kalumwa	1,292	2,234	6	Linear	a				0	250	0	250	0	0	0	0	250	19	0	2,234	1,984	0	0			0	1,984	8	60	0	8	0	1,984	1,984	1,984	100	2,234	0	2,234	100		3	4	2	13	2
		24	Uyui	3,138	5,424	8	Mixed	a				0	250	0	250	0	0	0	0	250	8	0	5,424	5,174	0	0			0	5,174	21	38	1	20	174	5,000	5,174	5,174	100	5,424	0	5,424	100		4	4	2	14	1
Total				58,842	101,710	117						1,131	13,480	0	14,611	0	0	0	0	14,611	25	320	44,787	37,656	3,064	0			3,064	34,592	145	783	15	125	2,858	30,711	33,569	36,633	97	43,764	1,023	44,787							

Note:

Water quality
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- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.6 Rural Water Supply Plan and Evaluation of Village for Priority Project（Urambo District）(1/2)

Urambo District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve		Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1 Level-2 and existing scheme	Population To be served by other sources	Total Population Served	Total Coverage (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
1	Ichemba	1	Ichemba	7,323	12,525	3	Mixed	A				0	500	0	500	0		0	500	7	0	12,525	12,025	0	0			0	12,025	49	20	0	20	0	5,000	5,000	5,000	42	5,500	7,025	12,525	100	PW	4	2	3	11	5
		2	Makingi	6,368	10,892	3	Mixed	A				0	500	0	500	0		0	500	8	0	10,892	10,392	0	0			0	10,392	42	25	0	25	0	6,250	6,250	6,250	0	6,750	4,142	10,892	100	PW	4	2	3	11	5
		3	Nhwande	2,044	3,496	5	Clustered	a				0	0	0	0	0		0	0	0	0	3,496	3,496	0	0			0	3,496	14	14	0	14	0	3,496	3,496	3,496	0	3,496	0	3,496	100		4	2	2	10	6
		4	*Utantamke*	2,184	3,736	5	Scattered	a	A	Ulyankulu		0	0	0	0	0		0	0	0	0																											
2	Igagala	5	Imalampaka	2,380	4,071	3	Linear	a				0	0	0	0	0		0	0	0	0	4,071	4,071	0	0			0	4,071	17	17	0	17	0	4,071	4,071	4,071	0	4,071	0	4,071	100		4	2	2	10	6
		6	Kamsekwa	3,662	6,264	2	Linear	a				0	0	0	0	0		0	0	0	0	6,264	6,264	0	0			0	6,264	26	26	1	25	14	6,250	6,264	6,264	0	6,264	0	6,264	100		4	2	2	10	6
		7	Kazana Upate	1,853	3,170	3	Linear	a				0	0	0	0	0		0	0	0	0	3,170	3,170	3,000	0	URN-1	GW	3,000	170	1	1	0	1	0	170	170	3,170	0	3,170	0	3,170	100		4	4	2	14	2
		8	Mpwaga	3,552	6,076	2	Scattered	A				0	0	0	0	0		0	0	0	0	6,076	6,076	0	0			0	6,076	25	19	1	18	250	4,500	4,750	4,750	0	4,750	1,326	6,076	100	PW	4	3	3	13	3
		9	*Mtakuja*	6,970	11,922	8	Linear	A			WSDP	0	250	0	250	0		0	250	4	0																											
		10	Mtakuja Mashariki	2,054	3,514	4	Concentrated	a				0	0	0	0	0		0	0	0	0	3,514	3,514	2,500	0	URN-2	GW	2,500	1,014	5	5	0	5	0	1,014	1,014	3,514	0	3,514	0	3,514	100		4	4	2	14	2
		11	Wachawaseme	2,003	3,426	3	Scattered	a				0	0	0	0	0		0	0	0	0	3,426	3,426	0	0			0	3,426	14	14	0	14	0	3,426	3,426	3,426	0	3,426	0	3,426	100		4	2	2	10	6
3	Imalamakoye	12	Imalamakoye	2,509	4,292	4	Scattered	A				0	0	0	0	0		0	0	0	0	4,292	4,292	0	0			0	4,292	18	14	2	12	500	3,000	3,500	3,500	0	3,500	792	4,292	100	PW	4	4	3	15	1
		13	Itebulanda	6,090	10,416	6	Scattered	A				0	500	0	500	0		0	500	8	0	10,416	9,916	0	0			0	9,916	40	40	0	40	0	9,916	9,916	9,916	0	10,416	0	10,416	100		4	3	3	13	3
		14	Nsenda	4,588	7,848	4	Scattered	a				0	0	0	0	0		0	0	0	0	7,848	7,848	0	0			0	7,848	32	32	1	31	98	7,750	7,848	7,848	0	7,848	0	7,848	100		4	3	2	12	4
4	Itundu	15	*Itundu*	2,281	3,902	4	Linear	A			WSDP	0	1,750	0	1,750	0		0	1,750	77	0																											
		16	Kasisi	4,077	6,974	4	Mixed	a				0	0	0	0	0		0	0	0	0	6,974	6,974	0	0			0	6,974	28	28	0	28	0	6,974	6,974	6,974	0	6,974	0	6,974	100		4	2	2	10	6
		17	Kitete	1,216	2,080	2	Scattered	A				0	1,000	0	1,000	0		0	1,000	82	0	2,080	1,080	0	0			0	1,080	5	5	0	5	0	1,080	1,080	1,080	0	2,080	0	2,080	100		1	2	3	8	8
		18	Mongwa	2,211	3,782	3	Scattered	a				0	0	0	0	0		0	0	0	0	3,782	3,782	0	0			0	3,782	16	16	0	16	0	3,782	3,782	3,782	0	3,782	0	3,782	100		4	4	2	14	2
		19	Wema	4,545	7,774	4	Scattered	A				0	250	0	250	0		0	250	6	0	7,774	7,524	0	0			0	7,524	31	25	0	25	0	6,250	6,250	6,250	0	6,500	1,274	7,774	100	PW	4	2	3	11	5
5	Kaliua	20	Ilindwanoni	4,184	7,157	3	Mixed	A				0	500	0	500	0		0	500	12	0	7,157	6,657	0	0			0	6,657	27	27	2	25	407	6,250	6,657	6,657	0	7,157	0	7,157	100		3	2	3	10	6
		21	*Kaliua Magharibi*	3,817	6,529	4	Linear	A			WSDP	0	0	750	750	0		0	750	20	0																											
		22	*Kaliua Mashariki*	5,841	9,991	4	Concentrated				WSDP	0	0	0	0	0		0	0	0	0																											
		23	Kasungu	1,575	2,694	3	Mixed	A				0	500	0	500	0		0	500	32	0	2,694	2,194	0	0			0	2,194	9	9	0	9	0	2,194	2,194	2,194	0	2,694	0	2,694	100		2	4	3	13	3
6	Kapilula	24	Kapilula	1,568	2,682	3	Scattered	A				0	0	0	0	0		0	0	0	0	2,682	2,682	0	0			0	2,682	11	11	2	9	432	2,250	2,682	2,682	0	2,682	0	2,682	100		4	4	3	15	1
		25	Ulasa A	1,072	1,834	3	Scattered	a				0	0	0	0	0		0	0	0	0	1,834	1,834	0	0			0	1,834	8	8	2	6	334	1,500	1,834	1,834	0	1,834	0	1,834	100		4	4	2	14	2
		26	Ulasa B	1,767	3,023	4	Scattered	a				0	0	0	0	0		0	0	0	0	3,023	3,023	0	0			0	3,023	13	13	3	10	523	2,500	3,023	3,023	0	3,023	0	3,023	100		4	2	2	10	6
7	Kashishi	27	*Bulela*	4,294	7,345	4	Scattered	A	P	Igomber		0	750	3,544	4,294	0		0	4,294	100	0																											
		28	*Busondi*	4,065	6,953	4	Clustered	A	A	Igomber		0	500	3,565	4,065	0		0	4,065	100	0																											
		29	*Ilege*	10,932	18,698	8	Clustered	A	P	Igomber		0	1,500	0	1,500	0		0	1,500	14	0	18,698	479	0	0			0	479	2	2	2	0	479	0	479	479	100	1,979	0	1,979	100		3	2	3	10	6
		30	Iyombo	2,673	4,572	5	Scattered	A				0	1,000	0	1,000	0		0	1,000	37	0	4,572	3,572	0	0			0	3,572	15	15	0	15	0	3,572	3,572	3,572	100	4,572	0	4,572	100		2	2	3	9	7
		31	*Kagera*	2,870	4,909	5	Clustered	A	A	Igomber		0	500	0	500	0		0	500	17	0															0											
		32	Kashishi	6,090	10,416	7	Clustered	A				5,090	1,000	0	6,090	0		0	6,090	100	910	10,416	3,416	0	0				3,416	14	14	2	12	416	3,000	3,416	3,416	100	9,506	0	10,416	100		1	2	3	8	8
		33	King`wangoko	2,732	4,673	8	Scattered	A				0	2,000	250	2,250	0		0	2,250	82	0	4,673	2,423	0	0			0	2,423	10	10	0	10	0	2,423	2,423	2,423	100	4,673	0	4,673	100		1	2	3	8	8
		34	*Mgiri*	5,386	9,212	6	Scattered	A	P	Igomber		0	500	0	500	0		0	500	9	0	9,212	2,432	0	0			0	2,432	10	10	0	10	0	2,432	2,432	2,432	100	2,932	0	2,932	100		4	2	3	11	5
		35	*Mwendakulima*	5,972	10,215	5	Scattered	A	P	Igomber		0	2,750	0	2,750	0		0	2,750	46	0	10,215	1,826	0	0			0	1,826	8	8	0	8	0	1,826	1,826	1,826	100	4,576	0	4,576	100		2	3	3	11	5
		36	Nyasa	3,355	5,739	4	Scattered	A				0	500	0	500	0		0	500	15	0	5,739	5,239	0	0			0	5,239	21	21	0	21	0	5,239	5,239	5,239	100	5,739	0	5,739	100		3	3	3	12	4
		37	Sasu	4,901	8,383	6	Clustered	A				0	1,750	0	1,750	0		0	1,750	36	0	8,383	6,633	0	0			0	6,633	27	11	1	10	250	2,500	2,750	2,750	42	4,500	3,883	8,383	100	PW	2	2	3	9	7
		38	Seleli	2,506	4,287	4	Scattered	A				0	1,500	0	1,500	0		0	1,500	60	0	4,287	2,787	0	0			0	2,787	12	12	1	11	37	2,750	2,787	2,787	100	4,287	0	4,287	100		1	3	3	10	6
8	Kazaroho	39	Igwisi	7,485	12,802	5	Clustered	A				0	0	0	0	0		0	0	0	0	12,802	12,802	0	0			0	12,802	52	52	2	50	302	12,500	12,802	12,802	100	12,802	0	12,802	100		4	2	3	11	5
		40	*Imalamihayo*	2,564	4,386	4	Clustered	A			WSDP	0	500	0	500	0		0	500	20	0																											
		41	Kazaroho	2,608	4,461	5	Scattered	a				0	0	0	0	0		0	0	0	0	4,461	4,461	0	0			0	4,461	18	18	2	16	461	4,000	4,461	4,461	100	4,461	0	4,461	100		4	2	2	10	6
		42	Mpanda Mlowoka	7,786	13,317	4	Linear	a				0	0	0	0	0		0	0	0	0	13,317	13,317	0	0			0	13,317	54	54	0	54	0	13,317	13,317	13,317	100	13,317	0	13,317	100		4	2	2	10	6
		43	Ndolobo	3,642	6,230	2	Scattered	a				0	0	0	0	0		0	0	0	0	6,230	6,230	0	0			0	6,230	25	25	0	25	0	6,230	6,230	6,230	100	6,230	0	6,230	100		4	2	2	10	6
		44	Nsimbo	1,773	3,033	6	Scattered	a				0	0	0	0	0		0	0	0	0	3,033	3,033	0	0			0	3,033	13	13	0	13	0	3,033	3,033	3,033	100	3,033	0	3,033	100		4	2	2	10	6
		45	Usangi	5,439	9,303	5	Clustered	a				0	0	0	0	0		0	0	0	0	9,303	9,303	0	0			0	9,303	38	20	0	20	0	5,000	5,000	5,000	54	5,000	4,303	9,303	100	PW	4	2	2	10	6
		46	Usimba	5,673	9,703	4	Scattered	A				0	750	0	750	0		0	750	13	0	9,703	8,953	0	0			0	8,953	36	36	1	35	203	8,750	8,953	8,953	100	9,703	0	9,703	100		3	2	3	10	6
9	Kiloleni	47	Kalembela	3,131	5,356	4	Scattered	A				0	250	0	250	0		0	250	8	0	5,356	5,106	0	0			0	5,106	21	21	0	21	0	5,106	5,106	5,106	100	5,356	0	5,356	100		4	4	3	15	1
		48	Kiloleni	1,653	2,828	4	Scattered	A				0	0	0	0	0		0	0	0	0	2,828	2,828	0	0			0	2,828	12	12	2	10	328	2,500	2,828	2,828	100	2,828	0	2,828	100		4	4	3	15	1
		49	Kinhwa	1,376	2,354	3	Clustered	A				0	0	0	0	0		0	0	0	0	2,354	2,354	0	0			0	2,354	10	10	1	9	104	2,250	2,354	2,354	100	2,354	0	2,354	100		4	2	3	11	5
10	Muungano	50	*Kalemela A*	4,758	8,138	6	Mixed	A			WSDP	0	1,500	0	1,500	0		0	1,500	32	0																											
		51	*Kalemela B*	4,515	7,723	4	Mixed	A			WSDP	0	750	0	750	0		0	750	17	0																											
		52	Muungano	5,604	9,585	6	Scattered	A				0	750	0	750	0		0	750	13	0	9,585	8,835	0	0			0	8,835	36	36	7	29	1,585	7,250	8,835	8,835	100	9,585	0	9,585	100		3	2	3	10	6
11	Mwongozo	53	Ibambo	3,832	6,555	7	Mixed	a				0	0	750	750	0		0	750	20	0	6,555	5,805	0	0			0	5,805	24	24	1	23	55	5,750	5,805	5,805	100	6,555	0	6,555	100		3	2	2	9	7
		54	Kanoge	3,375	5,773	5	Linear	A				0	250	0	250	0		0	250	7	0	5,773	5,523	0	0			0	5,523	23	17	0	17	0	4,250	4,250	4,250	77	4,500	1,273	5,773	100	PW	4	2	3	11	5
		55	Mwongozo	3,123	5,342	5	Mixed	A				0	500	0	500	0		0	500	16	0	5,342	4,842	0	0			0	4,842	20	20	2	18	342	4,500	4,842	4,842	100	5,342	0	5,342	100		3	2	3	10	6
12	Songambele	56	*Igengensabo*	1,416	2,422	3	Scattered	A	A	Ulyankulu		0	250	0	250	0		0	250	18	0																											
		57	Igunguli	8,426	14,412	6	Scattered	A				0	1,000	0	1,000	0		0	1,000	12	0	14,412	13,412	0	0			0	13,412	54	54	2	52	412	13,000	13,412	13,412	100	14,412	0	14,412	100		3	2	3	10	6
		58	Jionee mwenyewe	7,119	12,176	3	Mixed	A				0	1,000	0	1,000	0		0	1,000	14	0	12,176	11,176	0	0			0	11,176	45	45	0	45	0	11,176	11,176	11,176	100	12,176	0	12,176	100		3	3	3	12	4
		59	*Milambo*	1,854	3,171	4	Scattered	A	A	Ulyankulu		0	250	0	250	0		0	250	13	0																											
		60	*Mlangane*	3,882	6,640	4	Scattered	A	A	Ulyankulu		0	1,500	0	1,500	0		0	1,500	39	0																											
		61	Songambele	3,856	6,596	7	Scattered	A				0	1,250	0	1,250	0		0	1,250	32	0	6,596	5,346	0	0			0	5,346	22	22	3	19	596	4,750	5,346	5,346	100	6,596	0	6,596	100		2	4	3	13	3
		62	*Unzali*	2,218	3,794	4	Scattered	a	A	Ulyankulu		0	0	0	0	0		0	0	0	0																											
		63	*Uyogo*	6,579	11,253	4	Scattered	A			WSDP	0	1,750	0	1,750	0		0	1,750	27	0																											
13	Ugunga	64	Limbula	2,702	4,622	5	Scattered	A				0	500	0	500	0		0	500	19	0	4,622	4,122	0	0			0	4,122	17	17	0	17	0	4,122	4,122	4,122	100	4,622	0	4,622	100		3	2	3	10	6
		65	*Tuombe Mungu*	5,619	9,611	8	Mixed	A			WSDP	0	500	0	500	0		0	500	9	0																											
		66	Ugunga	950	1,625	2	Clustered	A				0	250	500	750	0		0	750	79	0	1,625	875	0	0			0	875	4	4	1	3	125	750	875	875	0	1,625	0	1,625	100		1	2	3	8	8
14	Ukondamoyo	67	Ifuta	1,961	3,354	5	Mixed	A				0	500	0	500	0		0	500	25	0	3,354	2,854	0	0			0	2,854	12	12	0	12	0	2,854	2,854	2,854	100	3,354	0	3,354	100		3	3	3	12	4
		68	Kamalendi	2,580	4,413	6	Mixed	a				0	0	0	0	0		0	0	0	0	4,413	4,413	0	0			0	4,413	18	18	0	18	0	4,413	4,413	4,413	100	4,413	0	4,413	100		4	3	2	12	4
		69	Tumaini	2,794	4,779	7	Mixed	A				0	0	0	0	2,587		2,587	2,587	93	1838	4,779	2,192	0	0			0	2,192	9	9	1	8	192	2,000	2,192	2,192	100	4,779	0	6,617	100		1	3	3	10	6
		70	*Ukondamoyo*	3,865	6,611	8	Scattered	A			WSDP	2,706	250	0	2,956	0		0	2,956	76	0																											
15	Ukumbisiganga	71	Kangeme	5,670	9,698	5	Mixed	A				0	0	0	0	0		0	0	0	0	9,698	9,698	0	0			0	9,698	39	39	3	36	698	9,000	9,698	9,698	100	9,698	0	9,698	100		4	2	3	11	5
		72	Lumbe	3,779	6,464	3	Scattered	A				0	750	0	750	0		0	750	20	0	6,464	5,714	0	0			0	5,714	23	23	2	21	464	5,250	5,714	5,714	100	6,464	0	6,464	100		3	2	3	10	6
		73	Ukumbi Kakoko	387	662	2	Other	a				0	0	0	0	0		0	0	0	0	662	662	0	0			0	662	3	3	2	1	412	250	662	662	100	662	0	662	100		4	2	2	10	6
		74	Ukumbisiganga	4,539	7,764	4	Scattered	A				0	750	0	750	0		0	750	17	0	7,764	7,014	0	0			0	7,014	29	29	2	27	264	6,750	7,014	7,014	100	7,764	0	7,764	100		3	2	3	10	6
		75	Usinga	543	929	2	Scattered	A				0	250	0	250	0		0	250	46	0	929	679	0	0			0	679	3	3	3	0	679	0	679	679	100	929	0	929	100		2	2	3	9	7
		76	Zugimole	18,000	30,787	5	Scattered	a				0	0	0	0	0		0	0	0	0	30,787	30,787	0	0			0	30,787	124	20.00	0	20	0	5,000	5,000	5,000	16	5,000	25,787	30,787	100	PW,RH	4	4	2	14	2
16	Urambo	77	*Urambo Kati*	9,882	16,902	3	Concentrated	A			WSDP	1,977	250	0	2,227	0		0	2,227	23	0																											
		78	*Urambo Kusini*	9,998	17,100	4	Concentrated	a			WSDP	2,000	0	0	2,000	0		0	2,000	20	0																											
		79	*Urambo Magharibi*	6,463	11,054	4	Concentrated	A			WSDP	1,293	0	0	1,293	0		0	1,293	20	0																											
		80	*Urambo Mashariki*	8,921	15,258	4	Concentrated	A			WSDP	1,785	250	0	2,035	0		0	2,035	23	0																											

Note:

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- a : Water quality, satisfies the Guideline and Standard evaluated by existing data
- N : Water quality, not satisfies the Guideline and Standard confirmed by the Study
- n : Water quality, not satisfies the Guideline and Standard evaluated by existing data

Forest reserve
- A: Whole village is in the Forest Reserve.
- P: Part of village is in the Forest Reserve.

Alternative water source
- PW: Protected well
- RW: Rain water harvesting

Priority
- Priority-1
- Priority-2

Symbols in Sr. No. of Level-2
- N:

Table 6.6 Rural Water Supply Plan and Evaluation of Village for Priority Project（Urambo District）(2/2)

Urambo District

Ward No.	Ward	Village No.	Village	Population (2009)	Population (2020)	No. of sub-village	Dwelling type	Water Quality	Forest Reserve			Intervention	Exsiting condition (November 2009): Population served by existing protected sources: Level-2	Level-1	Others	Total	Population served by planned project: Level-2	Level-1	Total	Population served by existing schems and planned schemes	Coverage (%)	Increasing of service population	Water Supply Plan: Target Pop.: Whole Village	Target of Water supply Plan	Level-2: New Scheme	Rehabilitation	Serial No.	Water source	Total	Level-1: Population to be served	Ncessary No	Exploitable No.	Rehabilitation	New well	Service Pop. by Rehab.	Service Pop. by New well	Total	Total Population Served by Level-2 & 1	Coverage (%)	Total Pop. Served by Level-1,Level-2 and existing scheme	Population To be served by other sources	Total Population Served	Total Coverage (%)	Alternative water source	Evaluation of Priority: Water supply coverage	Groundwter potential	Water quality	Total	Priority
17	Ushokola	81	Imalaupina	5,075	8,680	6	Scattered	a					0	0	0	0	0		0	0	0	0	8,680	8,680	0	0			0	8,680	35	27	3	24	750	6,000	6,750	6,750	78	6,750	1,930	8,680	100	PW,RH	4	2	2	10	6
		82	Isanjandugu	2,730	4,670	4	Mixed	A					0	250	0	250	0		0	250	9	0	4,670	4,420	0	0			0	4,420	18	10	0	10	0	2,500	2,500	2,500	57	2,750	1,920	4,670	100	PW,RH	4	3	3	13	3
		83	Pozamoyo	710	1,215	4	Scattered	A					0	500	750	1,250	0		0	710	100	0	1,215	505	0	0			0	505	3	3	2	1	255	250	505	505	100	1,215	0	1,215	100		1	4	3	12	4
		84	*Ushokola*	2,393	4,093	5	Mixed	A				WSDP	0	250	0	250	0		0	250	10	0																											
		85	Usindi	2,392	4,092	4	Mixed	A					0	250	0	250	0		0	250	10	0	4,092	3,842	0	0			0	3,842	16	16	0	16	0	3,842	3,842	3,842	100	4,092	0	4,092	100		3	2	3	10	6
18	Usinge	86	Kombe	3,950	6,756	3	Scattered	A					0	500	0	500	0		0	500	13	0	6,756	6,256	0	0			0	6,256	26	26	1	25	6	6,250	6,256	6,256	100	6,756	0	6,756	100		3	2	3	10	6
		87	Luganjo	1,935	3,310	3	Scattered	A					0	250	0	250	0		0	250	13	0	3,310	3,060	0	0			0	3,060	13	13	0	13	0	3,060	3,060	3,060	100	3,310	0	3,310	100		3	2	3	10	6
		88	Mabona	1,680	2,874	5	Mixed	a					0	0	0	0	0		0	0	0	0	2,874	2,874	0	0			0	2,874	12	12	0	12	0	2,874	2,874	2,874	100	2,874	0	2,874	100		4	2	2	10	6
		89	Shelia	3,173	5,427	3	Scattered	a					0	0	0	0	0		0	0	0	0	5,427	5,427	0	0			0	5,427	22	22	0	22	0	5,427	5,427	5,427	100	5,427	0	5,427	100		4	2	2	10	6
		90	Usinge	13,515	23,116	10	Scattered	A					0	500	0	500	0		0	500	4	0	23,116	22,616	0	0			0	22,616	91	34	6	28	1,500	7,000	8,500	8,500	38	9,000	14,116	23,116	100	PW,RH	4	2	3	11	5
19	Usisya	91	Katungulu	3,312	5,665	4	Linear	a					0	0	0	0	0		0	0	0	0	5,665	5,665	0	0			0	5,665	23	23	1	22	165	5,500	5,665	5,665	100	5,665	0	5,665	100		4	2	2	10	6
		92	Mabunduku	2,335	3,994	4	Clustered	a					0	0	0	0	0		0	0	0	0	3,994	3,994	2,796	0	URN-3	GW	2,796	1,198	5	5	4	1	948	250	1,198	3,994	100	3,994	0	3,994	100		4	4	2	14	2
		93	Sipungu	2,086	3,568	4	Clustered	a					0	0	0	0	0		0	0	0	0	3,568	3,568	2,498	0	URN-4	GW	2,498	1,070	5	5	0	5	0	1,070	1,070	3,568	100	3,568	0	3,568	100		4	4	2	14	2
		94	*Usisya*	2,078	3,555	3	Scattered	a				WSDP	1	0	0	1	5		5	6	0	0																											
20	Ussoke	95	Itegamatwi	1,813	3,101	5	Scattered	A					0	250	0	250	0		0	250	14	0	3,101	2,851	0	0			0	2,851	12	12	0	12	0	2,851	2,851	2,851	100	3,101	0	3,101	100		3	2	3	10	6
		96	Usongelani	635	1,087	3	Mixed	a					0	0	0	0	0		0	0	0	0	1,087	1,087	0	0			0	1,087	5	5	1	4	87	1,000	1,087	1,087	100	1,087	0	1,087	100		4	4	2	14	2
		97	*Ussoke*	6,648	11,371	7	Linear	A				WSDP	4,654	250	0	4,904	0		0	4,904	74	0																											
21	Uyowa	98	Mwendakulima	2,208	3,777	5	Scattered	A					0	250	0	250	0		0	250	11	0	3,777	3,527	0	0			0	3,527	15	10	1	9	250	2,250	2,500	2,500	71	2,750	1,027	3,777	100		3	2	3	10	6
		99	Nsungwa	6,911	11,821	4	Mixed	A					0	250	0	250	0		0	250	4	0	11,821	11,571	0	0			0	11,571	47	8	1	7	250	1,750	2,000	2,000	17	2,250	9,571	11,821	100		4	4	3	15	1
		100	Songambele	5,409	9,252	4	Mixed	A					0	500	0	500	0		0	500	9	0	9,252	8,752	0	0			0	8,752	36	8	0	8	0	2,000	2,000	2,000	23	2,500	6,752	9,252	100		4	2	3	11	5
		101	*Uhindini*	2,259	3,864	4	Scattered	A				WSDP	0	500	0	500	0		0	500	22	0																											
22	Uyumbu	102	*Isongwa*	3,360	5,747	7	Scattered	a				W. Aid, Africare	0	0	0	0	0	5	1,250	1,250	37	0																											
		103	*Izengabatogilwe*	2,988	5,111	5	Scattered	a				W. Aid, Africare	0	0	0	0	0	5	1,250	1,250	42	0																											
		104	*Izimbili*	3,719	6,361	6	Scattered	a				WSDP, W. Aid	0	0	0	0	0	7	1,750	1,750	47	0																											
		105	Nsogoko	2,288	3,914	5	Scattered	A					0	1,000	0	1,000	0	1	250	1,250	55	0	3,914	2,664	0	0			0	2,664	11	11	0	11	0	2,664	2,664	2,664	100	3,914	0	3,914	100		1	2	3	8	8
		106	Usoke Mlimani	2,495	4,268	7	Scattered	A					1,399	1,500	0	2,899	0		0	2,495	100	0	4,268	1,773	0	0			0	1,773	8	8	2	6	273	1,500	1,773	1,773	100	4,268	0	4,268	100		1	2	3	8	8
		107	Yelayela	1,536	2,628	4	Mixed	A					0	500	0	500	0		0	500	33	0	2,628	2,128	0	0			0	2,128	9	9	0	9	0	2,128	2,128	2,128	100	2,628	0	2,628	100		2	2	3	9	7
23	Vumilia	108	Chekeleni	360	616	2	Scattered	a					0	0	0	0	0		0	0	0	0	616	616	0	0			0	616	3	3	0	3	0	616	616	616	100	616	0	616	100		4	3	2	12	4
		109	Motomoto	3,455	5,910	3	Scattered	a					0	0	0	0	0		0	0	0	0	5,910	5,910	0	0			0	5,910	24	24	0	24	0	5,910	5,910	5,910	100	5,910	0	5,910	100		4	2	2	10	6
		110	Nkokoto	2,287	3,912	4	Scattered	A					0	500	0	500	0		0	500	22	0	3,912	3,412	0	0			0	3,412	14	14	0	14	0	3,412	3,412	3,412	100	3,912	0	3,912	100		3	2	3	10	6
		111	Uhuru	1,485	2,540	4	Linear	A					0	0	0	0	0		0	0	0	0	2,540	2,540	0	0			0	2,540	11	11	0	11	0	2,540	2,540	2,540	100	2,540	0	2,540	100		4	2	3	11	5
		112	*Vumilia*	2,207	3,775	3	Clustered	A				WSDP	0	500	0	500	0		0	500	23																											
Total				435,277	744,528								20,905	45,000	10,109	76,014	2,592	18	7,092	82,162	19	2,748	521,301	449,121	10,794	0	–	–	10,794	438,327	1,798	1,447	79	1,368	15,446	337,760	353,206	364,000	81	406,632	85,121	494,501							

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Priority
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Symbols in Sr. No. of Level-2
- N:

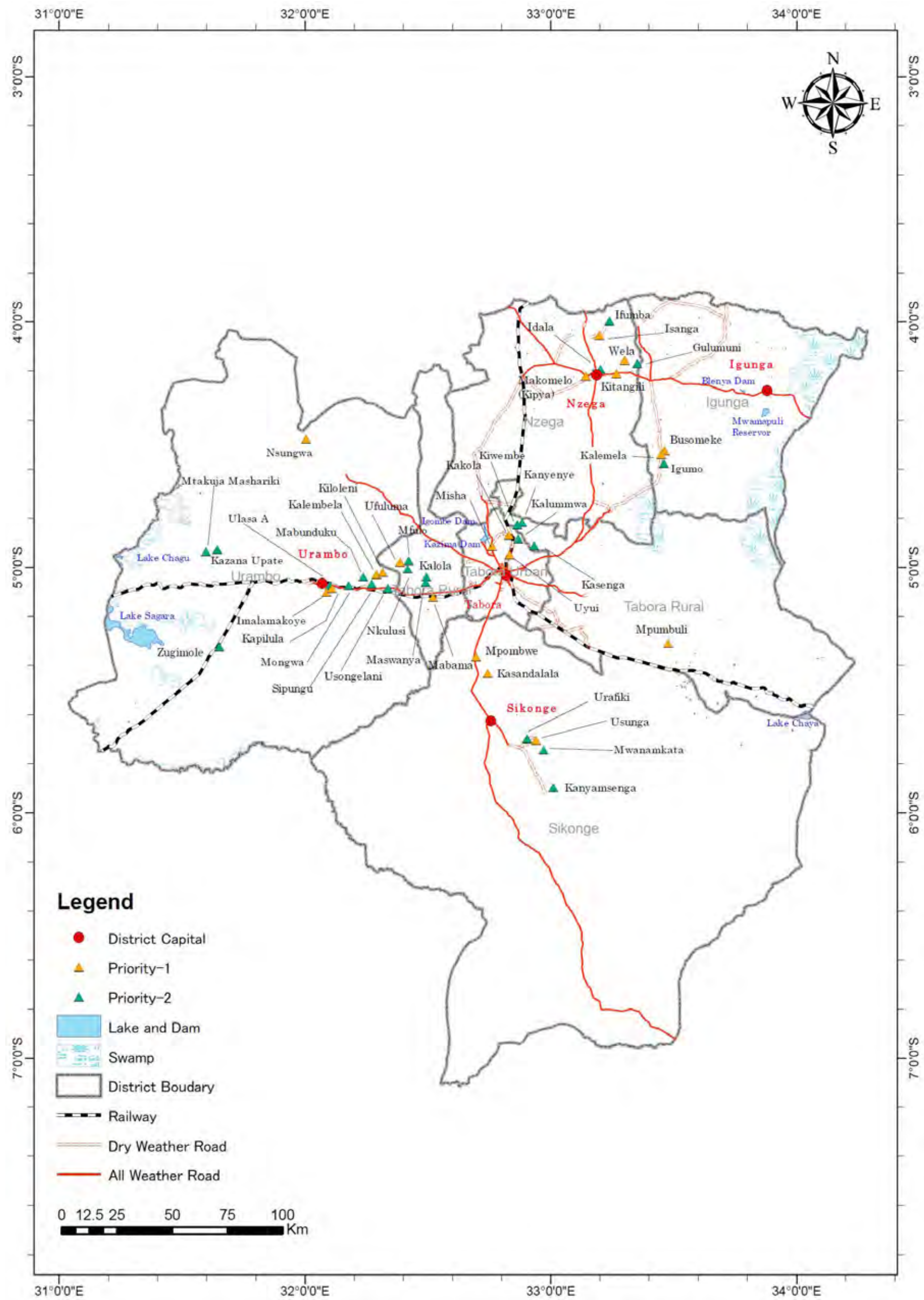

FIGURE 6.7 LOCATION OF CANDIDATE VILLAGES FOR PRIORITY PROJECT

CHAPTER 10 SOCIO-ECONOMY IN TARGET VILLAGES OF PRIORITY PROJECT

Table 10.1 Results of Detailed Socio-Economic Survey in Priority Villages

No.	Village Information															Economic Activities				Health and Education					Priority for Water		Current Water Situation			Operation and Maintenance			Number of Livestock (mean no.)		
	District	Ward	Village Code	Village	No. of sub-village	GPS			Population (2009)	Population (2020)	Water Demand (2020) Unit:m^3	No of H/H	Average family member	Dwelling type	Distance to the city (km)	Transportation to the city	Economic Activities		Average Annual Income (Shilling)	Average Annual Expenditure (Shilling)	Availability of health facility	Common Illnesses		Toilet Facility	Education Facility	Concerned Sector in the villages		Fetching Time (Minutes)		Water Source	Water Management committee	Remaining Balance (Tsh)	Water Charge	Cattle	Goat	Sheep
						South	East	Altitude (m)									Prime	Secondary				Rainy Season	Dry Season					Rainy season	Dry season							
1	Igg	16 Mwisi	Igg-58	Busomeke	7	4.52390	33.46156	1,270	3,618	5,227	189	dna	5	Scattered	45	minibus	Agriculture	Retail	150,000-200,000	150,000	None	Malaria,Dysentery,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,None	Primary School	Water	Health	15	45	Unprotected Spring	VWC	18,000	–	12	10	3
2	Igg	16 Mwisi	Igg-60	Kalemela	5	4.53882	33.44993	1,267	2,429	3,629	132	227	10	Clustered	94	minibus	Agriculture	Livestock Keeping	150,000-200,000	150,000	None	Diarrhea,Dysentery,Malaria	Respiratory Diseases,Malaria	Traditional Pit ,None	Primary School	Water	Health	15	100	Unprotected S/Well, Protected S/Well with Bucket	VWC	–	–	10	7	0
3	Nzg	4 Ijanija	Nzg-11	Makomelo	6	4.22086	33.14367	1,214	1,005	1,319	33	214	5	Mixed	5	Bicycle	Agriculture	Casual Work	60,000-100,000	30,000	None	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary School	Water	Health	30	150	Unprotected S/Well	–	–	–	9	6	1
4	Nzg	13 Lusu	Nzg-47	Isanga	4	4.26982	33.28951	1,203	9,084	11,919	391	dna	12	Linear	27	Bicycle	Agriculture	Livestock Keeping	150,000-200,000	60,000	None	Diarrhea,Dysentery,Typhoid	Malaria,Respiratory Diseases,Diarrhea0	None	Primary School	Water	Health	90	90	Dam/Pond, Borehole with HP	WUG	–	1000Tsh/Month	16	9	2
5	Nzg	17 Miguwa	Nzg-68	Kiitangili	7	4.20975	33.26771	1,203	2,664	3,584	118	513	5	Mixed	7	Bicycle	Agriculture	Livestock Keeping	60,000-100,000	25,000	None	Diarrhea	Diarrhea0	Traditional Pit	Primary School	Water	Health	30	150	Unprotected S/Well, Protected S/Well with HP	–	–	–	6	8	2
6	Nzg	36 Wela	Nzg-152	Wela	6	4.15505	33.30120	1,224	1,753	2,358	78	347	5	Clustered	19	Bicycle	Agriculture	Livestock Keeping	100,000-150,000	30,000	None	Diarrhea,Diarrhea0	Dysentery,Malaria	Traditional Pit	Secondary School	Water	Health	20	80	Dam/Pond	–	–	–	8	7	1
7	Skg	2 Igigwa	Skg-7	Kasandalala	5	5.43002	32.74363	1,101	2,282	3,332	84	282	8	Scattered	22	motor cycle	Agriculture	None	30,000-60,000	30,000	None	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary School	Water	Health	20	40	Dam/Pond, Protected Spring	WUA	–	–	3	0	0
8	Skg	6 Kipanga	Skg-28	Usunga	4	5.70395	35.94035	1,166	1,894	2,766	70	421	4	Linear	38	minibus	Agriculture	Livestock Keeping	150,000-200,000	135,000	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary School, Secondary School	Water	Health	20	90	Unprotected Shallow Well	VWC	2,100,000	–	13	5	0
9	Skg	9 Pangale		Mpombwe	4	5.36379	32.69624	1,134	3,435	5,015	126	497	7	Mixed	30	car	Agriculture	None	60,000-100,000	40,000	Dispensary	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary School	Water	Health	20	25	Protected Spring	VWC	–	–	0	1	0
10	Tbr	8 Kizengi	Tbr-54	Mpumbuli	5	5.30936	33.47819	1,163	1,820	2,658	67	410	4	Clustered	90	minibus	Agriculture	Livestock Keeping	150,000-200,000	180,000	None	Diarrhea,Malaria	Malaria,Respiratory Diseases	Traditional Pit	Primary School	Water	Health	15	35	Unprotected Shallow Well	VWC	–	–	52	13	6
11	Tbr	11 Mabama	Tbr-69	Mabama	6	5.10178	32.57158	1,164	4,329	7,008	256	721	5	Clustered	30	car	Agriculture	None	150,000-200,000	120,000	Dispensary	Diarrhea,Malaria	Diarrhea,Malaria	Traditional Pit	Primary School, Secondary School	Water	Health	20	45	Protected Spring	WUA	–	–	1	3	0
12	Tbr	15 Ufuluma	Tbr-98	Ufuluma	4	4.97793	32.38656	1,228	5,741	8,676	317	566	10	Mixed	64	Bicycle	Agriculture	Retail	150,000-200,000	140,000	Dispensary	Diarrhea,Dysentery,Malaria	Diarrhea,Malaria,Respiratory Diseases	Traditional Pit	Primary School	Water	Health	20	35	Unprotected Shallow Well	VWC	79,000	–	10	6	1
13	Tbu	3 Kakola	Tbu-8	Kakola	3	4.52128	32.49485	1,190	2,015	3,483	88	330	6	Clustered	18	Bicycle	Agriculture	Retail	150,000-200,000	145,000	None	Diarrhea,Malaria	Malaria	Traditional Pit	Primary School	Water	Health	10	50	Dam/Pond	–	–	–	10	3	0
14	Tbu	5 Misha	Tbu-17	Misha	2	4.91286	32.76144	1,143	759	1,451	63	172	4	Linear	15	Bicycle	Agriculture	Livestock Keeping	150,000-200,000	135,000	None	Typhoid,Malaria	Malaria	Traditional Pit	Primary School, Secondary School	Water	Health	15	40	Unprotected Shallow Well	VWC	–	–	13	5	1
15	Tbu	8 Uyui	Tbu-24	Uyui	8	4.94857	32.83261	1,199	3,138	5,424	136	dna	6	Mixed	8	Bicycle	Agriculture	Livestock Keeping	60,000-100,000	100,000	Dispensary	Malaria,Diarrhea	Malaria	Traditional Pit	Primary School, Secondary School	Water	Health	30	60	Dam/Pond	VWC	2,552,000	–	2	4	2
16	Urb	3 Imalamakoye	Urb-12	Imalamakoye	4	5.09983	32.08697	1,110	2,509	5,752	246	359	5	Scattered	5	motor cycle	Agriculture	Retail	300,000-500,000	300,000	None	Dysentery,Malaria,Diarrhea	Malaria,Respiratory Diseases	Traditional Pit ,V. .I. P	Primary School	Water	Health	7	30	Dam/Pond	VWC	–	25Tsh/Bucket	11	4	0
17	Urb	6 Kapilula	Urb-24	Kapilula	3	5.08559	32.10851	1,131	1,568	3,106	133	257	5	Scattered	3	Bicycle	Agriculture	None	200,000-300,000	210,000	None	Malaria	Respiratory Diseases,Malaria	Traditional Pit	Primary School, Secondary School	Water	Health	50	80	Unprotected Spring	VWC	–	–	3	2	1
18	Urb	9 Kiloleni	Urb-47	Kalembela	4	5.02811	32.29086	1,152	3,131	5,624	241	515	6	Scattered	20	Bicycle	Agriculture	None	200,000-300,000	300,000	None	Diarrhea,Typhoid,Malaria	Respiratory Diseases,Diarrhea0	Traditional Pit	Primary School	Water	Health /Road	7	15	Dam/Pond	–	–	–	21	6	2
19	Urb	9 Kiloleni	Urb-48	Kiloleni	4	5.01940	32.31647	1,171	1,653	2,970	127	262	6	Scattered	27	Bicycle	Agriculture	Retail	150,000-200,000	130,000	None	Diarrhea,Malaria,Respiratory Diseases	Respiratory Diseases	None	Primary School, Secondary School	Water	Health	10	25	Dam/Pond	VWC	300,000	–	4	2	0
20	Urb	21 Uyowa	Urb-99	Nsungwa	4	4.47527	32.00428	1,137	6,911	13,033	558	845	7	Mixed	20	Bicycle	Agriculture	Livestock Keeping	300,000-500,000	246,000	Dispensary	Malaria,Diarrhea	Respiratory Diseases,Malaria	Traditional Pit ,None	Primary School	Water	Health	25	70	Dam/Pond	VWC	–	–	20	7	0

* Some data are collected in the socio-economic survey (2009)