village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Miruhi	30	33.7	33.7	33.7
	Barikiwa	30	33.7	33.7	67.4
	Kikulyango	29	32.6	32.6	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

Ward [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Miruhi	30	33.7	33.7	33.7
	Barikiwa	30	33.7	33.7	67.4
	Mkutano	29	32.6	32.6	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

Division [a]

	Kibutuko	30	33.7	33.7	33.7
	Makata	59	66.3	66.3	100.0
		89	100.0	100.0	

Region [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Lindi	89	100.0	100.0	100.0

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN1: Age

N	Valid	88
	Missing	1
Mean		37.5682
Mode		30.00
Std. Deviation		13.1191
Minimum		18.00
Maximum		80.00

a. WMAPILOTS = Liwale Pilot WMA

Age categorized [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 - 18	1	1.1	1.1	1.1
	19 - 35	46	51.7	51.7	52.8
	36 - 45	21	23.6	23.6	76.4
	46 - 64	16	18.0	18.0	94.4
	65 and above	5	5.6	5.6	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

QN2: Sex of Household Head [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	86	96.6	96.6	96.6
	Female	3	3.4	3.4	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN41A: Number of Adult - Above 15 years:Male

N	Valid	86
	Missing	3
Mean		1.5349
Mode		1.00
Std. Deviation		1.1029
Minimum		1.00
Maximum		5.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN41B: Number of Adult- Above 15 years:Female

N	Valid	85
	Missing	4
Mean		1.8118
Mode		1.00
Std. Deviation		1.3047
Minimum		1.00
Maximum		7.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN42A: Number of children (0 -14): Boys

N	Valid	70
	Missing	19
Mean		2.2143
Mode		1.00
Std. Deviation		1.3820
Minimum		1.00
Maximum		7.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN42B: Number of children (0 -14): Girls

N	Valid	77
	Missing	12
Mean		2.2597
Mode		1.00
Std. Deviation		1.4546
Minimum		1.00
Maximum		8.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN43A: Number of older (61+): Male

N	Valid	14
	Missing	75
		1.0714
		1.00
		.2673
		1.00
		2.00

Statistics [a]

QN43B: Number of older (61+): Female

N	Valid	16
	Missing	73
Mean		1.3750
Mode		1.00
Std. Deviation		1.2583
Minimum		1.00
Maximum		6.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN44: House Hold Size

N	Valid	89
	Missing	0
Mean		7.1124
Mode		7.00
Std. Deviation		3.5880
Minimum		2.00
Maximum		18.00

a. WMAPILOTS = Liwale Pilot WMA

QN5: Level of education of the Household head [a]

None	12	13.5	13.6	13.6
Primary incomplete	5	5.6	5.7	19.3
Primary compete	63	70.8	71.6	90.9
	2	2.2	2.3	93.2
	1	1.1	1.1	94.3
	1	1.1	1.1	95.5
	1	1.1	1.1	96.6
	3	3.4	3.4	100.0
	88	98.9	100.0	
	1	1.1		
	89	100.0		

QN6: Occupation of Head of Household [a]

		Freguency	Percent	Valid Percent	Cumulative Percent
Valid	Farmer	82	92.1	92.1	92.1
	permanent employee	1	1.1	1.1	93.3
	Preacher	1	1.1	1.1	94.4
	Carpentry	1	1.1	1.1	95.5
	Bee keeper	1	1.1	1.1	96.6
	Farmer/Business	3	3.3	3.3	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

QN91: Factors influenced movement to this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Villagilazation	8	3.0	32.0	32.0
	Farming	7	2.6	28.0	60.0
	goodclimate	1	.4	4.0	64.0
	employment	2	.7	8.0	72.0
	marriage	1	.4	4.0	76.0
	follow relatives	1	.4	4.0	80.0
	Death fo parents	1	.4	4.0	84.0
	Drought	1	.4	4.0	88.0
	Bee keeping	2	.7	8.0	96.0
	Home land	1	.4	4.0	100.0
	Total	25	9.4	100.0	
Missing	99.00	242	90.6		
Total		267	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN10: Are there people from your household who have mo1(e)-21( )-6-68(h)33(a)-21(v)-21(e)-

Statistics [b]

QN111A: what is the age of the moved relative

N	Valid	24
	Missing	332
Mean		23.2083
Mode		5.00[a]
Std. Deviation		11.5720
Minimum		5.00
Maximum		45.00

a. Multiple modes exist. The smallest value is shown

b. Wildlife Management Area = Liwale Pilot WMA

QN111B: What is the sex of the moved relative [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	14	3.9	58.3	58.3
	Female	10	2.8	41.7	100.0
	Total	24	6.7	100.0	
Missing	99.00	332	93.3		
Total		356	100.0		

a. Wildlife Management Area = Liwale Pilot WMA

QN111C: What is the reason for moving to this village [a]

5	1.4	20.8	20.8
7	2.0	29.2	50.0
2	.6	8.3	58.3
2	.6	8.3	66.7
4	1.1	16.7	83.3
1	.3	4.2	87.5
3	.8	12.5	100.0
24	6.7	100.0	
332	93.3		
356	100.0		

QN121: Factors influenced movement to that village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Scacity of land	1	.4	5.9	5.9
	Drought	4	1.5	23.5	29.4
	marriage	1	.4	5.9	35.3
	Employment	2	.7	11.8	47.1
	No employment	1	.4	5.9	52.9
	diseases	2	.7	11.8	64.7
	Villagelization	4	1.5	23.5	88.2
	Game reserve	1	.4	5.9	94.1
	Home land	1	.4	5.9	100.0
	Total	17	6.4	100.0	
Missing	99.00	250	93.6		
Total		267	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN13: Are there people from your household move in to this village?

Statistics [b]

QN141A: what is the age of the moved relative

N	Valid	8
	Missing	348
Mean		22.7500
Mode		22.00[a]
Std. Deviation		8.4473
Minimum		7.00
Maximum		38.00

Multiple modes exist. The smallest value is shown

QN141B: What is the sex of the moved relative [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	2	.6	22.2	22.2
	Female	7	2.0	77.8	100.0
	Total	9	2.5	100.0	
Missing	99.00	347	97.5		
Total		356	100.0		

a. Wildlife Management Area = Liwale Pilot WMA

QN141C: What is the reason for moving [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Scacity of pasture land	1	.3	12.5	12.5
	Marriage	6	1.7	75.0	87.5
	Follow relatives	1	.3	12.5	100.0
	Total	8	2.2	100.0	
Missing	99.00	348	97.8		
Total		356	100.0		

a. Wildlife Management Area = Liwale Pilot WMA

QN151A: Which source of water do you use during Wet season [a]

Private connection	1	.1	1.2	1.2
	34	4.8	40.0	41.2
	47	6.6	55.3	96.5
	3	.4	3.5	100.0
	85	11.9	100.0	
	627	88.1		
	712	100.0		

QN151B:Which source of water do you use during Dry season [a]

Own source 6.2477 Tf358 2577(ε	1	.1	1.3	1.3
	46	6.5	60.5	61.8
	26	3.7	34.2	96.1
	3	.4	3.9	100.0
	76	10.7	100.0	
	636	89.3		
	712	100.0		

QN152C: Yard tap(shared connection): Amount paid per bucket (20L) [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN152D: Yard tap(shared connection): Amount of time spent collecting water (minutes) [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN154C: Village well: Amount paid per bucket [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	nothing paid	43	48.3	100.0	100.0
Missing	99.00	46	51.7		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN154D: Village well: Amount of time spent collecting water (minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	10	11.2	20.8	20.8
	Less than 30 min	10	11.2	20.8	41.7
	Less than 60 min	10	11.2	20.8	62.5
	More than 60 min	18	20.2	37.5	100.0
	Total	48	53.9	100.0	
Missing	99.00	41	46.1		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN155B: Which source of water do you use during Dry season [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN155C: Water vendor (tanker,handcart,.....):Amount paid per bucket [a]

		Frequency	Percent
Missing	99.00	89	100.0

QN156D: Rivers and streams:Amount of time spent on collecting water(minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	13	14.6	27.7	27.7
	Less than 30 min	11	12.4	23.4	51.1
	Less than 60 min	7	7.9	14.9	66.0
	More than 60 min	16	18.0	34.0	100.0
	Total	47	52.8	100.0	
Missing	99.00	42	47.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN157D: Spring:Amount of time spent on collecting water (minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	1	1.1	33.3	33.3
	More than 60 min	2	2.2	66.7	100.0
	Total	3	3.4	100.0	
Missing	99.00	86	96.6		
Total		89	100.0		

QN158D: Ponds and Dams sources: Amount of time spent on collecting water (minutes) [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN162C: Yard tap(shared connection): Dry season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN162D: Yard tap(shared connection): Availability from this source [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN163D: Own ource(Well, borehore……): [a]

Availability from this source

QN164B: Village well:Wet season, How long do you have to queue to get water [a]

QN164D: Village well:Availability from this source is [a]

Valid	Poor	17	19.1	35.4	35.4
	fair	26	29.2	54.2	89.6
	Good	5	5.6	10.4	100.0
	Total	48	53.9	100.0	
Missing	99.00	41	46.1		
Total		89	100.0		

QN165D: Water vendor(tanker, handcart,….): Availability from this source [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN166B: Rivers and streams:Wet season How long do you have to queue to get water [a]

19	21.3	47.5	47.5
4	4.5	10.0	57.5
7	7.9	17.5	75.0
10	11.2	25.0	100.0
40	44.9	100.0	
49	55.1		
89	100.0		

QN166D: Rivers and streams:Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	26	29.2	55.3	55.3
	fair	2	2.2	4.3	59.6
	Good	19	21.3	40.4	100.0
	Total	47	52.8	100.0	
Missing	99.00	42	47.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN167B: Spring:Wet season How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	1	1.1	100.0	100.0
Missing	99.0	88	98.9		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN167C: Spring:Dry season How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	More than 60 min	1	1.1	100.0	100.0
Missing	99.00	88	98.9		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN167D: Spring:Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	fair	1	1.1	100.0	100.0
Missing	99.00	88	98.9		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN168C: Ponds and Dams: Dry season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN168D: Ponds and Dams: Availability from this source [a]

		Frequency	Percent
Missing	99.00	89	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN17: What is the primary method do you use to treat your water? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	57	64.0	64.0	64.0
	Boiling	25	28.1	28.1	92.1
	Settling	1	1.1	1.1	93.3
	boiling/filtering	6	6.7	6.7	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

QN18: What types of toilets systems does this household usually use? [a]

	No facility	1	1.1	1.1	1.1
	Pit latrine	87	97.8	97.8	98.9
	[redacted]r9 QV W*nE	1	1.1	1.1	100.0
		89	100.0	100.0	

QN19: How does your household dispose off most its refuse? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Dumping in your neigbourhood	1	1.1	1.1	1.1
	Burning in your compound	4	4.5	4.5	5.6
	Burying in your compound	76	85.4	85.4	91.0
	Indiscriminate disposal	8	9.0	9.0	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

QN201: What source of energy do you use for cooking?: Firewood [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Firewood	89	25.0	100.0	100.0
Missing	99.00	267	75.0		
Total		356	100.0		

a. Wildlife Management Area = Liwale Pilot WMA

QN211: What natural resource products do you use in your household? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Building poles	26	6.6	14.6	14.6
	Thatching grass	49	12.5	27.5	42.1
	Game meat	56	14.3	31.5	73.6
	Medicinal plants	23	5.9	12.9	86.5
	Grazing grass	24	6.1	13.5	100.0
	Total	178	45.4	100.0	
Missing	99.000	214	54.6		
Total		392	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN221: How frequently do you use these resources: Building poles [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	1	1.1	1.2	1.2
	Monthly	4	4.5	4.7	5.8
	Annually	81	91.0	94.2	100.0
	Total	86	96.6	100.0	
Missing	99.00	3	3.4		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN224: How frequently do you use these resources: Medical plants [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Weekly	1	1.1	1.8	1.8
	Monthly	6	6.7	10.9	12.7
	Annually	48	53.9	87.3	100.0
	Total	55	61.8	100.0	
Missing	99.00	34	38.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN225: How frequently do you use these resources: Pottery soil [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Weekly	6	6.7	75.0	75.0
	Monthly	1	1.1	12.5	87.5
	Annually	1	1.1	12.5	100.0
	Total	8	9.0	100.0	
Missing	99.00	81	91.0		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN226: How frequently do you use these resources: Grazinggrass [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	5	5.6	100.0	100.0
Missing	99.00	84	94.4		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN227: How frequently do you use these resources: Others [a]

		Frequency	Percent		
Valid	Daily	2	2.2		9.1
	Weekly	1	1.1	4.5	13.6
	Monthly	4	4.5	18.2	31.8
	Annually	15	16.9	68.2	100.0
	Total	22	24.7	100.0	
Missing	99.00	67	75.3		
Total		89	100.0		

QN232: What is the availability of these resources currently: Thatching grass [a]

2	2.2	2.4	2.4
80	89.9	97.6	100.0
82	92.1	100.0	
7	7.9		

QN233: What is the availability of these resources currently: Game meat [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Low	78	87.6	91.8	91.8
	Medium	5	5.6	5.9	97.6
	Plenty	2	2.2	2.4	100.0
	Total	85	95.5	100.0	
Missing	99.00	4	4.5		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN234: What is the availability of these resources currently: Medical plants [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Medium	11	12.4	20.0	20.0
	Plenty	44	49.4	80.0	100.0
	Total	55	61.8	100.0	
Missing	99.00	34	38.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN237: What is the availability of these resources currently: Others [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Low	1	1.1	4.3	4.3
	Plenty	22	24.7	95.7	100.0
	Total	23	25.8	100.0	
Missing	99.00	66	74.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN241: What productive activites do you engage during dry season: Priority 1 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	69	77.5	84.1	84.1
	food crop production	3	3.4	3.7	87.8
	small business	7	7.9	8.5	96.3
	handcrafts for sale	3	3.4	3.7	100.0
	Total	82	92.1	100.0	
Missing	99.00	7	7.9		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN242: What productive activites do you engage during dry season: Priority 2 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	1	1.1	1.7	1.7
	food crop production	24	27.0	40.7	42.4
	small business	14	15.7	23.7	66.1
	wage employment	8	9.0	13.6	79.7
	vegetable farming	1	1.1	1.7	81.4
	handcrafts for sale	10	11.2	16.9	98.3
	game meat business	1	1.1	1.7	100.0
	Total	59	66.3	100.0	
Missing	99.00	30	33.7		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN243: What productive activites do you engage during dry season: Priority 3 [a]

cash crop farming	2	2.2	7.7	7.7
	4	4.5	15.4	23.1
	3	3.4	11.5	34.6
	9	10.1	34.6	69.2
	8	9.0	30.8	100.0
	26	29.2	100.0	
	63	70.8		
	89	100.0		

QN251: what productivities activities do you engage in during the wet/rainy season: priority 1[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	23	8.6	13.5	13.5
	food crop production	84	31.5	49.4	62.9
	small business	14	5.2	8.2	71.2
	wage employment	5	1.9	2.9	74.1
	vegetable farming	20	7.5	11.8	85.9
	handcrafts for sale	23	8.6	13.5	99.4
	tourist	1	.4	.6	100.0
	Total	170	63.7	100.0	
Missing	99.00	97	36.3		
Total		267	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN261: what are the potential productive activities do you anticipate resulting from the establishment of the new WMA?: priority 1[a]

15	5.6	6.7	6.7
21	7.9	9.3	16.0
44	16.5	19.6	35.6
40	15.0	17.8	53.3
13	4.9	5.8	59.1
50	18.7	22.2	81.3
2	.7	.9	82.2
23	8.6	10.2	92.4
17	6.4	7.6	100.0
225	84.3	100.0	
42	15.7		
267	100.0		

QN27: how much did you earn last season from your economic activities [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 10,000	4	4.5	4.6	4.6
	Between 10,0001 and 20,000	8	9.0	9.2	13.8
	Between 20,001 and 30,000	9	10.1	10.3	24.1
	Between 30,001 and 60,000	18	20.2	20.7	44.8
	Between 60,001 and 100,000	18	20.2	20.7	65.5
	Between 100,001 and 150,000	12	13.5	13.8	79.3
	Between 150,001 and 200,000	6	6.7	6.9	86.2
	Between 200,001 and 300,000	9	10.1	10.3	96.6
	Between 300,001 and 500,000	3	3.4	3.4	100.0
	Total	87	97.8	100.0	
Missing	99.00	2	2.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN30:do you receive money in terms of gifts or otherwise from other sources (including relative or friends living outside the village)? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	12	13.5	27.3	27.3
	No	32	36.0	72.7	100.0
	Total	44	49.4	100.0	
Missing	99.00	45	50.6		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN31: If Yes how much money do you receive per year?

N	Valid	37
	Missing	52
Mean		33783.78
Mode		10000.00
Std. Deviation		59036.30
Minimum		10000.00
Maximum		300000.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

QN32: Does your household receive any other income (agricultural sales, own business, rental, seasonal income, sales of property, etc.)? Amount per year

N	Valid	18
	Missing	71
Mean		95333.33
Mode		50000.00[a]
Std. Deviation		105114.5
Minimum		1000.00
Maximum		400000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

QN251: what productivities activities do you engage in during the wet/rainy season: prioriy 1 [a]

23	8.6	13.5	13.5
84	31.5	49.4	62.9
14	5.2	8.2	71.2
5	1.9	2.9	74.1
20	7.5	11.8	85.9
23	8.6	13.5	99.4
1	.4	.6	100.0
170	63.7		

QN261: what are the potential productive activities do you anticipate resulting from the establishment of the new WMA?: priority 1 [a]

15	5.6	6.7	6.7
21	7.9	9.3	16.0
44	16.5	19.6	35.6
40	15.0	17.8	53.3
13	4.9	5.8	59.1
50	18.7	22.2	81.3
2	.7	.9	82.2
23	8.6	10.2	92.4
17	6.4	7.6	100.0
225	84.3	100.0	
42	15.7		
267	100.0		

Statistics [a]

qn 331 Estimated mean value of House

N	Valid	86
	Missing	3
Mean		146773.3
Mode		50000.00
Std. Deviation		259705.9
Minimum		5000.00
Maximum		1500000

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn332 Estimated mean value of cart

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn333 Estimated mean value of Hoes

N	Valid	87
	Missing	2
Mean		3019.9780
Mode		2500.00
Std. Deviation		3928.1455
Minimum		250.00
Maximum		25000.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn334 Estimated mean value of Motocycle

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn335 Estimated mean value of Boats

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

qn336 Estimated mean value bicycle

N	Valid	56
	Missing	33
Mean		65932.14
Mode		65000.00[a]
Std. Deviation		21039.22
Minimum		7200.00
Maximum		150000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn338 Estimated mean value of Tractor

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

qn339 Estimated mean value of Sewing machine

N	Valid	4
	Missing	85
Mean		77750.00
Mode		52000.00[a]
Std. Deviation		24336.19
Minimum		52000.00
Maximum		100000.00

a. Multiple modes exist. The smallest value is shown

WMAPILOTS = Liwale Pilo35 ref64011 06.57ta.

Statistics [a]

qn3310 Estimated mean value of Land (acre)

	77
	12
	53028.13
	50000.00
	41515.74
	1875.00
	250000.00

Statistics [a]

qn3311 Estimated mean value of Refrigirator

N	Valid	0
	Missing	89

Statistics [a]

qn3312 Estimated mean value of Generetor

N	Valid	1
	Missing	88
Mean		10000.00
Mode		10000.00
Minimum		10000.00
Maximum		10000.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn3313 Estimated mean value of Trolley

N	Valid	1
	Missing	88
Mean		10000.00

Statistics [a]

qn3314 Estimated mean value of Stove

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn3315 Estimated mean value of Radio

N	Valid	61
	Missing	28
Mean		23694.95
Mode		25000.00
Std. Deviation		16577.14
Minimum		3000.00
Maximum		115000.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn3316 Estimated mean value of water tank

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

qn3317 Estimated mean value of Furniture

N	Valid	53
	Missing	36
Mean		7111.3096
Mode		2000.00[a]
		7326.3796
		300.00
		38000.00

Statistics [a]

qn3318 Estimated mean value of Improved charchoal stove

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

an3319 Estimated mean value of firearm

N	Valid	3
	Missing	86
Mean		93833.33
Mode		1500.00[a]
Std. Deviation		99970.41
Minimum		1500.00
Maximum		200000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn3320 Estimated mean value of Vehicle

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

QN34: Do you have any livestock? [a]

66	74.2	88.0	88.0
9	10.1	12.0	100.0
75	84.3	100.0	
14	15.7		
89	100.0		

Statistics [a]

qn351 Estimated mean value of cattle

0	
89	

Statistics [a]

qn352 Estimated mean value of Sheep

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn353 Estimated mean value of Goat

N	Valid	9
	Missing	80
Mean		17777.78
Mode		20000.00
Std. Deviation		4409.5855
Minimum		10000.00
Maximum		25000.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn354 Estimated mean value of Pig

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn355 Estimated mean value of Rabbit

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

qn356 Estimated mean value of Chicken/ other poultry

N	Valid	72
	Missing	17
		1964.0213
		2000.00
		552.8959
		350.00
		5000.00

Statistics [a]

qn357 Estimated mean value of Donkey

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

QN36: Do you have the farm? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	77	86.5	97.5	97.5
	No	2	2.2	2.5	100.0
	Total	79	88.8	100.0	
Missing	99.00	10	11.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN371B: Green Vegetables acreage:Long rains

	Valid	10
		79
		.9750
		.25
		.8855
		.25
		2.00

[redacted]

Statistics

Statistics [a]

QN371D: Green Vegetables Number of units harvest:Long rains

N	Valid	8
	Missing	81
Mean		5.8750
Mode		1.00
Std. Deviation		7.4150
Minimum		1.00
Maximum		20.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

QN372A: Tomatoes acreage:Short rains

N	Valid	3
	Missing	86
Mean		.6667
Mode		.25[a]
Std. Deviation		.3819
Minimum		.25
Maximum		1.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

QN372B: Tomatoes acreage:Long rains

N	Valid	4
	Missing	85
Mean		1.2500
Mode		.50[a]
Std. Deviation		.8660
Minimum		.50
Maximum		2.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN372D: Tomatoes Number of units harvest:Long rains

N	Valid	4
	Missing	85
Mean		6.6250
Mode		10.00
Std. Deviation		4.1508
Minimum		1.50
Maximum		10.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN373B: Maize acreage:Long rains

N	Valid	45
	Missing	44
Mean		2.3556
Mode		2.00
Std. Deviation		1.3552
Minimum		.50
Maximum		6.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN373C: Maize Number of units harvest:Short rains

N	Valid	16
	Missing	73
Mean		10.2188
Mode		2.00
Std. Deviation		14.3469
Minimum		1.00
Maximum		60.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN373D: Maize Number of units harvest:Long rains

N	Valid	57
	Missing	32
Mean		7.3947
Mode		10.00
Std. Deviation		5.2532
Minimum		1.00
Maximum		20.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

QN374A: Beans acreage:Short rains

N	Valid	4
	Missing	85
Mean		2.4375
Mode		.25[a]
Std. Deviation		3.7214
Minimum		.25
Maximum		8.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN374B: Beans acreage:Long rains

N	Valid	11
	Missing	78
Mean		1.3864
Mode		2.00
Std. Deviation		1.1531
Minimum		.25
Maximum		4.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN374C: Beans Number of units harvest:Short rains

N	Valid	5
	Missing	84
Mean		7.20000
Mode		1.000
Std. Deviation		8.84308
Minimum		1.000
Maximum		20.000

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

Statistics [a]

QN375A: Onions acreage:Short rains

	3
	86
	1.0833
	1.50

Statistics [a]

QN375B: Onions acrege:Long rains

N	Valid	0
	Missing	89

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN375C: Onions Number of units harvest:Short rains

N	Valid	4
	Missing	85
Mean		6.2500
Mode		1.00
Std. Deviation		9.2150
Minimum		1.00
Maximum		20.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN375D: Onions Number of units harvest:Long rains

N	Valid	1
	Missing	88
Mean		4.0000
Mode		4.00
Minimum		4.00
Maximum		4.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

QN376A: Cassava acreage:Short rains

N	Valid	7
	Missing	82
Mean		2.7500
Mode		1.00[a]
Std. Deviation		3.3072
Minimum		.25
Maximum		10.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN376B: Cassava acreage:Long rains

N	Valid	28
	Missing	61
Mean		2.0089
Mode		2.00
Std. Deviation		1.1637
Minimum		.25
Maximum		6.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

Statistics [a]

QN376D:Cassava Number of units harvest:Long rains

N	Valid	37
	Missing	52
Mean		22.8649
Mode		10.00
Std. Deviation		31.4361
Minimum		1.00
Maximum		120.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [b]

QN377A: Rice acreage:Short rains

N	Valid	2
	Missing	87
Mean		1.7500
Mode		1.00[a]
Std. Deviation		1.0607
Minimum		1.00
Maximum		2.50

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN377B: Rice acreage:Long rains

N	Valid	20
	Missing	69
Mean		1.8625
Mode		2.00
Std. Deviation		1.0866
Minimum		.50
Maximum		5.00

Statistics [a]

QN377C: Rice Number of units harvest:Short rains

N	Valid	4
	Missing	85
Mean		10.2500
Mode		10.00
Std. Deviation		6.1305
Minimum		3.00
Maximum		18.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN377D:Rice Number of units harvest:Long rains

	25
	64
	10.9200
	5.00
	10.9237
	2.00

QN378OTHER CROPS: Other crops * QN378A: Other acreage:Short rains Crosstabulation [a]

Count

		QN378A: Other acreage:Short rains		
		.25 to 2 acres	2.1 to 5 acres	Total
QN378OTHER CROPS: Other crops	Wheat/soghum/millet	1	5	6
	Groundnuts		2	2
	simsim	1	8	9
Total		2	15	17

a. WMAPILOTS = Liwale Pilot WMA

QN378OTHER CROPS: Other crops * QN378B: Other acreage:Long rains Crosstabulation [a]

Count

		QN378B: Other acreage:Long rains			
		.25 to 2 acres	2.1 to 5 acres	5.1 to 10 acres	Total
QN378OTHER CROPS: Other crops	Wheat/soghum/millet	4	3		7
	Groundnuts	6		1	7
	simsim	7	1		8
Total		17	4	1	22

a. WMAPILOTS = Liwale Pilot WMA

QN378OTHER CROPS: Other crops * QN378C: Other Number of units harvest:Short rains Crosstabulation [a]

Count

		QN378C: Other Number of units harvest:Short rains			
		.25 to 2 acres	2.1 to 5 acres	5.1 to 10 acres	Total
QN378OTHER CROPS: Other crops	Wheat/soghum/millet		6		6
	Groundnuts		2		2
	simsim	1	7	1	9
Total		1	15	1	17

a. WMAPILOTS = Liwale Pilot WMA

QN378OTHER CROPS: Other crops * QN378D: Other Number of units harvest:Long rains Crosstabulation [a]

Count

		QN378D: Other Number of units harvest:Long rains			
		.25 to 2 acres	2.1 to 5 acres	600.00	Total
QN378OTHER CROPS: Other crops	Wheat/soghum/millet	5	1	1	7
	Groundnuts	3	3		6
	simsim	1	8		9
Total		9	12	1	22

a. WMAPILOTS = Liwale Pilot WMA

QN391: What materials were used to build this house?: walls [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Cement blocks	1	1.1	1.1	1.1
	Burnt bricks	7	7.9	7.9	9.0
	Mud and poles	80	89.9	89.9	98.9
	Thatch	1	1.1	1.1	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

QN392: What materials were used to build this house?: Floor [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Cement and sand	9	10.1	10.6	10.6
	Earth/Clay	76	85.4	89.4	100.0
	Total	85	95.5	100.0	
Missing	99.00	4	4.5		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN393: What materials were used to build this house?: Roof [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Thatching grass/palm thatch	72	80.9	80.9	80.9
	Mud poles and grass	2	2.2	2.2	83.1
	corrugated iron sheets	15	16.9	16.9	100.0
	Total	89	100.0	100.0	

a. WMAPILOTS = Liwale Pilot WMA

QN40: Have you ever-borrowed money [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	17	19.1	29.8	29.8
	No	40	44.9	70.2	100.0
	Total	57	64.0	100.0	
Missing	99.00	32	36.0		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN41: Where or from whom do you borrow the money [a]

8	9.0	33.3	33.3
6	6.7	25.0	58.3
1	1.1	4.2	62.5
4	4.5	16.7	79.2
4	4.5		

QN43: What do you understand by WMA? [a]

Participation	3	3.4	3.4	3.4
Benefit sharing	19	21.3	21.6	25.0
	3	3.4	3.4	28.4
	5	5.6	5.7	34.1
	1	1.1	1.1	35.2
	15	16.9	17.0	52.3
	16	18.0	18.2	70.5
	26	29.2	29.5	100.0
	88	98.9	100.0	
	1	1.1		
	89	100.0		

QN44: Do you like the idea of WMA? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	89	100.0	100.0	100.0

a. WMAPILOTS = Liwale Pilot WMA

QN45: If No why? [a]

		Frequency	Percent
Missing	99.00	89	100.0

QN46: What are your opinions for improvement? [a]

Game scout to protect areas	19	21.3	24.1	24.1
whatever is good for improvement	1	1.1	1.3	25.3
village participation	17	19.1	21.5	46.8
introductinof tourist camps	1	1.1	1.3	48.1
educating.367 192 6.2228 Tf1 0 0 1 59.	4	4.5	5.1	53.2
	2	2.2	2.5	55.7
	14	15.7	17.7	73.4
	8	9.0	10.1	83.5
	3	6.7	7.3	90.8
	3	3.3	3.7	94.5
	4	4.5	5.5	100.0
	79	88.8	100.0	
	10	11.2		
	89	100.0		

Statistics [a]

QN47: How many times have you been involved in a village collective activities last year?

N	Valid	86
	Missing	3
Mean		5.7791
Mode		5.00
Std. Deviation		4.9998
Minimum		1.00
Maximum		30.00

a. WMAPILOTS = Liwale Pilot WMA

Statistics [a]

QN48: How many village meetings have been called for the past one year	
	87
	2
	1.7701
	1.00

QN49: Does the leadership present the annual income & expenditure report? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	85	95.5	97.7	97.7
	No	2	2.2	2.3	100.0
	Total	87	97.8	100.0	
Missing	99.00	2	2.2		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

QN50: Does the leadership act responsibly and in justice? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	80	89.9	96.4	96.4
	No	3	3.4	3.6	100.0
	Total	83	93.3	100.0	
Missing	99.00	6	6.7		
Total		89	100.0		

a. WMAPILOTS = Liwale Pilot WMA

WMAPILOTS = Ngarambe Tapika Pilot WMA

village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tapika	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Ward [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Utete	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Distric [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Rufuji	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Region [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Coast	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [b]

QN1: Age

N	Valid	31
	Missing	0
Mean		37.2903
Mode		25.00[a]
Std. Deviation		11.3231
Minimum		24.00
Maximum		68.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Ngarambe Tapika Pilot WMA

Age categorized [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	19 - 35	18	58.1	58.1	58.1
	36 - 45	8	25.8	25.8	83.9
	46 - 64	3	9.7	9.7	93.5
	65 and above	2	6.5	6.5	100.0
	Total	31	100.0	100.0	

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN2: Sex of Household Head [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	30	96.8	96.8	96.8
	Female	1	3.2	3.2	100.0
	Total	31	100.0	100.0	

Statistics [a]

QN41B: Number of Adult- Above 15 years:Female

N	Valid	27
	Missing	4
Mean		1.4074
Mode		1.00
Std. Deviation		.6360
Minimum		1.00
Maximum		3.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN42A: Number of children (0 -14): Boys

N	Valid	22
	Missing	9
Mean		1.7273
Mode		2.00
Std. Deviation		.7025
Minimum		1.00
`um		3.00

v. PIl = Ngarambe Tapika Pilotum

Statistics [a]

QN7: Where were you born [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	same village	10	32.3	32.3	32.3
	same ward different village	3	9.7	9.7	41.9
	same district different ward	1	3.2	3.2	45.2
	Different region	17	54.8	54.8	100.0
	Total	31	100.0	100.0	

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN8: If not born in this village when did you start living in this village? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1950.00	1	3.2	3.3	3.3
	1961.00	1	3.2	3.3	6.7
	1985.00	1	3.2	3.3	10.0
	1987.00	2	6.5	6.7	16.7
	1988.00	1	3.2	3.3	20.0
	1989.00	3	9.7	10.0	30.0
	1990.00	1	3.2	3.3	33.3
	1991.00	1	3.2	3.3	36.7
	1992.00	1	3.2	3.3	40.0
	1993.00	4	12.9	13.3	53.3
	1994.00	2	6.5	6.7	60.0
	1999.00	9	29.0	30.0	90.0
	2000.00	1	3.2	3.3	93.3
	2002.00	2	6.5	6.7	100.0
	Total	30	96.8	100.0	
Missing	99.00	1	3.2		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN91: Factors influenced movement to this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Farming	8	8.6	38.1	38.1
	employment	1	1.1	4.8	42.9
	Peace	1	1.1	4.8	47.6
	Business	4	4.3	19.0	66.7
	marriage	1	1.1	4.8	71.4
	follow relatives	1	1.1	4.8	76.2
	Fertile land	2	2.2	9.5	85.7
	Better life	1	1.1	4.8	90.5
	Drought	1	1.1	4.8	95.2
	Sickness	1	1.1	4.8	100.0
	Total	21	22.6	100.0	
Missing	99.00	72	77.4		
Total		93	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN10: Are there people from your household who have moved out of this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	5	16.1	17.9	17.9
	No	23	74.2	82.1	100.0
	Total	28	90.3	100.0	
Missing	99.00	3	9.7		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN111A: what is the age of the moved relative

N	Valid	15
	Missing	109
Mean		24.5333
Mode		35.00
Std. Deviation		12.5918
Minimum		2.00
Maximum		45.00

a. Wildlife Management Area = Ngarambe Tapika Pilot WMA

QN111B: What is the sex of the moved relative [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	7	5.6	50.0	50.0
	Female	7	5.6	50.0	100.0
	Total	14	11.3	100.0	
Missing	99.00	110	88.7		
Total		124	100.0		

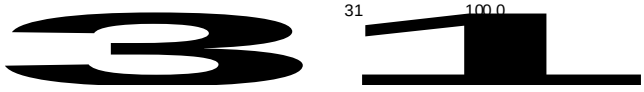
a. Wildlife Management Area = Ngarambe Tapika Pilot WMA

QN111C: What is the reason for moving to this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Marriage	3	2.4	30.0	30.0
	Business	6	4.8	60.0	90.0
	dirvoced	1	.8	10.0	100.0
	Total	10	8.1	100.0	
Missing	99.0	114	91.9		
Total		124	100.0		

QN13: Are there people from your household move in to this village? [a]

	Yes	2	6.5	6.7	6.7
		28	90.3	93.3	100.0
		30	96.8	100.0	
		1	3.2		
		31	100.0		



Statistics [b]

QN141A: what is the age of the moved relative

N	Valid	3
	Missing	121
Mean		25.3333
Mode		14.00[a]
Std. Deviation		10.5987
Minimum		14.00
Maximum		35.00

a. Multiple modes exist. The smallest value is shown

b. Wildlife Management Area = Ngarambe Tapika Pilot WMA

QN141B: What is the sex of the moved relative [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	1	.8	33.3	33.3
	Female	2	1.6	66.7	100.0
	Total	3	2.4	100.0	
Missing	99.00	121	97.6		
Total		124	100.0		

a. Wildlife Management Area = Ngarambe Tapika Pilot WMA

QN141C: What is the reason for moving [a]

Marriage	2	1.6	66.7	66.7
Education	1	.8	33.3	100.0
Total	3	2.4	100.0	
	121	97.6		
	124	100.0		

QN151A: Which source of water do you use during Wet season

QN151C: Private connection to piped water in house:Amount paid per unit [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN152C: Yard tap(shared connection): Amount paid per bucket (20L) [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN152D: Yard tap(shared connection): Amount of time spent collecting water (minutes) [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN154C: Village well: Amount paid per bucket [a]

26	83.9	100.0	100.0
5	16.1		
31	100.0		

QN154D: Village well: Amount of time spent collecting water (minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	25	80.6	89.3	89.3
	Less than 60 min	2	6.5	7.1	96.4
	13.00	1	3.2	3.6	100.0
	Total	28	90.3	100.0	
Missing	99.00	3	9.7		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN155B: Which source of water do you use during Dry season [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN155C: Water vendor (tanker,handcart,…..):Amount paid per bucket [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN156D: Rivers and streams:Amount of time spent on collecting water(minutes) [a]

1	3.2	50.0	50.0
1	3.2	50.0	100.0
2	6.5	100.0	
29	93.5		
31	100.0		

QN158D: Ponds and Dams sources: Amount of time spent on collecting water (minutes) [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN162B: Yard tap(shared connection): Wet season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN162C: Yard tap(shared connection): Dry season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	31	100.0

QN162D: Yard tap(shared connection): Availability from this source [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN163D: Own ource(Well, borehore.....): Availability from this source [a]

1	3.2

QN164B: Village well:Wet season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	26	83.9	92.9	92.9
	Less than 30 min	2	6.5	7.1	100.0
	Total	28	90.3	100.0	
Missing	99.00	3	9.7		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN164C: Village well:Dry season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	24	77.4	88.9	88.9
	Less than 30 min	2	6.5	7.4	96.3
	Less than 60 min	1	3.2	3.7	100.0
	Total	27	87.1	100.0	
Missing	99.00	4	12.9		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN165D: Water vendor(tanker, handcart,....): Availability from this source [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN166C: Rivers and streams:Dry season How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN166D: Rivers and streams:Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	2	6.5	100.0	100.0
Missing	99.00	29	93.5		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN167B: Spring:Wet season How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.0	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN167C: Spring:Dry season How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN167D: Spring:Availability from this source [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN168B: Ponds and Dams: Wet season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN168C: Ponds and Dams: Dry season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN17: What is the primary method do you use to treat your water? [a]

22 71.0

QN119: How does your household dispose off most its refuse? [a]

		6	19.4	19.4	19.4
		24	77.4	77.4	96.8
		1			

QN221: How frequently do you use these resources: Building poles [a]

		Frequen5 17uen			
Valid	Annually	28	90.3	100.0	100.0
Missing	99.00	3	9.7		
Total		31	100.0		

QN223: How frequently do you use these resources: Game meat [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	1	3.2	3.6	3.6
	Annually	27	87.1	96.4	100.0
	Total	28	90.3	100.0	
Missing	99.00	3	9.7		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN224: How frequently do you use these resources: Medical plants [a]

1	3.2	100.0	100.0

QN225: How frequently do you use these resources: Pottery soil [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN227: How frequently do you use these resources: Others [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN231: What is the availability of these resources currently: Building poles [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Plenty	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN232: What is the availability of these resources currently: Thatching grass[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Plenty	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN233: What is the availability of these resources currently: Game meat [a]

		Frequency	Percent	Valid Percent	
Valid	Low	16	51.6	53.3	53.3
	Medium	10	32.3	33.3	86.7
	Plenty	4	12.9	13.3	100.0
	Total	30	96.8	100.0	
Missing	99.00	1	3.2		
Total		31	100.0		

QN234: What is the availability of these resources currently: Medical plants [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Medium	1	3.2	33.3	33.3
	Plenty	2	6.5	66.7	100.0
	Total	3	9.7	100.0	
Missing	99.00	28	90.3		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN235: What is the availability of these resources currently: Pottery soil [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN236: What is the availability of these resources currently: Grazing grass [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN241: What productive activites do you engage during dry season: Priority 1 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	28	90.3	96.6	96.6
	food crop production	1	3.2	3.4	100.0
	Total	29	93.5	100.0	
Missing	99.00	2	6.5		
Total		31	100.0		

a. WMAPILOTS = N[illegible]MA

QN242: What productive activites do you engage during dry season: Priority 2 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	food crop production	3	9.7	10.7	10.7
	small business	13	41.9	46.4	57.1
	wage employment	9	29.0	32.1	89.3
	vegetable farming	2	6.5	7.1	96.4
	handcrafts for sale	1	3.2	3.6	100.0
	Total	28	90.3	100.0	
Missing	99.00	3	9.7		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN243: What productive activites do you engage during dry season: Priority 3 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	wage employment	6	19.4	33.3	33.3
	vegetable farming	10	32.3	55.6	88.9
	handcrafts for sale	2	6.5	11.1	100.0
	Total	18	58.1	100.0	
Missing	99.00	13	41.9		
Total		31	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN27: how much did you earn last season from your economic activities [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 10,000	2	6.5	6.5	6.5
	Between 10,0001 and 20,000	7	22.6	22.6	29.0
	Between 20,001 and 30,000	3	9.7	9.7	38.7
	Between 30,001 and 60,000	8	25.8	25.8	64.5
	Between 60,001 and 100,000	10	32.3	32.3	96.8
	Between 100,001 and 150,000	1	3.2	3.2	100.0
	Total	31	100.0	100.0	

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN29: how many members of your household currently earn some income (from a job and/or business and/or part-time work)?

N	Valid	27
	Missing	4
Mean		1.8519
Mode		2.00
Std. Deviation		.8182
Minimum		1.00
Maximum		5.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [b]

QN31: If Yes how much money do you receive per year?

N	Valid	4
	Missing	27
Mean		33000.00
Mode		10000.00[a]
Std. Deviation		26255.16
Minimum		10000.00
Maximum		70000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN32: Does your household receive any other income (agricultural sales, own business, rental, seasonal income, sales of property, etc.)? Amount per year

N	Valid	1
	Missing	30
Mean		1000.0000
Mode		1000.00
Minimum		1000.00
Maximum		1000.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN211: What natural resource products do you use in your household? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Building poles	31	14.3	32.3	32.3
	Thatching grass	31	14.3	32.3	64.6
	Game meat	31	14.3	32.3	96.9
	Medicinal plants	3	1.4	3.1	100.0
	Total	96	44.2	100.0	
Missing	99.000	121	55.8		
Total		217	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn 331 Estimated mean value of House

N	Valid	31
	Missing	0
Mean		27935.48
Mode		20000.00
Std. Deviation		15498.25
Minimum		10000.00
Maximum		80000.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn333 Estimated mean value of Hoes

N	Valid	30
	Missing	1
Mean		2144.4443
		2000.00
		400.5102
		1500.00
		3333.33

Statistics [a]

qn334 Estimated mean value of Motocycle

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn335 Estimated mean value of Boats

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn336 Estimated mean value bicycle

N	Valid	20
	Missing	11
Mean		53350.00
Mode		45000.00
Std. Deviation		18865.24
Minimum		20000.00
Maximum		80000.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn337 Estimated mean value of ploughs

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

Statistics [a]

qn339 Estimated mean value of Sewing machine

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [b]

qn3310 Estimated mean value of Land (acre)

N	Valid	28
	Missing	3
Mean		54706.96
Mode		30000.00[a]
Std. Deviation		70722.89
Minimum		10000.00
Maximum		400000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn3311 Estimated mean value of Refrigirator

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn3312 Estimated mean value of Generetor

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn3313 Estimated mean value of Trolley

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn3314 Estimated mean value of Stove

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [b]

qn3315 Estimated mean value of Radio

N	Valid	22
	Missing	9
Mean		22250.00
Mode		12000.00[a]
Std. Deviation		15399.25
Minimum		7000.00
Maximum		65000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

Statistics [a]

qn3318 Estimated mean value of Improved charchoal stove

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

an3319 Estimated mean value of firearm

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn3320 Estimated mean value of Vehicle

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn351 Estimated mean value of cattle

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics

Statistics [a]

qn353 Estimated mean value of Goat

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn354 Estimated mean value of Pig

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

qn355 Estimated mean value of Rabbit

N	Valid	0
	Missing	31

Statistics [a]

qn357 Estimated mean value of Donkey

N	Valid	0
	Missing	31

QN36: Do you have the farm? [a]

Valid	Yes	26	83.9	100.0	100.0
Missing	99.00	5	16.1		
Total		31	100.0		

Statistics [a]

QN371A: Green Vegetables acreage:Short rains

N	Valid	1
	Missing	30
Mean		1.5000
Mode		1.50
Minimum		1.50
Maximum		1.50

Statistics [a]

QN371B: Green Vegetables acreage:Long rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics

Statistics [a]

QN372A: Tomatoes acreage:Short rains

N	Valid	1
	Missing	30
Mean		1.4000
Mode		1.40
Minimum		1.40
Maximum		1.40

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN372B: Tomatoes acreage:Long rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

Statistics [a]

QN372D: Tomatoes Number of units harvest:Long rains

N	Valid	1
	Missing	30
Mean		50.0000
Mode		50.00
Minimum		50.00
Maximum		50.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [b]

QN373D: Maize Number of units harvest:Long rains

	21
	10
	13.1429
	4.00[a]
	15.7235
	2.00

Statistics [b]

QN374A: Beans acreage:Short rains

N	Valid	2
	Missing	29
Mean		3.3000
Mode		1.40[a]
Std. Deviation		2.6870
Minimum		1.40
Maximum		5.20

a. Multiple modes exist. The smallest value is shown

b. WMAPIL6.22.0r3BT217..082 b =Ng6.22arambe Tapika Pilot WMA

Statistics [b]

QN374B: Beans acreage:Long rains

N	Valid	3
	Missing	28
Mean		2.7333
Mode		1.00[a]
Std. Deviation		2.1939
Minimum		1.00
Maximum		5.20

a. Multiple modes exist. The smallest value is shown

Statistics [a]

QN374C: Beans Number of units harvest:Short rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN374D: Beans Number of units harvest:Long rains

N	Valid	4
	Missing	27
Mean		30.7500
Mode		40.00
Std. Deviation		18.5000
Minimum		3.00
Maximum		40.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN375A: Onions acreage:Short rains

Statistics [b]

QN375B: Onions acrege:Long rains

N	Valid	2
	Missing	29
Mean		1.5000
Mode		.50[a]
Std. Deviation		1.4142
Minimum		.50
Maximum		2.50

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN375C: Onions Number of units harvest:Short rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [b]

QN375D: Onions Number of units harvest:Long rains

N	Valid	2
	Missing	29
Mean		6.0000
Mode		2.00[a]
Std. Deviation		5.6569
Minimum		2.00
Maximum		10.00

Multiple modes exist. The smallest value is shown

Statistics [a]

QN376A: Cassava acreage:Short rains

N	Valid	3
	Missing	28
Mean		.8333
Mode		1.00
Std. Deviation		.2887
Minimum		.50
Maximum		1.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN376C: Cassava Number of units harvest:Short rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

Statistics [a]

QN377A: Rice acreage:Short rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN377B: Rice acreage:Long rains

N	Valid	17
	Missing	14
Mean		7.5588
Mode		1.00
Std. Deviation		25.1280
Minimum		.50
Maximum		105.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN377C: Rice Number of units harvest:Short rains

N	Valid	0
	Missing	31

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN378OTHER CROPS: Other crops * QN378C: Other Number of units harvest:Short rains Crosstabulation [a]

Count

		QN378C:	
		10.1 and above acres	
QN378OTHER CROPS: Other crops	Wheat/soghum/millet	1	1
Total		1	1

QN378OTHER CROPS: Other crops * QN378D: Other Number of units harvest:Long rains Crosstabulation [a]

Count

		QN378D: Other Number of units harvest:Long rains	
		10.1 and above acres	Total
QN378OTHER CROPS: Other crops	simsim	1	1
Total		1	1

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

Statistics [a]

QN38: How many rooms does your household have?

N	Valid	29
	Missing	2
Mean		2.1724
Mode		2.00
Std. Deviation		.6584
Minimum		1.00
Maximum		4.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN391: What materials were used to build this house?: walls [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mud and poles	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN393: What materials were used to build this house?: Roof

QN40: Have you ever-borrowed money [a]

Valid	Yes	2	6.5	6.5	6.5
	No	29	93.5	93.5	100.0
	Total	31	100.0	100.0	

QN41: Where or from whom do you borrow the money [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Family member	1	3.2	50.0	50.0
	Friend	1	3.2	50.0	100.0
	Total	2	6.5	100.0	
Missing	99.00	29	93.5		
Total		31	100.0		

QN42: How long would it take you to return the borrowed money? [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN43: What do you understand by WMA? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Participation	1	3.2	3.2	3.2
	Benefit sharing	10	32.3	32.3	35.5
	Resource conservation	3	9.7	9.7	45.2
	participation and benefit sharing	1	3.2	3.2	48.4
	participation and resouce conservation	1	3.2	3.2	51.6
	benefit sharing and resource conservation	11	35.5	35.5	87.1
	participation, benefit sharing and resouce conservation	4	12.9	12.9	100.0
	Total	31	100.0	100.0	

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN44: Do you like the idea of WMA? [a]

Valid	Yes	31	100.0	100.0	100.0

QN45: If No why? [a]

		Frequency	Percent
Missing	99.00	31	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN46: What are your opinions for improvement? [a]

5	16.1	16.7	16.7
1	3.2	3.3	20.0
4	12.9	13.3	33.3
3	9.7	10.0	43.3
6	19.4	20.0	63.3
6	19.4	20.0	83.3
1	3.2	3.3	86.7
3	9.7	10.0	96.7
1			

Statistics [a]

QN48: How many village meetings have been called for the past one year

N	Valid	30
	Missing	1
Mean		1.6667
Mode		1.00
Std. Deviation		1.1547
Minimum		1.00
Maximum		6.00

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN49: Does the leadership present the annual income & expenditure report? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	31	100.0	100.0	100.0

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN50: Does the leadership act responsibly and in justice? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	31	100.0	100.0	100.0

village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mchomoro	30	53.6	53.6	53.6
	Kitanda	26	46.4	46.4	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

Ward [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Namtumbo	30	53.6	53.6	53.6
	Kitanda	26	46.4	46.4	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

Division [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Undendeule	56	100.0	100.0	100.0

a. WMAPILOTS = Songea Pilot WMA

Distric [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Namtumbo	56	100.0	100.0	100.0

a. WMAPILOTS = Songea Pilot WMA

Region [a]

Statistics [a]

QN1: Age

N	Valid	56
	Missing	0
Mean		41.5536
Mode		32.00
Std. Deviation		12.6404
Minimum		20.00
Maximum		71.00

a. WMAPILOTS = Songea Pilot WMA

Age categorized [a]

20	35.7	35.7	35.7
18	32.1	32.1	67.9
14	25.0	25.0	92.9
4	7.1	7.1	100.0
56	100.0	100.0	

[redacted]

QN2: Sex of Household Head [a]

Statistics [a]

QN41A: Number of Adult- Above 15 years:Male

N	Valid	55
	Missing	1
Mean		1.2545
Mode		1.00
Std. Deviation		.6997
Minimum		1.00
Maximum		4.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN41B: Number of Adult- Above 15 years:Female

N	Valid	56
	Missing	0
Mean		1.6429
Mode		1.00
Std. Deviation		1.1025
Minimum		1.00
Maximum		6.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN42A: Number of children (0 -14): Boys

N	Valid	44
	Missing	12
Mean		1.9773
Mode		1.00
Std. Deviation		.9521
Minimum		1.00
Maximum		4.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN42B: Number of children (0 -14): Girls

N	Valid	44
	Missing	12
Mean		2.0682
Mode		1.00
Std. Deviation		1.1891
Minimum		1.00
Maximum		5.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN43A: Number of older (61+): Male

N	Valid	3
	Missing	53
Mean		1.0000
Mode		1.00
Std. Deviation		.0000
Minimum		1.00
Maximum		1.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN43B: Number of older (61+): Female

N	Valid	2
	Missing	54
Mean		1.0000
Mode		1.00
Std. Deviation		.0000
Minimum		1.00
Maximum		1.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN44: House Hold Size

N	Valid	56
	Missing	0
Mean		6.1964
Mode		5.00
Std. Deviation		3.0773
Minimum		2.00
Maximum		17.00

a. WMAPILOTS = Songea Pilot WMA

QN5: Level of education of the Household head [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	4	7.1	7.1	7.1
	Primary incomplete	10	17.9	17.9	25.0
	Primary compete	38	67.9	67.9	92.9
	Secondary incomplete	1	1.8	1.8	94.6
	Secondary Complete	3	5.4	5.4	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN6: Occupation of Head of Household [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Farmer	54	96.4	96.4	96.4
	Casual labour	1	1.8	1.8	98.2
	Bee keeper	1	1.8	1.8	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN7: Where were you born [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	same village	49	87.5	87.5	87.5
	same ward different village	1	1.8	1.8	89.3
	same district different ward	1	1.8	1.8	91.1
	Same region different district	2	3.6	3.6	94.6
	Different region	3	5.4	5.4	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN91: Factors influenced movement to this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Farming	4	2.4	44.4	44.4
	Business	1	.6	11.1	55.6
	marriage	1	.6	11.1	66.7
	follow relatives	1	.6	11.1	77.8
	no hunting/wildlife	1	.6	11.1	88.9
	Home land	1	.6	11.1	100.0
	Total	9	5.4	100.0	
Missing	99.00	159	94.6		
Total		168	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN10: Are there people from your household who have moved out of this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	3	5.4	10.7	10.7
	No	25	44.6	89.3	100.0
	Total	28	50.0	100.0	
Missing	99.00	28	50.0		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

QN111A: what is the age of the moved relative

N	Valid	10
	Missing	214
Mean		23.5000
Mode		2.00[a]
Std. Deviation		12.6776
Minimum		2.00
Maximum		43.00

a. Multiple modes exist. The smallest value is shown

b. Wildlife Management Area = Songea Pilot WMA

QN111B: What is the sex of the moved relative [a]

3	1.3	37.538

QN111C: What is the reason for moving to this village [a]

4	1.8	50.0	50.0
2	.9	25.0	75.0
2	.9	25.0	100.0
8	3.6	100.0	
216	96.4		
224	100.0		

QN121: Factors influenced movement to that village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Scacity of land	2	1.2	66.7	66.7
	Home land	1	.6	33.3	100.0
	Total	3	1.8	100.0	
Missing	99.00	165	98.2		
Total		168	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN13: Are there people from your household move in to this village? [a]

Statistics [a]

QN141A: what is the age of the moved relative

N	Valid	0
	Missing	224

a. Wildlife Management Area = Songea Pilot WMA

QN141B: What is the sex of the moved relative [a]

		Frequency	Percent
Missing	99.00	224	100.0

a. Wildlife Management Area = Songea Pilot WMA

QN141C: What is the reason for moving [a]

		Frequency	Percent
Missing	99.00	224	100.0

a. Wildlife Management Area = Songea Pilot WMA

QN151A: Which source of water do you use during Wet season [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yard tap (shared connection)	15	3.3	27.3	27.3
	Own source (well, boreehole)	11	2.5	20.0	47.3
	Village well	21	4.7	38.2	85.5
	Rivers and streams	8	1.8	14.5	100.0
	Total	55	12.3	100.0	
Missing	99.00	393	87.7		
Total		448	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN151B:Which source of water do you use during Dry season [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yard tap (shared connection)	16	3.6	29.6	29.6
	Own source (well, boreehole)	10	2.2	18.5	48.1
	Village well	20	4.5	37.0	85.2
	Rivers and streams	8	1.8	14.8	100.0
	Total	54	12.1	100.0	
Missing	99.00	394	87.9		
Total		448	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN151C: Private connection to piped water in house:Amount paid per unit [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN152C: Yard tap(shared connection): Amount paid per bucket (20L) [a]

4	7.1	25.0	25.0
6	10.7	37.5	62.5
1	1.8	6.3	68.8
3	5.4	18.8	87.5
1	1.8	6.3	93.8
1	1.8	6.3	100.0
16			

QN152D: Yard tap(shared connection): Amount of time spent collecting water (minutes) [a]

11	19.6	64.7	64.7
2	3.6	11.8	76.5
4	7.1	23.5	100.0
17			

QN154C: Village well: Amount paid per bucket [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	nothing paid	14	25.0	70.0	70.0
	5 to 500Tshs per Bucket	6	10.7	30.0	100.0
	Total	20	35.7	100.0	
Missing	99.00	36	64.3		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN154D: Village well: Amount of time spent collecting water (minutes) [a]

10	17.9	47.6	47.6
4	7.1	19.0	66.7
2	3.6	9.5	76.2
5	8.9	23.8	100.0
21	37.5	100.0	

QN155B: Which source of water do you

QN158D: Ponds and Dams sources: Amount of time spent on collecting water (minutes) [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN161D: Private connection to piped water

QN162B: Yard tap(shared connection): Wet season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	14	25.0	93.3	93.3
	Less than 30 min	1	1.8	6.7	100.0
	Total	15	26.8	100.0	
Missing	99.00	41	73.2		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN162C: Yard tap(shared connection): Dry season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	5	8.9	33.3	33.3
	Less than 30 min	10	17.9	66.7	100.0
	Total	15	26.8	100.0	
Missing	99.00	41	73.2		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN162D: Yard tap(shared connection): Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	4	7.1	26.7	26.7
	fair	11	19.6	73.3	100.0
	Total	15	26.8	100.0	
Missing	99.00	41	73.2		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN164B: Village well:Wet season, How long do you have to queue to get water [a]

Less than 15 min	9	16.1	42.9	42.9
Less than 30 min	5	8.9	23.8	66.7
Less than 60 min	5	8.9	23.8	90.5
More than 60 min	2	3.6	9.5	100.0
Total	21	37.5	100.0	
	35	62.5		
	56	100.0		

QN164D: Village well:Availability from this source is [a]

		Frequency	Percent		
Valid	Poor	7	12.5	33.3	33.3
	fair	1	1.8	4.8	38.1
	Good	13	23.2	61.9	100.0

QN167C: Spring:Dry season How long do you have to queue to get water [a]

		Frequency			
Valid	Less than 30 min	1	1.8	100.0	100.0
Missing	99.00	55	98.2		
Total		56	100.0		

QN167D: Spring:Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	1	1.8	100.0	100.0
Missing	99.00	55	98.2		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN168B: Ponds and Dams: Wet season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN168C: Ponds and Dams: Dry season, How long do you have to queue to get water [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN168D: Ponds and Dams: Availability from this source [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN17: What is the primary method do you use to treat your water? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	32	57.1	57.1	57.1
	Boiling	6	10.7	10.7	67.9
	Filtering	1	1.8	1.8	69.6
	Settling	15	26.8	26.8	96.4
	Chemical treatment	1	1.8	1.8	98.2
	boiling/filtering	1	1.8	1.8	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN18: What types of toilets systems does this household usually use? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Pit latrine	55	98.2	98.2	98.2
	VIP latrine	1	1.8	1.8	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN201: What source of energy do you use for cooking?: Firewood [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Firewood	56	25.0	100.0	100.0
Missing	99.00	168	75.0		
Total		224	100.0		

a. Wildlife Management Area = Songea Pilot WMA

QN211: What natural resource products do you use in your household? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Building poles	26	6.6	14.6	14.6
	Thatching grass	49	12.5	27.5	42.1
	Game meat	56	14.3	31.5	73.6
	Medicinal plants	23	5.9	12.9	86.5
	Grazing grass	24	6.1	13.5	100.0
	Total	178	45.4	100.0	
Missing	99.000	214	54.6		
Total		392	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN221: How frequently do you use these resources: Building poles [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Annually	26	46.4	100.0	100.0
Missing	99.00	30	53.6		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN223: How frequently do you use these resources: Game meat [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	2	3.6	3.6	3.6
	Annually	54	96.4	96.4	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN224: How frequently do you use these resources: Medical plants [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Annually	24	42.9	100.0	100.0
Missing	99.00	32	57.1		
Total		56	100.0		

QN232: What is the availability of these resources currently: Thatching grass[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Plenty	48	85.7	100.0	100.0
Missing	99.00	8	14.3		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN233: What is the availability of these resources currently: Game meat[a]

		Frequency	Percent	Valid Percent	Cumrceou
Valid	Low	53	94.6	96.4	96.4
	Medium	1	1.8	1.8	98.2
	Plenty	1	1.8	1.8	100.0
	Total	55	98.2	100.0	
Missing	99.00	1	1.8		
Total		56	100.0		

QN234: What is the availability of these resources currently: Medical plants[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Low	1	1.8	4.3	4.3
	Plenty	22	39.3	95.7	100.0
	Total	23	41.1	100.0	
Missing	99.00	33	58.9		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN235: What is the availability of these resources currently: Pottery soil[a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN236: What is the availability of these resources currently: Grazing grass [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Low	1	1.8	3.7	3.7
	Plenty	26	46.4	96.3	100.0
	Total	27	48.2	100.0	
Missing	99.00	29	51.8		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN237: What is the availability of these resources currently: Others [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN241: What productive activites do you engage during dry season: Priority 1 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	15	26.8	26.8	26.8
	small business	13	23.2	23.2	50.0
	wage employment	1	1.8	1.8	51.8
	vegetable farming	27	48.2	48.2	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN243: What productive activites do you engage during dry season: Priority 3 [a]

		Frequency	Percent
Missing	99.00	56	100.0

a. WMAPILOTS = Songea Pilot WMA

QN251: what productivities activities do you engage in during the wet/rainy season: priority 1[a]

[redacted]	45	26.8	39.8	39.8
	56	33.3	49.6	89.4
	8	4.8	7.1	96.5
	1	.6	.9	97.3
	3	1.8	2.7	100.0
	113	67.3	100.0	
	55	32.7		
	168	100.0		

QN261: what are the potential productive activities do you anticipate resulting from the establishment of the new WMA?: priority 1[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	1	.6	.7	.7
	food crop production	3	1.8	2.2	2.9
	small business	38	22.6	27.9	30.9
	wage employment	34	20.2	25.0	55.9
	vegetable farming	9	5.4	6.6	62.5
	handcrafts for sale	21	12.5	15.4	77.9
	Water vending	1	.6	.7	78.7
	game meat business	6	3.6	4.4	83.1
	tourist	23	13.7	16.9	100.0
	Total	136	81.0	100.0	
Missing	99.00	32	19.0		
Total		168	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN27: how much did you earn last season from your economic activities [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 10,000	1	1.8	1.8	1.8
	Between 20,001 and 30,000	3	5.4	5.5	7.3
	Between 30,001 and 60,000	3	5.4	5.5	12.7
	Between 60,001 and 100,000	7	12.5	12.7	25.5
	Between 100,001 and 150,000	8	14.3	14.5	40.0
	Between 150,001 and 200,000	8	14.3	14.5	54.5
	Between 200,001 and 300,000	7	12.5	12.7	67.3
	Between 300,001 and 500,000	9	16.1	16.4	83.6
	Above 500,001	9	16.1	16.4	100.0
	Total	55	98.2	100.0	
Missing	99.00	1	1.8		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN29: how many members of your household currently earn some income (from a job and/or business and/or part-time work)?

N	Valid	31
	Missing	25
Mean		1.2581
Mode		1.00
Std. Deviation		.6308
Minimum		1.00
Maximum		4.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

ow much money do you receive per year?

	Valid	2
	Missing	54
		370000.0
		40000.00[a]
		466690.5
		40000.00
		700000.00

e modes exist. The smallest value is shown

ILOTS = Songea Pilot WMA

Statistics [b]

QN32: Does your household receive any other income (agricultural sales, own business, rental, seasonal income, sales of property, etc.)? Amount per year

N	Valid	4
	Missing	52
Mean		447500.0
Mode		40000.00[a]
Std. Deviation		703106.2
Minimum		40000.00
Maximum		1500000

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn332 Estimated mean value of cart

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn333 Estimated mean value of Hoes

N	Valid	56
	Missing	0
Mean		2371.4286
Mode		2000.00
Std. Deviation		2404.2171
Minimum		2000.00
Maximum		20000.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn334 Estimated mean value of Motocycle

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn335 Estimated mean value of Boats

N	Valid	1
	Missing	55
Mean		60000.00
Mode		60000.00
Minimum		60000.00
Maximum		60000.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

qn336 Estimated mean value bicycle

N	Valid	30
	Missing	26
Mean		55956.67
Mode		60000.00[a]
Std. Deviation		21991.72
Minimum		6500.00
Maximum		85000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn337 Estimated mean value of ploughs

N	Valid	0
	Missing	56

WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn338 Estimated mean value of Tractor

N	Valid	0
	Missing	56

Statistics [a]

qn339 Estimated mean value of Sewing machine

	5
	51
	49600.00
	40000.00

Statistics [b]

qn3310 Estimated mean value of Land (acre)

N	Valid	31
	Missing	25
Mean		70112.67
Mode		40000.00[a]
Std. Deviation		32450.95
Minimum		8600.00
Maximum		177500.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn3311 Estimated mean value of Refrigirator

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn3312 Estimated mean value of Generetor

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn3313 Estimated mean value of Trolley

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn3314 Estimated mean value of Stove

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn3320 Estimated mean value of Vehicle

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn351 Estimated mean value of cattle

N	Valid	1
	Missing	55
Mean		150000.0
Mode		150000.00
Minimum		150000.00
Maximum		150000.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn352 Estimated mean value of Sheep

N	Valid	1
	Missing	55
Mean		10000.00
Mode		10000.00
Minimum		10000.00
Maximum		10000.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn353 Estimated mean value of Goat

N	Valid	28
	Missing	28
Mean		11321.43
Mode		10000.00
Std. Deviation		2919.3298
		10000.00
		20000.00

Statistics [a]

qn354 Estimated mean value of Pig

N	Valid	1
	Missing	55
Mean		10000.00
Mode		10000.00
		10000.00
		10000.00

Statistics [a]

qn355 Estimated mean value of Rabbit

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn356 Estimated mean value of Chicken/ other poultry

N	Valid	41
	Missing	15
Mean		1805.7490
Mode		2000.00
Std. Deviation		396.0947
Minimum		1000.00
Maximum		3000.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

qn357 Estimated mean value of Donkey

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN371A: Green Vegetables acreage:Short rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN371B: Green Vegetables acreage:Long rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN371C: Green Vegetables
Number of units harvest:Short rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN372A: Tomatoes acreage:Short rains

N	Valid	0
	Missing	56

WMAPILOTS = SonQ7.2185 50.76646746.895 1g(6.61 4

Statistics

Statistics [a]

QN372C: Tomatoes Number of units harvest:Short rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN372D: Tomatoes Number of units harvest:Long rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN373A: Maize acreage:Short rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

Statistics [a]

QN373C: Maize Number of units harvest:Short rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN373D: Maize Number of units harvest:Long rains

N	Valid	56
	Missing	0
Mean		20.5179
Mode		10.00
Std. Deviation		15.2029
Minimum		3.00
Maximum		80.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

QN374A: Beans acreage:Short rains

N	Valid	2
	Missing	54
Mean		1.2500
Mode		.50[a]
Std. Deviation		1.0607
Minimum		.50
Maximum		2.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN374B: Beans acreage:Long rains

N	Valid	15
	Missing	41
Mean		.9000
Mode		1.00
Std. Deviation		.3246
Minimum		.25
Maximum		1.50

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

QN374C: Beans Number of units harvest:Short rains

N	Valid	2
	Missing	54
Mean		3.50000
Mode		1.000[a]
Std. Deviation		3.53553
Minimum		1.000
Maximum		6.000

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN374D: Beans Number of units harvest:Long rains

N	Valid	15
	Missing	41
Mean		2.8333
Mode		2.00
Std. Deviation		2.1185
Minimum		1.50
Maximum		10.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN375A: Onions acreage:Short rains

N	Valid	1
	Missing	55
Mean		.2500
Mode		.25
Minimum		.25
Maximum		.25

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN375B: Onions acrege:Long rains

0

Statistics [a]

QN375C: Onions Number of units harvest:Short rains

N	Valid	1
	Missing	55
Mean		15.0000
Mode		15.00
Minimum		15.00
Maximum		15.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN375D: Onions Number of units harvest:Long rains

N	Valid	0
	Missing	56

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

QN376C: Cassava Number of units harvest:Short rains

N	Valid	6
	Missing	50
Mean		26.6667
Mode		20.00[a]
Std. Deviation		12.1106
Minimum		10.00
Maximum		40.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN376D:Cassava Number of units harvest:Long rains

N	Valid	13
	Missing	43
Mean		24.8462
Mode		20.00
Std. Deviation		21.6597
Minimum		5.00
Maximum		70.00

a. WMAPILOTS = Songea Pilot WMA

Statistics [b]

QN377A: Rice acreage:Short rains

N	Valid	2
	Missing	54
Mean		6.0000
Mode		2.00[a]
Std. Deviation		5.6569
Minimum		2.00
Maximum		10.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [b]

QN377C: Rice Number of units harvest:Short rains

N	Valid	2
	Missing	54
Mean		3.5000
Mode		1.00[a]
Std. Deviation		3.5355
Minimum		1.00
Maximum		6.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN377D:Rice Number of units harvest:Long rains

N	Valid	45
	Missing	11
Mean		13.5889
Mode		10.00
Std. Deviation		12.0987
Minimum		2.00
Maximum		60.00

a. WMAPILOTS = Songea Pilot WMA

QN378OTHER CROPS: Other crops * QN378A: Other acreage:Short rains Crosstabulation [a]

Count

		QN378A: Other acreage:Short rains		
		.25 to 2 acres	2.1 to 5 acres	Total
QN378OTHER CROPS: Other crops	Groundnuts	1		1
	tobacco	2	2	4
Total		3	2	5

a. WMAPILOTS = Songea Pilot WMA

QN378OTHER CROPS: Other crops * QN378D: Other Number of units harvest:Long rains Crosstabulation

Count

		QN378D: Other Number of units harvest:Long rains				
		.25 to 2 acres	2.1 to 5 acres	5.1 to 10 acres	10.1 and above acres	180.00
QN378OTHER CROPS: Other crops	Wheat/soghum/millet				1	
	tobacco	4	6	4	7	
Total		4	6	4	8	

a. WMAPILOTS = Songea Pilot WMA

Statistics [a]

QN38: How many rooms does your household have?

Valid	55
Missing	1
	4.1091
	4.00
	2.7667
	1.00
	21.00

QN391: What materials were used to build this house?: walls [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Burnt bricks	52	92.9	92.9	92.9
	Mud and poles	1	1.8	1.8	94.6
	Mud bricks	3	5.4	5.4	100.0
	Total	56	100.0	100.0	

a. WMAPILOTS = Songea Pilot WMA

QN42: How long would it take you to return the borrowed money? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3 - 6 months	1	1.8	100.0	100.0
Missing	99.00	55	98.2		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN43: What do you understand by WMA? [a]

		Frequency			
Valid	Benefit sharing	19	33.9	33.9	33.9
	participation and benefit sharing	3	5.4	5.4	39.3
	benefit sharing and resource conservation	8	14.3	14.3	53.6
	participation, benefit sharing and resouce conservation	1	1.8	1.8	55.4
	All of the above	25	44.6	44.6	100.0
	Total	56	100.0	100.0	

QN44: Do you like the idea of WMA? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	56	100.0	100.0	100.0

a. WMAPILOTS = Songea Pilot WMA

QN45: If No why? [a]

	1	1.8	100.0	100.0
	55			

QN46: What are your opinions for improvement? [a]

7	12.5	13.0	13.0
1	1.8	1.9	14.8
1	1.8	1.9	16.7
6	10.7	11.1	27.8
3	5.4	5.6	33.3
3	5.4	5.6	38.9
1	1.8	1.9	40.7
6	10.7	11.1	51.9
7	12.5	13.0	64.8
12	21.4	22.2	87.0
7	12.5	13.0	100.0
54	96.4	100.0	
2	3.6		
56	100.0		

Statistics

Statistics [a]

QN48: How many village meetings have been called for the past one year

N	Valid	56
	Missing	0
Mean		1.3929
Mode		1.00
Std. Deviation		.8018
Minimum		.00
Maximum		4.00

a. WMAPILOTS = Songea Pilot WMA

QN49: Does the leadership present the annual income & expenditure report? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	55	98.2	100.0	100.0
Missing	99.00	1	1.8		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

QN50: Does the leadership act responsibly and in justice? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	54	96.4	100.0	100.0
Missing	99.00	2	3.6		
Total		56	100.0		

a. WMAPILOTS = Songea Pilot WMA

village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ndenyende	30	33.3	33.3	33.3
	Maruwinyu	30	33.3	33.3	66.7
	Daraja Mbili	30	33.3	33.3	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

Ward [a]

90 100.0

Division [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Matemanga	90	100.0	100.0	100.0

a. WMAPILOTS = Tunduru Pilot WMA

Distric [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tunduru	90	100.0	100.0	100.0

a. WMAPILOTS = Tunduru Pilot WMA

Region [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ruvuma	90	100.0	100.0	100.0

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [b]

QN1: Age

N	Valid	90
	Missing	0
Mean		44.6444
Mode		37.00[a]
Std. Deviation		13.6426
Minimum		20.00
Maximum		75.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Tunduru Pilot WMA

Age categorized [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	19 - 35	28	31.1	31.1	31.1
	36 - 45	24	26.7	26.7	57.8
	46 - 64	31	34.4	34.4	92.2
	65 and above	7	7.8	7.8	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

QN2: Sex of Household Head [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	85	94.4	94.4	94.4
	Female	5	5.6	5.6	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN41A: Number of Adult- Above 15 years:Male

N	Valid	86
	Missing	4
Mean		1.6977
Mode		1.00
Std. Deviation		1.0635
Minimum		1.00
Maximum		5.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN41B: Number of Adult- Above 15 years:Female

N	Valid	90
	Missing	0
Mean		2.0444
Mode		1.00
Std. Deviation		1.4681
Minimum		1.00
Maximum		10.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN42A: Number of children (0 -14): Boys

N	Valid	69
	Missing	21
Mean		2.2754
Mode		1.00
Std. Deviation		1.4234
Minimum		1.00
Maximum		7.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN42B: Number of children (0 -14): Girls

N	Valid	69
	Missing	21
Mean		2.2609
Mode		2.00
Std. Deviation		1.1460
Minimum		1.00
Maximum		5.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN43A: Number of older (61+): Male

N	Valid	6
	Missing	84
Mean		1.0000
Mode		1.00
Std. Deviation		.0000
Minimum		1.00
Maximum		1.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN43B: Number of older (61+): Female

N	Valid	3
	Missing	87
Mean		1.0000
Mode		1.00
Std. Deviation		.0000
Minimum		1.00
Maximum		1.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN44: House Hold Size

N	Valid	90
	Missing	0
Mean		7.2556
Mode		7.00
Std. Deviation		3.8819
Minimum		2.00
Maximum		25.00

a. WMAPILOTS = Tunduru Pilot WMA

QN5: Level of education of the Household head [a]

24	26.7	26.7	26.7
17	18.9	18.9	45.6
46	51.1	51.1	96.7
2	2.2	2.2	98.9
1	1.1	1.1	100.0
90	100.0	100.0	

QN6: Occupation of Head of Household [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Farmer	84	93.3	94.4	94.4
	permanent employee	1	1.1	1.1	95.5
	Casual labour	2	2.2	2.2	97.8
	Carpentry	1	1.1	1.1	98.9
	Bee keeper	1	1.1	1.1	100.0
	Total	89	98.9	100.0	
Missing	99.00	1	1.1		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN7: Where were you born [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	same village	36	40.0	40.4	40.4
	same ward different village	12	13.3	13.5	53.9
	same district different ward	40	44.4	44.9	98.9
	Different region	1	1.1	1.1	100.0
	Total	89	98.9	100.0	
Missing	99.00	1	1.1		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN91: Factors influenced movement to this village [a]

Valid	Villagilazation	25	9.3	44.6	44.6
	Farming	17	6.3	30.4	75.0
	employment	1	.4	1.8	76.8
	marriage	1	.4	1.8	78.6
	follow relatives	3	1.1	5.4	83.9
	Fertile land	1	.4	1.8	85.7
	Better life	1	.4	1.8	87.5
	Drought	5	1.9	8.9	96.4
	Bee keeping	2	.7	3.6	100.0
	Total	56	20.7	100.0	
Missing	99.00	214	79.3		
Total		270	100.0		

QN10: Are there people from your household who have moved out of this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	9	10.0	19.1	19.1
	No	38	42.2	80.9	100.0
	Total	47	52.2	100.0	
Missing	99.00	43	47.8		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [b]

QN111A: what is the age of the moved relative

N	Valid	23
	Missing	337
Mean		25.8261
Mode		16.00[a]
Std. Deviation		11.1952
Minimum		5.00
Maximum		50.00

a. Multiple modes exist. The smallest value is shown

b. Wildlife Management Area = Tunduru Pilot WMA

QN111B: What is the sex of the moved relative [a]

male	18	5.0	58.1	58.1
Female	13	3.6	41.9	100.0
Total	31	8.6	100.0	
	329	91.4		
	360	100.0		

QN111C: What is the reason for moving to this village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Marriage	11	3.1	35.5	35.5
	employment	2	.6	6.5	41.9
	Follow relatives	5	1.4	16.1	58.1
	Business	11	3.1	35.5	93.5
	dirvoced	1	.3	3.2	96.8
	20.0	1	.3	3.2	100.0
	Total	31	8.6	100.0	
Missing	99.0	329	91.4		
Total		360	100.0		

a. Wildlife Management Area = Tunduru Pilot WMA

QN121: Factors influenced movement to that village [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Scacity of land	5	1.9	15.6	15.6
	Scacity of pasture land	1	.4	3.1	18.8
	Drought	1	.4	3.1	21.9
	marriage	1	.4	3.1	25.0
	No business	1	.4	3.1	28.1
	Transferred	1	.4	3.1	31.3
	Employment	1	.4	3.1	34.4
	No employment	2	.7	6.3	40.6
	Villagelization	14	5.2	43.8	84.4
	Game reserve	5	1.9	15.6	100.0
	Total	32	11.9	100.0	
Missing	99.00	238	88.1		
Total		270	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN13: Are there people from your household move in to this village? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	3	3.3	6.0	6.0
	No	47	52.2	94.0	100.0
	Total	50	55.6	100.0	
Missing	99.00	40	44.4		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN141A: what is the age of the moved relative

N	Valid	5
	Missing	355
Mean		27.6000
Mode		9.00
Std. Deviation		17.6862
Minimum		9.00
Maximum		45.00

QN141B: What is the sex of the moved relative [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Female	3	.8	100.0	100.0
Missing	99.00	357	99.2		
Total		360	100.0		

a. Wildlife Management Area = Tunduru Pilot WMA

QN141C: What is the reason for moving [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Marriage	3	.8	100.0	100.0
Missing	99.00	357	99.2		
Total		360	100.0		

a. Wildlife Management Area = Tunduru Pilot WMA

QN151C: Private connection to piped water in house:Amount paid per unit [a]

		Frequency	Percent
Missing	99.00	90	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN152C: Yard tap(shared connection): Amount paid per bucket (20L) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	10.00	1	1.1	100.0	100.0
Missing	99.00	89	98.9		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN152D: Yard tap(shared connection): Amount of time spent collecting water (minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	More than 60 min	1	1.1	100.0	100.0
Missing	99.00	89	98.9		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN154C: Village well: Amount paid per bucket [a]

		Frequency	Percent		
Valid	nothing paid	14	15.6	100.0	100.0
Missing	99.00	76	84.4		
Total		90	100.0		

QN154D: Village well: Amount of time spent collecting water (minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	1	1.1	7.1	7.1
	Less than 30 min	1	1.1	7.1	14.3
	Less than 60 min	3	3.3	21.4	35.7
	More than 60 min	9	10.0	64.3	100.0
	Total	14	15.6	100.0	
Missing	99.00	76	84.4		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN155B: Which source of water do you use during Dry season [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Water vendor	1	1.1	100.0	100.0
Missing	99.00	89	98.9		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN155C: Water vendor (tanker,handcart,….):Amount paid per bucket [a]

Valid	100.00	1	1.1	100.0	100.0
Missing	99.00	89	98.9		
		90	100.0		

QN156D: Rivers and streams:Amount of time spent on collecting water(minutes) [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	2	2.2	3.6	3.6
	Less than 30 min	11	12.2	20.0	23.6
	Less than 60 min	17	18.9	30.9	54.5
	More than 60 min	25	27.8	45.5	100.0
	Total	55	61.1	100.0	
Missing	99.00	35	38.9		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN157D: Spring:Amount of time spent on collecting water (minutes) [a]

2	2.2	10.0	10.0
5	5.6	25.0	35.0
9	10.0	45.0	80.0
4	4.4	20.0	100.0
20	22.2	100.0	
70	77.8		

QN158D: Ponds and Dams sources: Amount of time spent on collecting water (minutes) [a]

		Frequency	Percent
Missing	99.00	90	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN161D: Private connection to piped water in house: Availability from this source [a]

		Frequency	Percent
Missing	99.00	90	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN162C: Yard tap(shared connection): Dry season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 60 min	1	1.1	100.0	100.0
Missing	99.00	89	98.9		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN162D: Yard tap(shared connection): Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Good	1	1.1	100.0	100.0
Missing	99.00	89	98.9		
Total		90	100.0		

QN163D: Own ource(Well, borehore……): Availability from this source [a]

		Frequency	Percent
Missing	99.00	90	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN164B: Village well:Wet season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	2	2.2	15.4	15.4
	Less than 30 min	2	2.2	15.4	30.8
	Less than 60 min	4	4.4	30.8	61.5
	More than 60 min	5	5.6	38.5	100.0
	Total	13	14.4	100.0	
Missing	99.00	77	85.6		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN164C: Village well:Dry season, How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	1	1.1	9.1	9.1
	Less than 30 min	2	2.2	18.2	27.3
	Less than 60 min	1	1.1	9.1	36.4
	More than 60 min	7	7.8	63.6	100.0
	Total	11	12.2	100.0	
Missing	99.00	79	87.8		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN164D: Village well:Availability from this source is [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	7	7.8	50.0	50.0
	fair	5	5.6	35.7	85.7
	Good	2	2.2	14.3	100.0
	Total	14	15.6	100.0	
Missing	99.00	76	84.4		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN165D: Water vendor(tanker, handcart,....): Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	1	1.1	50.0	50.0
	fair	1	1.1	50.0	100.0
	Total	2	2.2	100.0	
Missing	99.00	88	97.8		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN166B: Rivers and streams:Wet season How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	3	3.3	5.9	5.9
	Less than 30 min	33	36.7	64.7	70.6
	Less than 60 min	15	16.7	29.4	100.0
	Total	51	56.7	100.0	
Missing	99.00	39	43.3		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN166C: Rivers and streams:Dry season How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	
Valid	Less than 15 min	1	1.1	2.0	2.0
	Less than 30 min	18	20.0	36.0	38.0
	Less than 60 min	31	34.4	62.0	100.0
	Total	50	55.6	100.0	
Missing	99.00	40	44.4		
Total		90	100.0		

QN166D: Rivers and streams:Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	48	53.3	92.3	92.3
	fair	4	4.4	7.7	100.0
	Total	52	57.8	100.0	
Missing	99.00	38	42.2		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN167B: Spring:Wet season How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	3	3.3	15.8	15.8
	Less than 30 min	4	4.4	21.1	36.8
	Less than 60 min	12	13.3	63.2	100.0
	Total	19	21.1	100.0	
Missing	99.0	71	78.9		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN167C: Spring:Dry season How long do you have to queue to get water [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 15 min	2	2.2	11.1	11.1
	Less than 30 min	2	2.2	11.1	22.2
	Less than 60 min	14	15.6	77.8	100.0
	Total	18	20.0	100.0	
Missing	99.00	72	80.0		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN167D: Spring:Availability from this source [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	4	4.4	17.4	17.4
	fair	14	15.6	60.9	78.3
	Good	5	5.6	21.7	100.0
	Total	23	25.6	100.0	
Missing	99.00	67	74.4		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN168B: Ponds and Dams: Wet season, How long do you have to queue to get water [a]

		FW5310.80cm.4	
Missing	99.00	90	100.0

QN168C: Ponds and Dams: Dry season, How long do you have to queue to get water [a]

Missing	99.00	90

QN168D: Ponds and Dams: Availability from this source [a]

		Frequency	Percent
Missing	99.00	90	100.0

QN17: What is the primary method do you use to treat your water? [a]

	75	83.3	87.2	87.2
	3	3.3		

QN118: What types of toilets systems does this household usually use? [a]

1 1.1 1.2 1.2

QN201: What source of energy do you use for cooking?: Firewood [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Firewood	86	17.1	100.0	100.0
Missing	99.00	416	82.9		
Total		502	100.0		

a. Wildlife Management Area = Tunduru Pilot WMA

QN221: How frequently do you use these resources: Building poles [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Monthly	1	1.1	1.3	1.3
	Annually	76	84.4	98.7	100.0
	Total	77	85.6	100.0	
Missing	99.00	13	14.4		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN222: How frequently do you use these resources Thatching grass [a]

1	1.1	1.1	1.1
86	95.6	98.9	100.0
87	96.7	100.0	
3	3.3		

QN223: How frequently do you use these resources: Game meat [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Monthly	1	1.1	1.1	1.1
	Annually	89	98.9	98.9	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

QN224: How frequently do you use these resources: Medical plants [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Annually	35	38.9	100.0	100.0
Missing	99.00	55	61.1		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN227: How frequently do you use these resources: Others [a]

Valid	Daily	2	2.2	66.7	66.7
	Monthly	1	1.1	33.3	100.0
	Total	3	3.3	100.0	
		87	96.7		
		90	100.0		

QN231: What is the availability of these resources currently: Building poles [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Plenty	78	86.7	100.0	100.0
Missing	99.00	12	13.3		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN232: What is the availability of these resources currently: Thatching

QN233: What is the availability of these resources currently: Game meat [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Low	79	87.8	88.8	88.8
	Medium	10	11.1	11.2	100.0
	Total	89	98.9	100.0	
Missing	99.00	1	1.1		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN234: What is the availability of these resources currently: Medical plants [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Medium	1	1.1	2.6	2.6
	Plenty	37	41.1	94.9	97.4
	9.00	1	1.1	2.6	100.0
	Total	39	43.3	100.0	
Missing	99.00	51	56.7		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN236: What is the availability of these resources currently: Grazing grass [a]

		Frequency	Percent		
Valid	Plenty	31	34.4	100.0	100.0
Missing	99.00	59	65.6		
Total		90	100.0		

QN237: What is the availability of these resources currently: Others [a]

		Frequency	Percent
Missing	99.00	90	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN241: What productive activites do you engage during dry season: Priority 1 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	51	56.7	58.6	58.6
	food crop production	3	3.3	3.4	62.1
	small business	1	1.1	1.1	63.2
	wage employment	1	1.1	1.1	64.4
	vegetable farming	30	33.3	34.5	98.9
	handcrafts for sale	1	1.1	1.1	100.0
	Total	87	96.7	100.0	
Missing	99.00	3	3.3		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN242: What productive activites do you engage during dry season: Priority 2 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	food crop production	2	2.2	5.1	5.1
	small business	13	14.4	33.3	38.5
	wage employment	9	10.0	23.1	61.5
	vegetable farming	13	14.4	33.3	94.9
	handcrafts for sale	1	1.1	2.6	97.4
	tourist	1	1.1	2.6	100.0
	Total	39	43.3	100.0	
Missing	99.00	51	56.7		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN243: What productive activites do you engage during dry season: Priority 3 [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	small business	1	1.1	11.1	11.1
	vegetable farming	7	7.8	77.8	88.9
	tourist	1	1.1	11.1	100.0
	Total	9	10.0	100.0	
Missing	99.00	81	90.0		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN251: what productivities activities do you engage in during the wet/rainy season: priority 1[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	6	6.5	8.3	8.3
	food crop production	29	31.2	40.3	48.6
	small business	7	7.5	9.7	58.3
	wage employment	9	9.7	12.5	70.8
	vegetable farming	17	18.3	23.6	94.4
	handcrafts for sale	3	3.2	4.2	98.6
	Pastoralism	1	1.1	1.4	100.0
	Total	72	77.4	100.0	
Missing	99.00	21	22.6		
Total		93	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN261: what are the potential productive activities do you anticipate resulting from the establishment of the new WMA?: priority 1[a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cash crop farming	1	1.1	1.2	1.2
	food crop production	4	4.3	4.8	6.0
	small business	9	9.7	10.8	16.9
	wage employment	12	12.9	14.5	31.3
	vegetable farming	10	10.8	12.0	43.4
	handcrafts for sale	9	9.7	10.8	54.2
	game meat business	14	15.1	16.9	71.1
	tourist	24	25.8	28.9	100.0
	Total	83	89.2	100.0	
Missing	99.00	10	10.8		
Total		93	100.0		

a. WMAPILOTS = Ngarambe Tapika Pilot WMA

QN27: how much did you earn last season from your economic activities [a]

		Frequency	Percent	Valid Percent	
Valid	Less than 10,000	6	6.7	6.7	6.7
	Between 10,0001 and 20,000	14	15.6	15.6	22.2
	Between 20,001 and 30,000	20	22.2	22.2	44.4
	Between 30,001 and 60,000	16	17.8	17.8	62.2
	Between 60,001 and 100,000	19	21.1	21.1	83.3
	Between 100,001 and 150,000	8	8.9	8.9	92.2
	Between 150,001 and 200,000	3	3.3	3.3	95.6
	Between 200,001 and 300,000	3	3.3	3.3	98.9
	Above 500,001	1	1.1	1.1	100.0
	Total	90	100.0	100.0	

Statistics [a]

QN29: how many members of your household currently earn some income (from a job and/or business and/or part-time work)?

N	Valid	53
	Missing	37
Mean		1.8113
Mode		1.00
Std. Deviation		1.2098
Minimum		.00
Maximum		6.00

a. WMAPILOTS = Tunduru Pilot WMA

QN30:do you receive money in terms of gifts or otherwise from other sources (including relative or friends living outside the village)? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	9	10.0	17.6	17.6
	No	42	46.7	82.4	100.0
	Total	51	56.7	100.0	
Missing	99.00	39	43.3		
Total		90	100.0		

WTotal

Statistics [a]

QN31: If Yes how much money do you receive per year?

N	Valid	13
	Missing	77
Mean		17923.08
Mode		1000.00
Std. Deviation		21316.90
Minimum		1000.00
Maximum		60000.00

Statistics [a]

QN32: Does your household receive any other income

Statistics [b]

qn332 Estimated mean value of cart

N	Valid	2
	Missing	88
Mean		1250.0000
Mode		500.00[a]
Std. Deviation		1060.6602
Minimum		500.00
Maximum		2000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn333 Estimated mean value of Hoes

N	Valid	85
	Missing	5
Mean		2023.5294
Mode		2000.00
Std. Deviation		170.8850
Minimum		1500.00
Maximum		3000.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn334 Estimated mean value of Motocycle

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn335 Estimated mean value of Boats

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn336 Estimated mean value bicycle

N	Valid	18
	Missing	72
Mean		51333.33
Mode		80000.00
Std. Deviation		23820.41
Minimum		17000.00
Maximum		100000.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn337 Estimated mean value of ploughs

N	Valid	1
	Missing	89
Mean		45000.00
Mode		45000.00
Minimum		45000.00
Maximum		45000.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn338 Estimated mean value of Tractor

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [b]

qn339 Estimated mean value of Sewing machine

N	Valid	2
	Missing	88
Mean		82000.00
Mode		75000.00[a]
Std. Deviation		9899.4949
Minimum		75000.00
Maximum		89000.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn3310 Estimated mean value of Land (acre)

N	Valid	51
	Missing	39
Mean		43010.79
Mode		40000.00
Std. Deviation		20126.77
Minimum		2400.00
Maximum		90000.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

Statistics [a]

qn3312 Estimated mean value of Generetor

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn3313 Estimated mean value of Trolley

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn3314 Estimated mean value of Stove

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn3315 Estimated mean value of Radio

	Valid	35
		55
		31079.02
		25000.00
		60279.26
		3500.00
		370099.00

Statistics [a]

qn3316 Estimated mean value of water tank

N	Valid	1
	Missing	89
Mean		2400.0000
Mode		2400.00
Minimum		2400.00
Maximum		2400.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn3317 Estimated mean value of Furniture

N	Valid	50
	Missing	40
Mean		7190.5542
Mode		2000.00
Std. Deviation		6764.9533
Minimum		375.00
Maximum		28888.89

a. WMAPILOTS = Tunduru Pilot WMA

Statistics

Statistics [a]

an3319 Estimated mean value of firearm

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn3320 Estimated mean value of Vehicle

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn354 Estimated mean value of Pig

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn355 Estimated mean value of Rabbit

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

qn357 Estimated mean value of Donkey

	0
	90

QN36: Do you have the farm? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	65	72.2	100.0	100.0
Missing	99.00	25	27.8		
Total		90	100.0		

Statistics [a]

Statistics [a]

QN371B: Green Vegetables acreage:Long rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN371C: Green Vegetables
Number of units harvest:Short rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN371D: Green Vegetables
Number of units harvest:Long rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN372B: Tomatoes acreage:Long rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN372C: Tomatoes Number of units harvest:Short rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN372D: Tomatoes Number of units harvest:Long rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN373A: Maize acreage:Short rains

N	Valid	6
	Missing	84
Mean		3.8667
Mode		4.00
Std. Deviation		1.7512
Minimum		1.00
Maximum		6.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN373B: Maize acreage:Long rains

N	Valid	62
	Missing	28
Mean		2.5710
Mode		2.00
Std. Deviation		1.5288
Minimum		.50
Maximum		7.50

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN373C: Maize Number of units harvest:Short rains

N	Valid	8
	Missing	82
Mean		6.8125
Mode		3.00
Std. Deviation		6.0706
Minimum		1.50
Maximum		20.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN373D: Maize Number of units harvest:Long rains

N	Valid	79
	Missing	11
Mean		7.7025
Mode		3.00
Std. Deviation		6.2821
Minimum		1.00
Maximum		30.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN374A: Beans acreage:Short rains

N	Valid	21
	Missing	69
Mean		2.1905
Mode		1.00
Std. Deviation		2.1064
Minimum		.50
Maximum		8.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN374B: Beans acreage:Long rains

N	Valid	22
	Missing	68
Mean		1.5977
Mode		1.00
Std. Deviation		1.3854
Minimum		.25
Maximum		5.20

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

Statistics [a]

QN374D: Beans Number of units harvest:Long rains

N	Valid	23
	Missing	67
Mean		3.8913
Mode		2.00
Std. Deviation		7.9815
Minimum		.50
Maximum		40.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN375A: Onions acreage:Short rains

N	Valid	0
	Missing	90

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [b]

QN375B: Onions acrege:Long rains

N	Valid	2
	Missing	88
Mean		1.2500
Mode		1.00[a]
Std. Deviation		;
		1.00
		1.50

Statistics [a]

QN375C: Onions Number of units harvest:Short rains

N	Valid	1
	Missing	89
Mean		10.0000
Mode		10.00
Minimum		10.00
Maximum		10.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [b]

QN375D: Onions Number of units harvest:Long rains

N	Valid	2
	Missing	88
Mean		7.0000
Mode		4.00[a]
Std. Deviation		4.2426
Minimum		4.00
Maximum		10.00

a. Multiple modes exist. The smallest value is shown

b. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN376B: Cassava acreage:Long rains

N	Valid	28
	Missing	62
Mean		2.8929
Mode		3.00
Std. Deviation		1.3835
Minimum		1.00
Maximum		6.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

Statistics [a]

QN376D:Cassava Number of units harvest:Long rains

N	Valid	37
	Missing	53
Mean		28.6216
Mode		10.00
Std. Deviation		30.0835
Minimum		1.00
Maximum		150.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN377B: Rice acreage:Long rains

	43
	47
	1.2419
	.50
	.8700
	.25
	6W*nB

Statistics [a]

QN377D:Rice Number of units harvest:Long rains

N	Valid	43
	Missing	47
Mean		5.5233
Mode		4.00
Std. Deviation		4.4761
Minimum		2.00
Maximum		25.00

a. WMAPILOTS = Tunduru Pilot WMA

QN378OTHER CROPS: Other crops * QN378A: Other acreage:Short rains Crosstabulation [a]

Count

		.25 to 2 acres	2.1 to 5 acres	
QN378OTHER CROPS: Other crops	Groundnuts	4	3	7
Total		4	3	7

QN378OTHER CROPS: Other crops * QN378B: Other acreage:Long rains[a] Crosstabulation

Count

		QN378B: Other acreage:Long rains		
		.25 to 2 acres	2.1 to 5 acres	Total
QN378OTHER CROPS: Other crops	Wheat/soghum/millet		1	1
	Groundnuts	10	3	13
	tobacco	1		1
Total		11	4	15

a. WMAPILOTS = Tunduru Pilot WMA

QN378OTHER CROPS: Other crops * QN378C: Other Number of units harvest:Short rains Crosstabulation[a]

Count

		QN378C: Other Number of units harvest:Short rains				
		2.1 to 5 acres	5.1 to 10 acres	10.1 and above acres	400.00	Total
QN378OTHER CROPS: Other crops	Groundnuts	5	2	1	1	9
Total		5	2	1	1	9

a. WMAPILOTS = Tunduru Pilot WMA

QN378OTHER CROPS: Other crops * QN378D: Other Number of units harvest:Long rains Crosstabulation[a]

Count

		QN378D: Other Number of units harvest:Long rains					
		.25 to 2 acres	2.1 to 5 acres	5.1 to 10 acres	10.1 and above acres	800.00	To
QN378OTHER CROPS: Other crops	Wheat/soghum/millet				1		
	Groundnuts	1	1	4	7	1	
	tobacco				1		
Total		1	1	4	9	1	

a. WMAPILOTS = Tunduru Pilot WMA

Statistics[a]

QN38: How many rooms does your household have?

N	Valid	81
	Missing	9
Mean		3.0123
Mode		3.00
Std. Deviation		1.2599
Minimum		1.00
Maximum		10.00

a. WMAPILOTS = Tunduru Pilot WMA

QN392: What materials were used to build this house?: Floor [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Cement and sand	9	10.0	10.0	10.0
	Earth/Clay	81	90.0	90.0	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

QN393: What materials were used to build this house?: Roof [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Thatching grass/palm thatch	74	82.2	82.2	82.2
	Mud poles and grass	1	1.1	1.1	83.3
	corrugated iron sheets	15	16.7	16.7	100.0
	Total	90	100.0	100.0	

QN40: Have you ever-borrowed money [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	3	3.3	6.1	6.1
	No	46	51.1	93.9	100.0
	Total	49	54.4	100.0	
Missing	99.00	41	45.6		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN41: Where or from whom do you borrow the money [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Friend	3	3.3	75.0	75.0
	Businessman	1	1.1	25.0	100.0
	Total	4	4.4	100.0	
Missing	99.00	86	95.6		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA

QN42: How long would it take you to return the borrowed money?

QN43: What do you understand by WMA? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Participation	2	2.2	2.2	2.2
	Benefit sharing	21	23.3	23.3	25.6
	Resource conservation	5	5.6	5.6	31.1
	participation and benefit sharing	9	10.0	10.0	41.1
	participation and resouce conservation	4	4.4	4.4	45.6
	benefit sharing and resource conservation	9	10.0	10.0	55.6
	participation, benefit sharing and resouce conservation	5	5.6	5.6	61.1
	participation, benefit sharing and follow WMA	2	2.2	2.2	63.3
	All of the above	33	36.7	36.7	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

QN44: Do you like the idea of WMA? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	90	100.0	100.0	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN45: If No why? [a]

		Frequency	Percent
Missing	99.00	90	100.0

a. WMAPILOTS = Tunduru Pilot WMA

QN46: What are your opinions for improvement? [a]

Valid	Game scout to protect areas	28	31.1	34.1	34.1
	village participation	2	2.2	2.4	36.6
	pourchers disturbunce	3	3.3	3.7	40.2
	educating villagers	12	13.3	14.6	54.9
	Need more awareness	3	3.3	3.7	58.5
	Ensure social And economic development	8	8.9	9.8	68.3
	Capacity building	4	4.4	4.9	73.2
	Capacity building	12	13.3	14.6	87.8
	Solve the conflicts of village boundaries	10	11.1	12.2	100.0
	Total	82	91.1	100.0	
	99.00	8	8.9		
		90	100.0		

Statistics [a]

QN47: How many times have you been involved in a village collective activities last year?

N	Valid	84
	Missing	6
Mean		2.1190
Mode		2.00
Std. Deviation		1.1761
Minimum		.00
Maximum		6.00

a. WMAPILOTS = Tunduru Pilot WMA

Statistics [a]

QN48: How many village meetings have been called for the past one year

N	Valid	81
	Missing	9
Mean		1.5432
Mode		1.00
Std. Deviation		.8070
Minimum		1.00
Maximum		5.00

a. WMAPILOTS = Tunduru Pilot WMA

QN49: Does the leadership present the annual income & expenditure report? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	89	98.9	98.9	98.9
	No	1	1.1	1.1	100.0
	Total	90	100.0	100.0	

a. WMAPILOTS = Tunduru Pilot WMA

QN50: Does the leadership act responsibly and in justice? [a]

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	87	96.7	100.0	100.0
Missing	99.00	3	3.3		
Total		90	100.0		

a. WMAPILOTS = Tunduru Pilot WMA