

## household size by Cat Livestock Units

### Tables

	Category of Total livestock Unit			
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
total householdsize	6.28	6.62	6.97	6.75

	Category of Total livestock Unit		
	Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units
total householdsize	7.39	6.41	7.32

## Compare means of household size by type Cat Livestock Units

### Oneway

#### Descriptives

total householdsize

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	6.2755	2.97812	.17369	5.9337
Between 0 and 1 total Livestock units	154	6.6234	3.00561	.24220	6.1449
Between 1 and 3 total Livestock units	32	6.9688	2.75311	.48669	5.9761
Between 3 and 5 total Livestock units	20	6.7500	1.99671	.44648	5.8155
Between 5 and 7 total Livestock units	23	7.3913	3.35395	.69935	5.9409
Between 7 and 10 total livestock units	32	6.4063	2.83821	.50173	5.3830
more than 10 total livestock units	44	7.3182	3.60086	.54285	6.2234
Total	599	6.5442	3.01018	.12299	6.3027

#### Descriptives

total householdsize

	95% Confidence Interval for...	Minimum	Maximum
	Upper Bound		
0 total Livestock units	6.6173	1.00	15.00
Between 0 and 1 total Livestock units	7.1019	1.00	14.00
Between 1 and 3 total Livestock units	7.9614	2.00	15.00
Between 3 and 5 total Livestock units	7.6845	2.00	10.00
Between 5 and 7 total Livestock units	8.8417	2.00	15.00
Between 7 and 10 total livestock units	7.4295	3.00	13.00
more than 10 total livestock units	8.4129	2.00	15.00
Total	6.7858	1.00	15.00

Compare means of household size by type Cat Livestock Units

### ANOVA

total householdsize

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	72.277	6	12.046	1.334	.240
Within Groups	5346.301	592	9.031		
Total	5418.578	598			

## age head of the household by Cat Livestock Units

### Tables

	Category of Total livestock Unit				
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units
Age Head	54	57	62	58	63

	Category of Total livestock Unit	
	Between 7 and 10 total livestock units	more than 10 total livestock units
Age Head	61	66

## Compare means average age head by Cat Livestock Units

### Oneway

#### Descriptives

Age Head

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	292	53.51	14.947	.875	51.79
Between 0 and 1 total Livestock units	152	56.66	13.956	1.132	54.42
Between 1 and 3 total Livestock units	32	61.50	14.549	2.572	56.25
Between 3 and 5 total Livestock units	20	58.10	14.639	3.273	51.25
Between 5 and 7 total Livestock units	23	63.26	9.841	2.052	59.01
Between 7 and 10 total livestock units	31	60.65	14.006	2.516	55.51
more than 10 total livestock units	44	65.86	14.156	2.134	61.56
Total	594	56.57	14.840	.609	55.37

#### Descriptives

Age Head

	95% Confidence Interval for...	Minimum	Maximum
	Upper Bound		
0 total Livestock units	55.23	16	91
Between 0 and 1 total Livestock units	58.89	27	91
Between 1 and 3 total Livestock units	66.75	26	88
Between 3 and 5 total Livestock units	64.95	25	82
Between 5 and 7 total Livestock units	67.52	39	78
Between 7 and 10 total livestock units	65.78	35	91
more than 10 total livestock units	70.17	31	99
Total	57.76	16	99

Compare means average age head by Cat Livestock Units

### ANOVA

Age Head

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8904.246	6	1484.041	7.158	.000
Within Groups	121693.693	587	207.315		
Total	130597.939	593			

## education level of the head by Cat Livestock Units

### Tables

	Category of Total livestock Unit				
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units
Education level	3	3	3	3	3

	Category of Total livestock Unit	
	Between 7 and 10 total livestock units	more than 10 total livestock units
Education level	3	3

## education level of the head by district

### Tables

	Category of Total livestock Unit				
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units
Education level	3	3	3	3	3

	Category of Total livestock Unit	
	Between 7 and 10 total livestock units	more than 10 total livestock units
Education level	3	3



## education level of the head

### Tables

	Category of Total livestock Unit				
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units
Education level	3	3	3	3	3

	Category of Total livestock Unit	
	Between 7 and 10 total livestock units	more than 10 total livestock units
Education level	3	3

## Compare means education level by Cat Livestock Units

### Crosstabs

#### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Education level * Category of Total livestock Unit	593	99.0%	6	1.0%	599	100.0%

#### Education level \* Category of Total livestock Unit Crosstabulation

Count

		Category of Total livestock Unit		
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units
Education level	0	1	0	0
	No schooling	78	65	4
	Junior primary (Gr 0 through to Gr 4/ Std 2)	50	22	7
	Senior primary (Gr 5/ Std 3 to Gr 7/ Std 5)	44	18	10
	Some Secondary (Gr 8/ Std 6 to Gr 11/ Std 9/ Form 4)	55	22	6
	Completed high school (Gr 12/Std 10/Form 5/ Matric)	37	14	3
	Courses or certificates for formal training	11	5	1
	Diploma or degree	16	6	0
Total		292	152	31

## Compare means education level by Cat Livestock Units

### Education level \* Category of Total livestock Unit Crosstabulation

Count

		Category of Total livestock Unit		
		Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units
Education level	0	0	0	0
	No schooling	9	8	15
	Junior primary (Gr 0 through to Gr 4/ Std 2)	2	4	2
	Senior primary (Gr 5/ Std 3 to Gr 7/ Std 5)	0	3	4
	Some Secondary (Gr 8/ Std 6 to Gr 11/ Std 9/ Form 4)	6	4	6
	Completed high school (Gr 12/Std 10/Form 5/ Matric)	1	1	3
	Courses or certificates for formal training	1	1	1
	Diploma or degree	1	1	1
Total		20	22	32

### Education level \* Category of Total livestock Unit Crosstabulation

Count

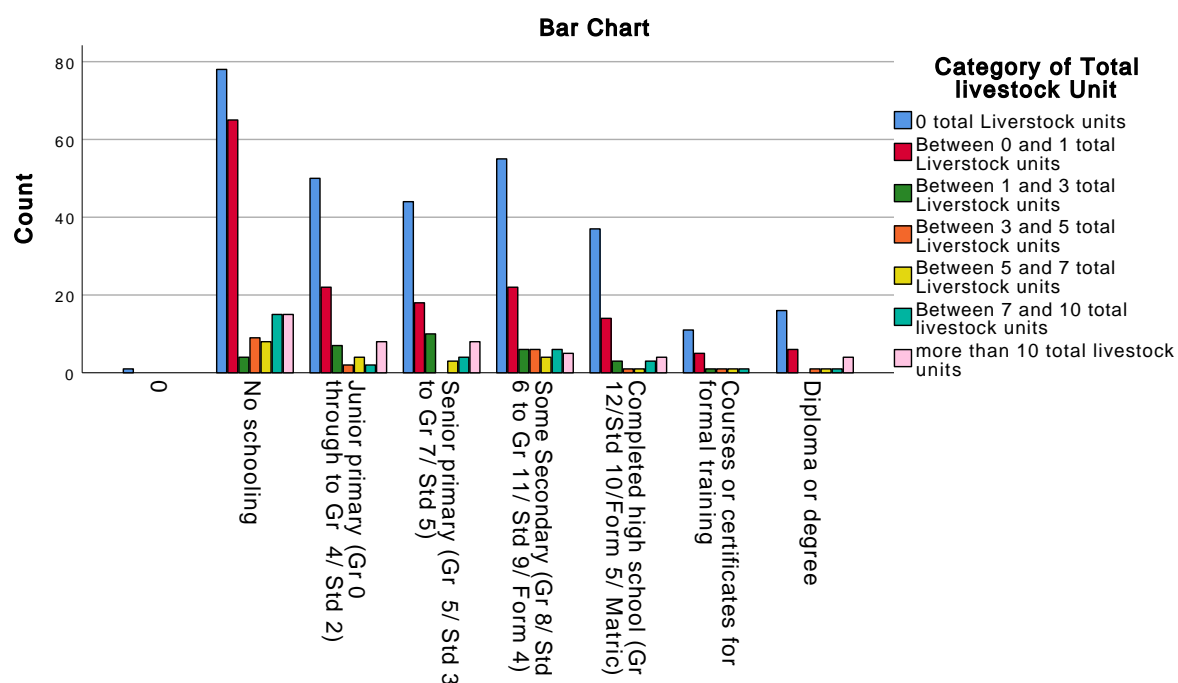
		Category of...	Total
		more than 10 total livestock units	
Education level	0	0	1
	No schooling	15	194
	Junior primary (Gr 0 through to Gr 4/ Std 2)	8	95
	Senior primary (Gr 5/ Std 3 to Gr 7/ Std 5)	8	87
	Some Secondary (Gr 8/ Std 6 to Gr 11/ Std 9/ Form 4)	5	104
	Completed high school (Gr 12/Std 10/Form 5/ Matric)	4	63
	Courses or certificates for formal training	0	20
	Diploma or degree	4	29
Total		44	593

## Compare means education level by Cat Livestock Units

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	42.862 <sup>a</sup>	42	.434
Likelihood Ratio	48.538	42	.226
Linear-by-Linear Association	2.085	1	.149
N of Valid Cases	593		

a. 31 cells (55.4%) have expected count less than 5. The minimum expected count is .03.



## total household migration by Cat Livestock Units

### Oneway

#### Descriptives

total household migration

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	141	1.8369	1.32355	.11146	1.6165
Between 0 and 1 total Livestock units	69	1.9130	1.48264	.17849	1.5569
Between 1 and 3 total Livestock units	16	1.6875	1.13835	.28459	1.0809
Between 3 and 5 total Livestock units	6	2.0000	1.26491	.51640	.6726
Between 5 and 7 total Livestock units	14	1.9286	1.32806	.35494	1.1618
Between 7 and 10 total livestock units	14	1.7857	1.12171	.29979	1.1381
more than 10 total livestock units	23	2.0870	1.41142	.29430	1.4766
Total	283	1.8728	1.34140	.07974	1.7158

#### Descriptives

total household migration

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	2.0572	1.00	7.00
Between 0 and 1 total Livestock units	2.2692	1.00	7.00
Between 1 and 3 total Livestock units	2.2941	1.00	4.00
Between 3 and 5 total Livestock units	3.3274	1.00	4.00
Between 5 and 7 total Livestock units	2.6954	1.00	5.00
Between 7 and 10 total livestock units	2.4334	1.00	4.00
more than 10 total livestock units	2.6973	1.00	6.00
Total	2.0297	1.00	7.00

# total household migration by Cat Livestock Units

## ANOVA

total household migration

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.145	6	.357	.195	.978
Within Groups	505.276	276	1.831		
Total	507.420	282			

## total number of month from home by Cat Livestock Units

### Tables

	Category of Total livestock Unit			
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
total months migration household	7.54	6.79	5.13	4.15

	Category of Total livestock Unit		
	Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units
total months migration household	10.30	4.03	9.25

## number of months from home by Cat Livestock Units

### Oneway

#### Descriptives

total months migration household

	N	Mean	Std. Deviation	Std. Error	95% Confidence ... Lower Bound
0 total Livestock units	292	7.5377	11.72166	.68596	6.1876
Between 0 and 1 total Livestock units	154	6.7922	12.63860	1.01845	4.7802
Between 1 and 3 total Livestock units	32	5.1250	9.38685	1.65938	1.7407
Between 3 and 5 total Livestock units	20	4.1500	10.23552	2.28873	-.6404
Between 5 and 7 total Livestock units	23	10.3043	14.02412	2.92423	4.2399
Between 7 and 10 total livestock units	32	4.0313	5.93233	1.04870	1.8924
more than 10 total livestock units	44	9.2500	14.01349	2.11261	4.9895
Total	597	7.1474	11.87992	.48621	6.1925

#### Descriptives

total months migration household

	95% Confidence Interval for...		
	Upper Bound	Minimum	Maximum
0 total Livestock units	8.8877	.00	82.00
Between 0 and 1 total Livestock units	8.8042	.00	66.00
Between 1 and 3 total Livestock units	8.5093	.00	38.00
Between 3 and 5 total Livestock units	8.9404	.00	43.00
Between 5 and 7 total Livestock units	16.3688	.00	48.00
Between 7 and 10 total livestock units	6.1701	.00	20.00
more than 10 total livestock units	13.5105	.00	60.00
Total	8.1023	.00	82.00



number of months from home by Cat Livestock Units

### ANOVA

total months migration household

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1108.954	6	184.826	1.314	.249
Within Groups	83006.075	590	140.688		
Total	84115.028	596			

## average Hh migration by Cat Livestock Units

### Tables

	0 total Livestock units	Category of Total livestock Unit		
		Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
total hh average migration	4.22	3.49	3.02	1.78

	Category of Total livestock Unit		
	Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units
total hh average migration	4.99	2.49	4.28

compare means average Hh migration by Cat Livestock Units

## Oneway

### Descriptives

total hh average migration

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	290	4.2164	4.92469	.28919	3.6472
Between 0 and 1 total Livestock units	154	3.4863	4.52067	.36429	2.7667
Between 1 and 3 total Livestock units	31	3.0215	3.98022	.71487	1.5616
Between 3 and 5 total Livestock units	20	1.7792	3.62701	.81102	.0817
Between 5 and 7 total Livestock units	23	4.9862	4.98569	1.03959	2.8303
Between 7 and 10 total livestock units	32	2.4948	3.52601	.62332	1.2235
more than 10 total livestock units	43	4.2771	4.78080	.72907	2.8058
Total	593	3.8235	4.68887	.19255	3.4453

### Descriptives

total hh average migration

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	4.7856	.00	13.50
Between 0 and 1 total Livestock units	4.2060	.00	12.00
Between 1 and 3 total Livestock units	4.4815	.00	12.00
Between 3 and 5 total Livestock units	3.4767	.00	12.00
Between 5 and 7 total Livestock units	7.1422	.00	12.00
Between 7 and 10 total livestock units	3.7661	.00	12.00
more than 10 total livestock units	5.7484	.00	12.00
Total	4.2017	.00	13.50

compare means average Hh migration by Cat Livestock Units

### ANOVA

total hh average migration

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	262.231	6	43.705	2.008	.063
Within Groups	12753.208	586	21.763		
Total	13015.439	592			

statistics amount of Household members migratiing

## Frequencies

### Statistics

amountofHhmembersmigrating

N	Valid	599
	Missing	0

### amountofHhmembersmigrating

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	357	59.6	59.6	59.6
	1.00	162	27.0	27.0	86.6
	2.00	44	7.3	7.3	94.0
	3.00	20	3.3	3.3	97.3
	4.00	9	1.5	1.5	98.8
	5.00	2	.3	.3	99.2
	6.00	5	.8	.8	100.0
	Total	599	100.0	100.0	

## Household members migrating by Cat Livestock Units

### Tables

	Category of Total livestock Unit				
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units
	.66	.60	.66	.55	.87

	Category of Total livestock Unit	
	Between 7 and 10 total livestock units	more than 10 total livestock units
	.47	.75

## Household members migrating by Cat Livestock Units

### Crosstabs

#### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
amountofHhmembersmigrating * Category of Total livestock Unit	599	100.0%	0	0.0%	599	100.0%

#### amountofHhmembersmigrating \* Category of Total livestock Unit Crosstabulation

Count

		Category of Total livestock Unit			
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
amountofHhmembersmigrating	.00	170	94	17	12
	1.00	85	41	11	6
	2.00	20	12	3	1
	3.00	12	5	0	1
	4.00	4	0	1	0
	5.00	1	0	0	0
	6.00	2	2	0	0
Total		294	154	32	20

#### amountofHhmembersmigrating \* Category of Total livestock Unit Crosstabulation

Count

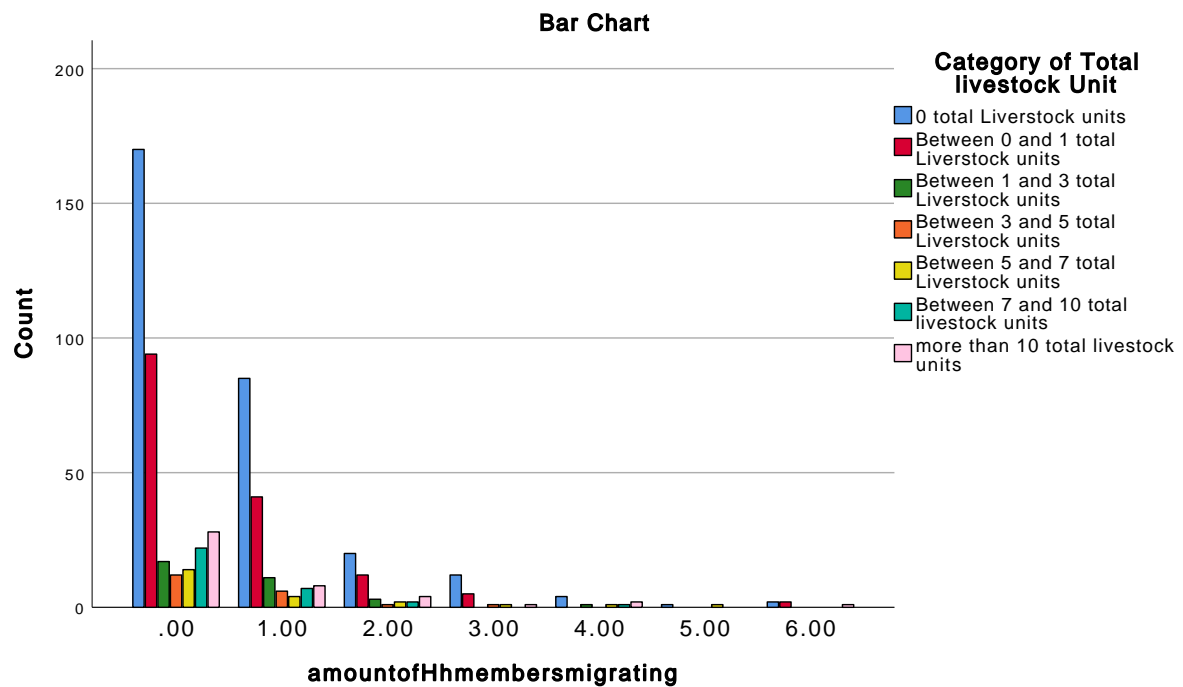
		Category of Total livestock Unit			Total
		Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units	
amountofHhmembersmigrating	.00	14	22	28	357
	1.00	4	7	8	162
	2.00	2	2	4	44
	3.00	1	0	1	20
	4.00	1	1	2	9
	5.00	1	0	0	2
	6.00	0	0	1	5
Total		23	32	44	599

## Household members migrating by Cat Livestock Units

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.510 <sup>a</sup>	36	.727
Likelihood Ratio	27.411	36	.848
Linear-by-Linear Association	.030	1	.863
N of Valid Cases	599		

a. 31 cells (63.3%) have expected count less than 5. The minimum expected count is .07.





active persons/ Total household size by Cat Livestock Units

## Crosstabs

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
activeadult * Category of Total livestock Unit	599	100.0%	0	0.0%	599	100.0%

### activeadult \* Category of Total livestock Unit Crosstabulation

Count

		Category of Total livestock Unit			
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
activeadult	.00	8	2	1	0
	1.00	27	10	1	1
	2.00	51	22	4	3
	3.00	51	26	4	7
	4.00	59	24	7	2
	5.00	34	32	8	3
	6.00	35	17	3	0
	7.00	17	4	2	3
	8.00	4	9	1	1
	9.00	4	3	0	0
	10.00	3	4	0	0
	11.00	1	1	0	0
	12.00	0	0	1	0
Total		294	154	32	20

active persons/ Total household size by Cat Livestock Units

**activeadult \* Category of Total livestock Unit Crosstabulation**

Count

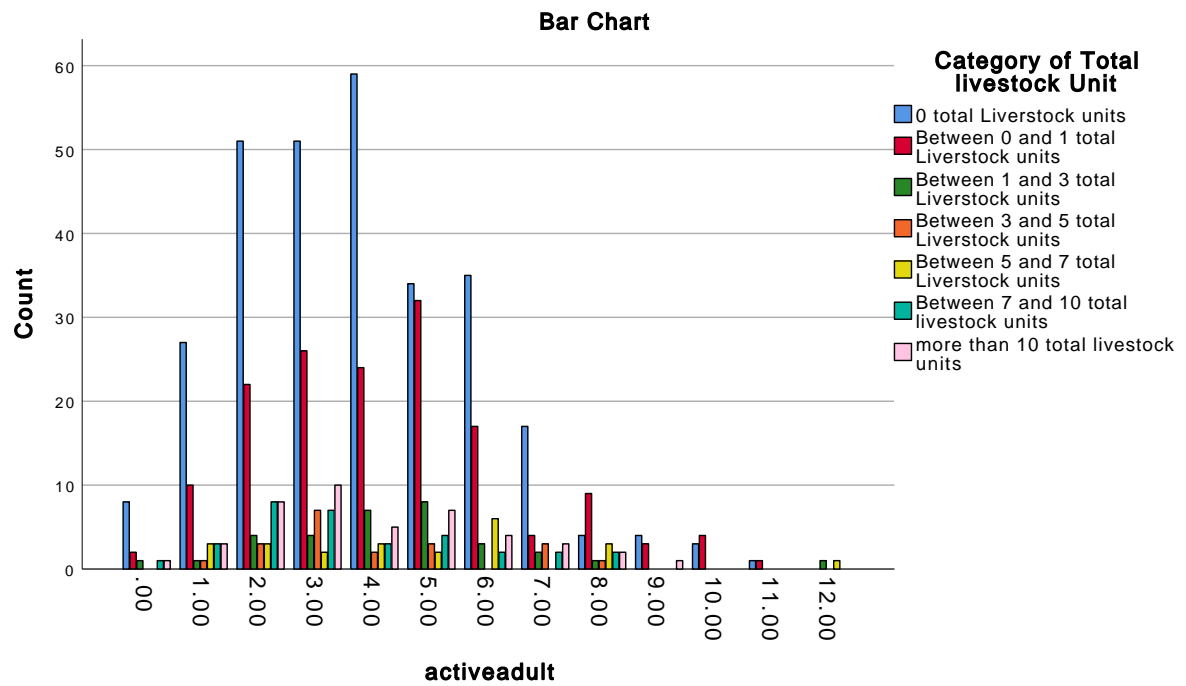
		Category of Total livestock Unit			Total
		Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units	
activeadult	.00	0	1	1	13
	1.00	3	3	3	48
	2.00	3	8	8	99
	3.00	2	7	10	107
	4.00	3	3	5	103
	5.00	2	4	7	90
	6.00	6	2	4	67
	7.00	0	2	3	31
	8.00	3	2	2	22
	9.00	0	0	1	8
	10.00	0	0	0	7
	11.00	0	0	0	2
	12.00	1	0	0	2
Total		23	32	44	599

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	83.064 <sup>a</sup>	72	.175
Likelihood Ratio	75.835	72	.356
Linear-by-Linear Association	.180	1	.671
N of Valid Cases	599		

a. 64 cells (70.3%) have expected count less than 5. The minimum expected count is .07.

# active persons/ Total household size by Cat Livestock Units



compare means active persons by Cat Livestock Units

compare means active persons by Cat Livestock Units

## Oneway

### Descriptives

activeadult

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	3.8299	2.07824	.12121	3.5914
Between 0 and 1 total Livestock units	154	4.3377	2.23817	.18036	3.9814
Between 1 and 3 total Livestock units	32	4.4063	2.25559	.39874	3.5930
Between 3 and 5 total Livestock units	20	4.0000	1.97351	.44129	3.0764
Between 5 and 7 total Livestock units	23	4.7391	2.75049	.57352	3.5497
Between 7 and 10 total livestock units	32	3.5625	2.10893	.37281	2.8022
more than 10 total livestock units	44	3.9545	2.11258	.31848	3.3123
Total	599	4.0267	2.16755	.08856	3.8528

### Descriptives

activeadult

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	4.0685	.00	11.00
Between 0 and 1 total Livestock units	4.6940	.00	11.00
Between 1 and 3 total Livestock units	5.2195	.00	12.00
Between 3 and 5 total Livestock units	4.9236	1.00	8.00
Between 5 and 7 total Livestock units	5.9285	1.00	12.00
Between 7 and 10 total livestock units	4.3228	.00	8.00
more than 10 total livestock units	4.5968	.00	9.00
Total	4.2006	.00	12.00

compare means active persons by Cat Livestock Units

### ANOVA

activeadult

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	49.697	6	8.283	1.777	.102
Within Groups	2759.876	592	4.662		
Total	2809.573	598			

## total persons working by Cat Livestock Units

### Ratio Statistics

#### Case Processing Summary

		Count	Percent
Category of Total livestock Unit	0 total Livestock units	294	49.1%
	Between 0 and 1 total Livestock units	154	25.7%
	Between 1 and 3 total Livestock units	32	5.3%
	Between 3 and 5 total Livestock units	20	3.3%
	Between 5 and 7 total Livestock units	23	3.8%
	Between 7 and 10 total livestock units	32	5.3%
	more than 10 total livestock units	44	7.3%
Overall		599	100.0%
Excluded		0	
Total		599	

#### Ratio Statistics for HHTotalPersonsWorking / total householdsize

Group	Price Related Differential	Coefficient of Dispersion	Coefficient of Variation	
			Mean Centered	Median Centered
0 total Livestock units	1.063	.972	110.6%	135.0%
Between 0 and 1 total Livestock units	.972	1.026	110.9%	132.3%
Between 1 and 3 total Livestock units	.956	1.022	110.3%	133.8%
Between 3 and 5 total Livestock units	.962	.	142.7%	.
Between 5 and 7 total Livestock units	.935	.706	92.1%	95.8%
Between 7 and 10 total livestock units	1.165	1.075	112.6%	140.2%
more than 10 total livestock units	.949	.989	107.6%	127.8%
Overall	1.022	.929	111.1%	124.2%

compare means total persons working by Cat Livestock Units

## Oneway

### Descriptives

Ratioworking\_Hhsize

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.1723	.19062	.01112	.1504
Between 0 and 1 total Livestock units	154	.1478	.16380	.01320	.1217
Between 1 and 3 total Livestock units	32	.1415	.15611	.02760	.0852
Between 3 and 5 total Livestock units	20	.1069	.15251	.03410	.0355
Between 5 and 7 total Livestock units	23	.1485	.13671	.02851	.0894
Between 7 and 10 total livestock units	32	.1364	.15362	.02716	.0811
more than 10 total livestock units	44	.1680	.18076	.02725	.1131
Total	599	.1590	.17662	.00722	.1449

### Descriptives

Ratioworking\_Hhsize

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.1942	.00	1.00
Between 0 and 1 total Livestock units	.1738	.00	.67
Between 1 and 3 total Livestock units	.1978	.00	.60
Between 3 and 5 total Livestock units	.1783	.00	.44
Between 5 and 7 total Livestock units	.2076	.00	.50
Between 7 and 10 total livestock units	.1918	.00	.57
more than 10 total livestock units	.2230	.00	.60
Total	.1732	.00	1.00



compare means total persons working by Cat Livestock Units

### ANOVA

Ratioworking\_Hhsize

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.158	6	.026	.843	.537
Within Groups	18.497	592	.031		
Total	18.655	598			

# independency ratio by Cat Livestock Units

## Crosstabs

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
independency ratio (share of income earners) * Category of Total livestock Unit	599	100.0%	0	0.0%	599	100.0%

### independency ratio (share of income earners) \* Category of Total livestock Unit Crosstabulation

Count

		Category of Total livestock Unit			
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
independency ratio (share of income earners)	.00	104	62	13	11
	.07	0	0	0	0
	.07	1	0	0	0
	.08	1	1	0	0
	.08	2	2	0	0
	.09	3	4	0	0
	.10	7	5	0	0
	.11	11	3	3	1
	.13	7	4	1	1
	.13	3	0	0	0
	.14	13	5	1	3
	.15	0	0	0	0
	.17	20	13	2	0
	.18	2	0	0	0
	.20	19	16	4	1
	.22	5	2	1	0
	.23	0	1	0	0
	.25	33	7	2	0
	.27	2	0	0	0
	.27	0	2	0	0
	.29	9	2	2	0
	.30	1	0	0	0
	.31	0	1	0	0
	.33	19	9	0	0

independency ratio by Cat Livestock Units

**independency ratio (share of income earners) \* Category of Total livestock Unit Crosstabulation**

Count

		Category of Total livestock Unit			Total
		Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units	
independency ratio (share of income earners)	.00	7	13	16	226
	.07	0	0	1	1
	.07	0	0	0	1
	.08	0	1	1	4
	.08	0	1	0	5
	.09	0	0	1	8
	.10	0	0	1	13
	.11	3	2	1	24
	.13	0	1	0	14
	.13	0	0	0	3
	.14	2	0	4	28
	.15	0	1	0	1
	.17	3	2	1	41
	.18	0	0	1	3
	.20	2	4	2	48
	.22	3	0	1	12
	.23	0	0	0	1
	.25	0	2	5	49
	.27	0	0	0	2
	.27	0	0	0	2
	.29	1	0	0	14
	.30	0	0	0	1
	.31	0	0	0	1
	.33	0	3	3	34

independency ratio by Cat Livestock Units

**independency ratio (share of income earners) \* Category of Total livestock Unit Crosstabulation**

Count

		Category of Total livestock Unit			
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
	.36	0	1	0	0
	.38	1	1	0	0
	.38	0	1	0	0
	.40	6	1	2	1
	.43	4	2	0	1
	.44	1	0	0	1
	.50	8	5	0	0
	.56	1	0	0	0
	.57	0	0	0	0
	.60	1	0	1	0
	.67	5	4	0	0
	1.00	5	0	0	0
Total		294	154	32	20

**independency ratio (share of income earners) \* Category of Total livestock Unit Crosstabulation**

Count

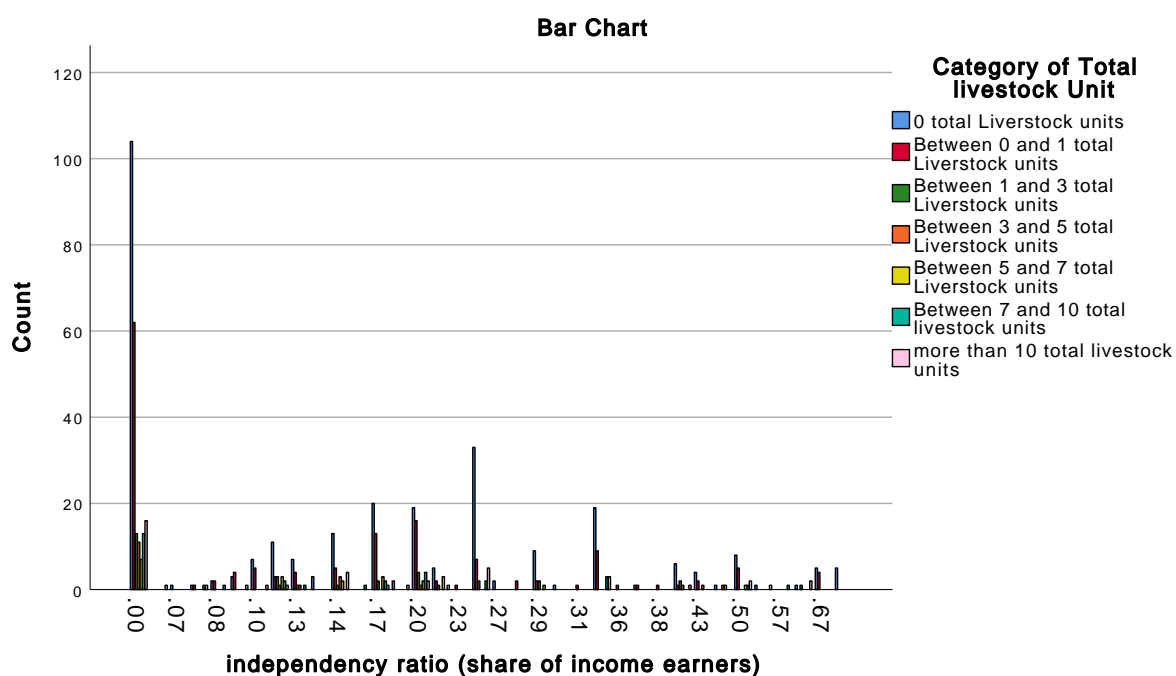
		Category of Total livestock Unit			Total
		Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units	
	.36	0	0	0	1
	.38	0	0	0	2
	.38	0	0	0	1
	.40	0	0	1	11
	.43	0	0	0	7
	.44	1	0	0	3
	.50	1	1	2	17
	.56	0	0	1	2
	.57	0	1	0	1
	.60	0	0	2	4
	.67	0	0	0	9
	1.00	0	0	0	5
Total		23	32	44	599

## independency ratio by Cat Livestock Units

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	223.567 <sup>a</sup>	210	.248
Likelihood Ratio	188.833	210	.850
Linear-by-Linear Association	.991	1	.319
N of Valid Cases	599		

a. 227 cells (90.1%) have expected count less than 5. The minimum expected count is .03.



dependencyratio by Cat Lu for all households

## Crosstabs

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
dependency ratio (share of non income earners) * Category of Total livestock Unit	599	100.0%	0	0.0%	599	100.0%

### dependency ratio (share of non income earners) \* Category of Total livestock Unit Crosstabulation

Count

		Category of Total livestock Unit			
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
dependency ratio (share of non income earners)	.00	5	0	0	0
	.33	5	4	0	0
	.40	1	0	1	0
	.43	0	0	0	0
	.44	1	0	0	0
	.50	8	5	0	0
	.56	1	0	0	1
	.57	4	2	0	1
	.60	6	1	2	1
	.62	0	1	0	0
	.63	1	1	0	0
	.64	0	1	0	0
	.67	19	9	0	0
	.69	0	1	0	0
	.70	1	0	0	0
	.71	9	2	2	0
	.73	0	2	0	0
	.73	2	0	0	0
	.75	33	7	2	0
	.77	0	1	0	0
	.78	5	2	1	0
	.80	19	16	4	1
	.82	2	0	0	0
	.83	20	13	2	0

dependencyratio by Cat Lu for all households

**dependency ratio (share of non income earners) \* Category of Total livestock Unit Crosstabulation**

Count

		Category of Total livestock Unit			Total
		Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units	
dependency ratio (share of non income earners)	.00	0	0	0	5
	.33	0	0	0	9
	.40	0	0	2	4
	.43	0	1	0	1
	.44	0	0	1	2
	.50	1	1	2	17
	.56	1	0	0	3
	.57	0	0	0	7
	.60	0	0	1	11
	.62	0	0	0	1
	.63	0	0	0	2
	.64	0	0	0	1
	.67	0	3	3	34
	.69	0	0	0	1
	.70	0	0	0	1
	.71	1	0	0	14
	.73	0	0	0	2
	.73	0	0	0	2
	.75	0	2	5	49
	.77	0	0	0	1
	.78	3	0	1	12
	.80	2	4	2	48
	.82	0	0	1	3
	.83	3	2	1	41

dependencyratio by Cat Lu for all households

**dependency ratio (share of non income earners) \* Category of Total livestock Unit Crosstabulation**

Count

		Category of Total livestock Unit			
		0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
	.85	0	0	0	0
	.86	13	5	1	3
	.87	3	0	0	0
	.88	7	4	1	1
	.89	11	3	3	1
	.90	7	5	0	0
	.91	3	4	0	0
	.92	2	2	0	0
	.92	1	1	0	0
	.93	1	0	0	0
	.93	0	0	0	0
	1.00	104	62	13	11
Total		294	154	32	20

**dependency ratio (share of non income earners) \* Category of Total livestock Unit Crosstabulation**

Count

		Category of Total livestock Unit			Total
		Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units	
	.85	0	1	0	1
	.86	2	0	4	28
	.87	0	0	0	3
	.88	0	1	0	14
	.89	3	2	1	24
	.90	0	0	1	13
	.91	0	0	1	8
	.92	0	1	0	5
	.92	0	1	1	4
	.93	0	0	0	1
	.93	0	0	1	1
	1.00	7	13	16	226
Total		23	32	44	599

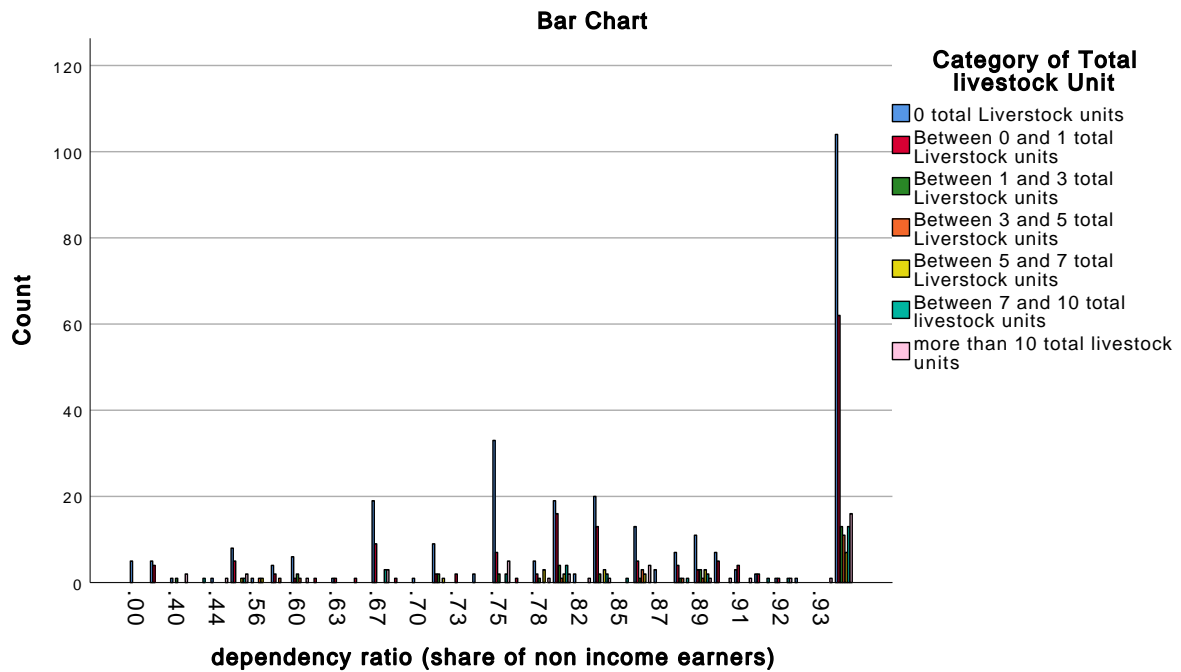


dependencyratio by Cat Lu for all households

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	223.567 <sup>a</sup>	210	.248
Likelihood Ratio	188.833	210	.850
Linear-by-Linear Association	.991	1	.319
N of Valid Cases	599		

a. 227 cells (90.1%) have expected count less than 5. The minimum expected count is .03.



compare means farm; home garden size by Cat Livestock Units

## Oneway

### Descriptives

		N	Mean	Std. Deviation
TotalPrivateOwnedLand	0 total Livestock units	294	.0619	.30251
	Between 0 and 1 total Livestock units	154	.2455	.97940
	Between 1 and 3 total Livestock units	32	.1563	.88388
	Between 3 and 5 total Livestock units	20	.5601	1.67906
	Between 5 and 7 total Livestock units	23	.3913	1.30520
	Between 7 and 10 total livestock units	32	.3281	1.60448
	more than 10 total livestock units	44	.2159	.68538
	Total	599	.1690	.81604
TotalPrivateRentedLand	0 total Livestock units	294	.0952	1.40372
	Between 0 and 1 total Livestock units	154	.3390	2.72815
	Between 1 and 3 total Livestock units	32	.0000	.00000
	Between 3 and 5 total Livestock units	20	.0000	.00000
	Between 5 and 7 total Livestock units	23	.0000	.00000
	Between 7 and 10 total livestock units	32	.0000	.00000
	more than 10 total livestock units	44	.0000	.00000
	Total	599	.1339	1.69876
TotalOtherLand	0 total Livestock units	294	.0182	.23575
	Between 0 and 1 total Livestock units	154	.1171	.51267

compare means farm; home garden size by Cat Livestock Units

### Descriptives

			95% Confidence Interval for Mean	
		Std. Error	Lower Bound	Upper Bound
TotalPrivateOwnedLand	0 total Livestock units	.01764	.0272	.0967
	Between 0 and 1 total Livestock units	.07892	.0895	.4014
	Between 1 and 3 total Livestock units	.15625	-.1624	.4749
	Between 3 and 5 total Livestock units	.37545	-.2257	1.3459
	Between 5 and 7 total Livestock units	.27215	-.1731	.9557
	Between 7 and 10 total livestock units	.28363	-.2504	.9066
	more than 10 total livestock units	.10332	.0075	.4243
	Total	.03334	.1035	.2344
TotalPrivateRentedLand	0 total Livestock units	.08187	-.0659	.2564
	Between 0 and 1 total Livestock units	.21984	-.0954	.7733
	Between 1 and 3 total Livestock units	.00000	.0000	.0000
	Between 3 and 5 total Livestock units	.00000	.0000	.0000
	Between 5 and 7 total Livestock units	.00000	.0000	.0000
	Between 7 and 10 total livestock units	.00000	.0000	.0000
	more than 10 total livestock units	.00000	.0000	.0000
	Total	.06941	-.0024	.2702
TotalOtherLand	0 total Livestock units	.01375	-.0088	.0453
	Between 0 and 1 total Livestock units	.04131	.0355	.1988

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		Minimum	Maximum
TotalPrivateOwnedLand	0 total Livestock units	.00	3.00
	Between 0 and 1 total Livestock units	.00	8.00
	Between 1 and 3 total Livestock units	.00	5.00
	Between 3 and 5 total Livestock units	.00	7.20
	Between 5 and 7 total Livestock units	.00	5.00
	Between 7 and 10 total livestock units	.00	9.00
	more than 10 total livestock units	.00	3.50
	Total	.00	9.00
TotalPrivateRentedLand	0 total Livestock units	.00	24.00
	Between 0 and 1 total Livestock units	.00	24.00
	Between 1 and 3 total Livestock units	.00	.00
	Between 3 and 5 total Livestock units	.00	.00
	Between 5 and 7 total Livestock units	.00	.00
	Between 7 and 10 total livestock units	.00	.00
	more than 10 total livestock units	.00	.00
	Total	.00	24.00
TotalOtherLand	0 total Livestock units	.00	4.00
	Between 0 and 1 total Livestock units	.00	4.00

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		N	Mean	Std. Deviation
	Between 1 and 3 total Livestock units	32	.0156	.08839
	Between 3 and 5 total Livestock units	20	.0025	.01118
	Between 5 and 7 total Livestock units	23	.6411	2.49161
	Between 7 and 10 total livestock units	32	.2505	.80307
	more than 10 total livestock units	44	.3681	1.91042
	Total	599	.1050	.80059
crops communal land estimated size	0 total Livestock units	294	.4481	1.40778
	Between 0 and 1 total Livestock units	154	.5569	1.34073
	Between 1 and 3 total Livestock units	32	1.0000	1.80947
	Between 3 and 5 total Livestock units	20	1.6500	3.96398
	Between 5 and 7 total Livestock units	23	1.0000	2.21565
	Between 7 and 10 total livestock units	32	.6906	1.25399
	more than 10 total livestock units	44	1.6705	3.03074
	Total	599	.6696	1.77928
crops private land (own farm) estimated size ha	0 total Livestock units	294	.0619	.30251
	Between 0 and 1 total Livestock units	154	.2455	.97940
	Between 1 and 3 total Livestock units	32	.1563	.88388
	Between 3 and 5 total Livestock units	20	.5601	1.67906
	Between 5 and 7 total Livestock units	23	.3913	1.30520
	Between 7 and 10 total livestock units	32	.3281	1.60448
	more than 10 total livestock units	44	.2159	.68538
	Total	599	.1690	.81604
crops private rented land size (ha)	0 total Livestock units	294	.0952	1.40372
	Between 0 and 1 total Livestock units	154	.3390	2.72815

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		Std. Error	95% Confidence Interval for Mean	
			Lower Bound	Upper Bound
	Between 1 and 3 total Livestock units	.01563	-.0162	.0475
	Between 3 and 5 total Livestock units	.00250	-.0027	.0077
	Between 5 and 7 total Livestock units	.51954	-.4364	1.7185
	Between 7 and 10 total livestock units	.14196	-.0391	.5400
	more than 10 total livestock units	.28801	-.2128	.9489
	Total	.03271	.0408	.1693
crops communal land estimated size	0 total Livestock units	.08210	.2865	.6096
	Between 0 and 1 total Livestock units	.10804	.3435	.7704
	Between 1 and 3 total Livestock units	.31987	.3476	1.6524
	Between 3 and 5 total Livestock units	.88637	-.2052	3.5052
	Between 5 and 7 total Livestock units	.46199	.0419	1.9581
	Between 7 and 10 total livestock units	.22168	.2385	1.1427
	more than 10 total livestock units	.45690	.7490	2.5919
	Total	.07270	.5268	.8124
crops private land (own farm) estimated size ha	0 total Livestock units	.01764	.0272	.0967
	Between 0 and 1 total Livestock units	.07892	.0895	.4014
	Between 1 and 3 total Livestock units	.15625	-.1624	.4749
	Between 3 and 5 total Livestock units	.37545	-.2257	1.3459
	Between 5 and 7 total Livestock units	.27215	-.1731	.9557
	Between 7 and 10 total livestock units	.28363	-.2504	.9066
	more than 10 total livestock units	.10332	.0075	.4243
	Total	.03334	.1035	.2344
crops private rented land size (ha)	0 total Livestock units	.08187	-.0659	.2564
	Between 0 and 1 total Livestock units	.21984	-.0954	.7733

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		Minimum	Maximum
	Between 1 and 3 total Livestock units	.00	.50
	Between 3 and 5 total Livestock units	.00	.05
	Between 5 and 7 total Livestock units	.00	12.02
	Between 7 and 10 total livestock units	.00	3.00
	more than 10 total livestock units	.00	12.12
	Total	.00	12.12
crops communal land estimated size	0 total Livestock units	.00	11.50
	Between 0 and 1 total Livestock units	.00	10.00
	Between 1 and 3 total Livestock units	.00	9.00
	Between 3 and 5 total Livestock units	.00	15.00
	Between 5 and 7 total Livestock units	.00	10.00
	Between 7 and 10 total livestock units	.00	5.00
	more than 10 total livestock units	.00	17.00
	Total	.00	17.00
crops private land (own farm) estimated size ha	0 total Livestock units	.00	3.00
	Between 0 and 1 total Livestock units	.00	8.00
	Between 1 and 3 total Livestock units	.00	5.00
	Between 3 and 5 total Livestock units	.00	7.20
	Between 5 and 7 total Livestock units	.00	5.00
	Between 7 and 10 total livestock units	.00	9.00
	more than 10 total livestock units	.00	3.50
	Total	.00	9.00
crops private rented land size (ha)	0 total Livestock units	.00	24.00
	Between 0 and 1 total Livestock units	.00	24.00

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		N	Mean	Std. Deviation
	Between 1 and 3 total Livestock units	32	.0000	.00000
	Between 3 and 5 total Livestock units	20	.0000	.00000
	Between 5 and 7 total Livestock units	23	.0000	.00000
	Between 7 and 10 total livestock units	32	.0000	.00000
	more than 10 total livestock units	44	.0000	.00000
	Total	599	.1339	1.69876
crops other type of land estimated size (ha)	0 total Livestock units	294	.0182	.23575
	Between 0 and 1 total Livestock units	154	.1171	.51267
	Between 1 and 3 total Livestock units	32	.0156	.08839
	Between 3 and 5 total Livestock units	20	.0025	.01118
	Between 5 and 7 total Livestock units	23	.6411	2.49161
	Between 7 and 10 total livestock units	32	.2505	.80307
	more than 10 total livestock units	44	.3681	1.91042
	Total	599	.1050	.80059
total size of all land available for growing crops	0 total Livestock units	294	.56801	1.915932
	Between 0 and 1 total Livestock units	154	1.12246	2.987772
	Between 1 and 3 total Livestock units	32	1.17422	1.923805
	Between 3 and 5 total Livestock units	20	1.15750	1.931135
	Between 5 and 7 total Livestock units	23	1.81502	3.206972
	Between 7 and 10 total livestock units	32	1.27078	1.948419
	more than 10 total livestock units	44	1.85670	2.465879
	Total	599	.94271	2.362943
total share of land used	0 total Livestock units	98	71.69	40.835
	Between 0 and 1 total Livestock units	85	76.65	34.394



compare means farm; home garden size by Cat Livestock Units

### Descriptives

			95% Confidence Interval for Mean	
		Std. Error	Lower Bound	Upper Bound
	Between 1 and 3 total Livestock units	.00000	.0000	.0000
	Between 3 and 5 total Livestock units	.00000	.0000	.0000
	Between 5 and 7 total Livestock units	.00000	.0000	.0000
	Between 7 and 10 total livestock units	.00000	.0000	.0000
	more than 10 total livestock units	.00000	.0000	.0000
	Total	.06941	-.0024	.2702
crops other type of land estimated size (ha)	0 total Livestock units	.01375	-.0088	.0453
	Between 0 and 1 total Livestock units	.04131	.0355	.1988
	Between 1 and 3 total Livestock units	.01563	-.0162	.0475
	Between 3 and 5 total Livestock units	.00250	-.0027	.0077
	Between 5 and 7 total Livestock units	.51954	-.4364	1.7185
	Between 7 and 10 total livestock units	.14196	-.0391	.5400
	more than 10 total livestock units	.28801	-.2128	.9489
	Total	.03271	.0408	.1693
total size of all land available for growing crops	0 total Livestock units	.111739	.34810	.78793
	Between 0 and 1 total Livestock units	.240761	.64681	1.59810
	Between 1 and 3 total Livestock units	.340084	.48061	1.86782
	Between 3 and 5 total Livestock units	.431815	.25370	2.06130
	Between 5 and 7 total Livestock units	.668700	.42822	3.20182
	Between 7 and 10 total livestock units	.344435	.56830	1.97326
	more than 10 total livestock units	.371745	1.10701	2.60640
	Total	.096547	.75310	1.13233
total share of land used	0 total Livestock units	4.125	63.51	79.88
	Between 0 and 1 total Livestock units	3.731	69.23	84.07

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		Minimum	Maximum
	Between 1 and 3 total Livestock units	.00	.00
	Between 3 and 5 total Livestock units	.00	.00
	Between 5 and 7 total Livestock units	.00	.00
	Between 7 and 10 total livestock units	.00	.00
	more than 10 total livestock units	.00	.00
	Total	.00	24.00
crops other type of land estimated size (ha)	0 total Livestock units	.00	4.00
	Between 0 and 1 total Livestock units	.00	4.00
	Between 1 and 3 total Livestock units	.00	.50
	Between 3 and 5 total Livestock units	.00	.05
	Between 5 and 7 total Livestock units	.00	12.02
	Between 7 and 10 total livestock units	.00	3.00
	more than 10 total livestock units	.00	12.12
	Total	.00	12.12
total size of all land available for growing crops	0 total Livestock units	.000	24.000
	Between 0 and 1 total Livestock units	.000	24.000
	Between 1 and 3 total Livestock units	.000	9.000
	Between 3 and 5 total Livestock units	.000	7.200
	Between 5 and 7 total Livestock units	.000	12.016
	Between 7 and 10 total livestock units	.000	9.000
	more than 10 total livestock units	.000	12.120
	Total	.000	24.000
total share of land used	0 total Livestock units	0	100
	Between 0 and 1 total Livestock units	0	100

compare means farm; home garden size by Cat Livestock Units

### Descriptives

		N	Mean	Std. Deviation
	Between 1 and 3 total Livestock units	19	65.89	40.176
	Between 3 and 5 total Livestock units	10	53.94	41.681
	Between 5 and 7 total Livestock units	17	69.13	41.970
	Between 7 and 10 total livestock units	22	51.36	41.323
	more than 10 total livestock units	30	67.13	39.216
	Total	281	69.93	39.156

### Descriptives

		Std. Error	95% Confidence Interval for Mean	
			Lower Bound	Upper Bound
	Between 1 and 3 total Livestock units	9.217	46.53	85.26
	Between 3 and 5 total Livestock units	13.181	24.12	83.76
	Between 5 and 7 total Livestock units	10.179	47.55	90.71
	Between 7 and 10 total livestock units	8.810	33.04	69.69
	more than 10 total livestock units	7.160	52.49	81.78
	Total	2.336	65.34	74.53

### Descriptives

		Minimum	Maximum
	Between 1 and 3 total Livestock units	0	100
	Between 3 and 5 total Livestock units	0	100
	Between 5 and 7 total Livestock units	0	100
	Between 7 and 10 total livestock units	0	100
	more than 10 total livestock units	0	100
	Total	0	100

compare means farm; home garden size by Cat Livestock Units

### ANOVA

		Sum of Squares	df	Mean Square	F
TotalPrivateOwnedLand	Between Groups	9.379	6	1.563	2.380
	Within Groups	388.841	592	.657	
	Total	398.219	598		
TotalPrivateRentedLand	Between Groups	9.622	6	1.604	.553
	Within Groups	1716.080	592	2.899	
	Total	1725.702	598		
TotalOtherLand	Between Groups	13.034	6	2.172	3.473
	Within Groups	370.250	592	.625	
	Total	383.284	598		
crops communal land estimated size	Between Groups	85.702	6	14.284	4.678
	Within Groups	1807.474	592	3.053	
	Total	1893.176	598		
crops private land (own farm) estimated size ha	Between Groups	9.379	6	1.563	2.380
	Within Groups	388.841	592	.657	
	Total	398.219	598		
crops private rented land size (ha)	Between Groups	9.622	6	1.604	.553
	Within Groups	1716.080	592	2.899	
	Total	1725.702	598		
crops other type of land estimated size (ha)	Between Groups	13.034	6	2.172	3.473
	Within Groups	370.250	592	.625	
	Total	383.284	598		
total size of all land available for growing crops	Between Groups	106.593	6	17.765	3.254
	Within Groups	3232.341	592	5.460	
	Total	3338.934	598		
total share of land used	Between Groups	14835.341	6	2472.557	1.635
	Within Groups	414448.654	274	1512.586	
	Total	429283.995	280		

compare means farm; home garden size by Cat Livestock Units

### ANOVA

		Sig.
TotalPrivateOwnedLand	Between Groups	.028
	Within Groups	
	Total	
TotalPrivateRentedLand	Between Groups	.768
	Within Groups	
	Total	
TotalOtherLand	Between Groups	.002
	Within Groups	
	Total	
crops communal land estimated size	Between Groups	.000
	Within Groups	
	Total	
crops private land (own farm) estimated size ha	Between Groups	.028
	Within Groups	
	Total	
crops private rented land size (ha)	Between Groups	.768
	Within Groups	
	Total	
crops other type of land estimated size (ha)	Between Groups	.002
	Within Groups	
	Total	
total size of all land available for growing crops	Between Groups	.004
	Within Groups	
	Total	
total share of land used	Between Groups	.138
	Within Groups	
	Total	

## Ethnical group of the household by Cat Livestock Units

### Tables

	Category of Total livestock Unit				
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units	Between 5 and 7 total Livestock units
Missing value	1		1		
African	292	154	31	20	23
Indian	1				

	Category of Total livestock Unit	
	Between 7 and 10 total livestock units	more than 10 total livestock units
Missing value	1	
African	31	44
Indian		

ethnic group of the household by Cat Livestock Units

## Crosstabs

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Category of Total livestock Unit * EthnicGroupHh	599	100.0%	0	0.0%	599	100.0%

### Category of Total livestock Unit \* EthnicGroupHh Crosstabulation

			EthnicGroup. Missing value
Category of Total livestock Unit	0 total Livestock units	Count	1
		% within EthnicGroupHh	33.3%
	Between 0 and 1 total Livestock units	Count	0
		% within EthnicGroupHh	0.0%
	Between 1 and 3 total Livestock units	Count	1
		% within EthnicGroupHh	33.3%
	Between 3 and 5 total Livestock units	Count	0
		% within EthnicGroupHh	0.0%
	Between 5 and 7 total Livestock units	Count	0
		% within EthnicGroupHh	0.0%
	Between 7 and 10 total livestock units	Count	1
		% within EthnicGroupHh	33.3%
	more than 10 total livestock units	Count	0
		% within EthnicGroupHh	0.0%
Total	Count		3
	% within EthnicGroupHh		100.0%

ethnic group of the household by Cat Livestock Units

**Category of Total livestock Unit \* EthnicalGroupHh Crosstabulation**

			EthnicalGro
			African
Category of Total livestock Unit	0 total Livestock units	Count	292
		% within EthnicalGroupHh	49.1%
	Between 0 and 1 total Livestock units	Count	154
		% within EthnicalGroupHh	25.9%
	Between 1 and 3 total Livestock units	Count	31
		% within EthnicalGroupHh	5.2%
	Between 3 and 5 total Livestock units	Count	20
		% within EthnicalGroupHh	3.4%
	Between 5 and 7 total Livestock units	Count	23
		% within EthnicalGroupHh	3.9%
	Between 7 and 10 total livestock units	Count	31
		% within EthnicalGroupHh	5.2%
	more than 10 total livestock units	Count	44
		% within EthnicalGroupHh	7.4%
Total	Count		595
	% within EthnicalGroupHh		100.0%



ethnic group of the household by Cat Livestock Units

**Category of Total livestock Unit \* EthnicalGroupHh Crosstabulation**

		EthnicalGroupHh	
		Indian	
Category of Total livestock Unit	0 total Livestock units	Count	1
		% within EthnicalGroupHh	100.0%
	Between 0 and 1 total Livestock units	Count	0
		% within EthnicalGroupHh	0.0%
	Between 1 and 3 total Livestock units	Count	0
		% within EthnicalGroupHh	0.0%
	Between 3 and 5 total Livestock units	Count	0
		% within EthnicalGroupHh	0.0%
	Between 5 and 7 total Livestock units	Count	0
		% within EthnicalGroupHh	0.0%
	Between 7 and 10 total livestock units	Count	0
		% within EthnicalGroupHh	0.0%
	more than 10 total livestock units	Count	0
		% within EthnicalGroupHh	0.0%
Total		Count	1
		% within EthnicalGroupHh	100.0%

ethnic group of the household by Cat Livestock Units

**Category of Total livestock Unit \* EthnicalGroupHh Crosstabulation**

			Total
Category of Total livestock Unit	0 total Livestock units	Count	294
		% within EthnicalGroupHh	49.1%
	Between 0 and 1 total Livestock units	Count	154
		% within EthnicalGroupHh	25.7%
	Between 1 and 3 total Livestock units	Count	32
		% within EthnicalGroupHh	5.3%
	Between 3 and 5 total Livestock units	Count	20
		% within EthnicalGroupHh	3.3%
	Between 5 and 7 total Livestock units	Count	23
		% within EthnicalGroupHh	3.8%
	Between 7 and 10 total livestock units	Count	32
		% within EthnicalGroupHh	5.3%
	more than 10 total livestock units	Count	44
		% within EthnicalGroupHh	7.3%
Total	Count		599
	% within EthnicalGroupHh		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.245 <sup>a</sup>	12	.508
Likelihood Ratio	8.023	12	.783
Linear-by-Linear Association	1.273	1	.259
N of Valid Cases	599		

a. 14 cells (66.7%) have expected count less than 5. The minimum expected count is .03.

descriptive how long has the household been living in area

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
How long has the household been living in this area?	518	1	84	32.01	17.885
Valid N (listwise)	518				

household been living in area by Cat Livestock Units

## Tables

### Average amount of years living in area

	Category of Total livestock Unit			
	0 total Livestock units	Between 0 and 1 total Livestock units	Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
How long has the household been living in this area?	28	33	37	36

### Average amount of years living in area

	Category of Total livestock Unit		
	Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units	more than 10 total livestock units
How long has the household been living in this area?	42	36	43

compare how long HH been living in area by Cat Livestock Un

## Explore

### Category of Total livestock Unit

#### Case Processing Summary

		Cases			
		Valid		Missing	
	Category of Total livestock Unit	N	Percent	N	Percent
How long has the household been living in this area?	0 total Livestock units	239	81.3%	55	18.7%
	Between 0 and 1 total Livestock units	140	90.9%	14	9.1%
	Between 1 and 3 total Livestock units	28	87.5%	4	12.5%
	Between 3 and 5 total Livestock units	18	90.0%	2	10.0%
	Between 5 and 7 total Livestock units	21	91.3%	2	8.7%
	Between 7 and 10 total livestock units	29	90.6%	3	9.4%
	more than 10 total livestock units	43	97.7%	1	2.3%

#### Case Processing Summary

		Cases	
		Total	
	Category of Total livestock Unit	N	Percent
How long has the household been living in this area?	0 total Livestock units	294	100.0%
	Between 0 and 1 total Livestock units	154	100.0%
	Between 1 and 3 total Livestock units	32	100.0%
	Between 3 and 5 total Livestock units	20	100.0%
	Between 5 and 7 total Livestock units	23	100.0%
	Between 7 and 10 total livestock units	32	100.0%
	more than 10 total livestock units	44	100.0%

compare how long HH been living in area by Cat Livestock Un

## Descriptives

Category of Total livestock Unit			
How long has the household been living in this area?	0 total Livestock units	Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
	Between 0 and 1 total Livestock units	Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
	Between 1 and 3 total Livestock units	Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	

compare how long HH been living in area by Cat Livestock Un

## Descriptives

	Category of Total livestock Unit	Statistic	
How long has the household been living in this area?	0 total Livestock units	Mean	27.55
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	26.76
		Median	26.00
		Variance	292.038
		Std. Deviation	17.089
		Minimum	1
		Maximum	81
		Range	80
		Interquartile Range	27
		Skewness	.571
		Kurtosis	-.046
	Between 0 and 1 total Livestock units	Mean	32.61
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	31.88
		Median	31.50
		Variance	290.656
		Std. Deviation	17.049
		Minimum	2
		Maximum	84
		Range	82
		Interquartile Range	22
		Skewness	.512
		Kurtosis	.275
	Between 1 and 3 total Livestock units	Mean	37.32
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	37.41
		Median	39.00
		Variance	407.337
		Std. Deviation	20.183
		Minimum	2
		Maximum	73
		Range	71
		Interquartile Range	37
		Skewness	-.209
		Kurtosis	-.969

compare how long HH been living in area by Cat Livestock Un

## Descriptives

Category of Total livestock Unit			Std. Error
How long has the household been living in this area?	0 total Livestock units	Mean	1.105
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	.157
		Kurtosis	.314
	Between 0 and 1 total Livestock units	Mean	1.441
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	.205
		Kurtosis	.407
	Between 1 and 3 total Livestock units	Mean	3.814
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	.441
		Kurtosis	.858



compare how long HH been living in area by Cat Livestock Un

## Descriptives

Category of Total livestock Unit			
Between 3 and 5 total Livestock units		Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
		Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
Between 5 and 7 total Livestock units		Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
		Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
Between 7 and 10 total livestock units		Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
		Mean	
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	

compare how long HH been living in area by Cat Livestock Un

## Descriptives

Category of Total livestock Unit			Statistic
Between 3 and 5 total Livestock units	Mean		35.56
	95% Confidence Interval for Mean	Lower Bound	26.38
		Upper Bound	44.73
	5% Trimmed Mean		34.12
	Median		32.50
	Variance		340.379
	Std. Deviation		18.449
	Minimum		15
	Maximum		82
	Range		67
	Interquartile Range		14
	Skewness		1.413
	Kurtosis		1.548
Between 5 and 7 total Livestock units	Mean		42.05
	95% Confidence Interval for Mean	Lower Bound	35.38
		Upper Bound	48.72
	5% Trimmed Mean		42.07
	Median		40.00
	Variance		214.848
	Std. Deviation		14.658
	Minimum		12
	Maximum		72
	Range		60
	Interquartile Range		24
	Skewness		-.044
	Kurtosis		.052
Between 7 and 10 total livestock units	Mean		35.52
	95% Confidence Interval for Mean	Lower Bound	29.14
		Upper Bound	41.89
	5% Trimmed Mean		34.96
	Median		36.00
	Variance		280.830
	Std. Deviation		16.758
	Minimum		8
	Maximum		79
	Range		71
	Interquartile Range		25
	Skewness		.354
	Kurtosis		.198

compare how long HH been living in area by Cat Livestock Un

## Descriptives

Category of Total livestock Unit			Std. Error
Between 3 and 5 total Livestock units	Mean		4.349
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean		
	Median		
	Variance		
	Std. Deviation		
	Minimum		
	Maximum		
	Range		
	Interquartile Range		
	Skewness		.536
	Kurtosis		1.038
Between 5 and 7 total Livestock units	Mean		3.199
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean		
	Median		
	Variance		
	Std. Deviation		
	Minimum		
	Maximum		
	Range		
	Interquartile Range		
	Skewness		.501
	Kurtosis		.972
Between 7 and 10 total livestock units	Mean		3.112
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean		
	Median		
	Variance		
	Std. Deviation		
	Minimum		
	Maximum		
	Range		
	Interquartile Range		
	Skewness		.434
	Kurtosis		.845

compare how long HH been living in area by Cat Livestock Un

### Descriptives

Category of Total livestock Unit		
more than 10 total livestock units	Mean	
	95% Confidence Interval for Mean	Lower Bound
		Upper Bound
	5% Trimmed Mean	
	Median	
	Variance	
	Std. Deviation	
	Minimum	
	Maximum	
	Range	
	Interquartile Range	
	Skewness	
	Kurtosis	

### Descriptives

Category of Total livestock Unit			Statistic
more than 10 total livestock units	Mean		42.56
	95% Confidence Interval for Mean	Lower Bound	37.05
		Upper Bound	48.06
	5% Trimmed Mean		42.32
	Median		42.00
	Variance		320.110
	Std. Deviation		17.892
	Minimum		3
	Maximum		80
	Range		77
	Interquartile Range		28
	Skewness		.208
	Kurtosis		-.529

compare how long HH been living in area by Cat Livestock Un

## Descriptives

Category of Total livestock Unit			Std. Error
more than 10 total livestock units	Mean		2.728
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean		
	Median		
	Variance		
	Std. Deviation		
	Minimum		
	Maximum		
	Range		
	Interquartile Range		
	Skewness		.361
	Kurtosis		.709

**How long has the household been living in this area?**

## Stem-and-Leaf Plots

How long has the household been living in this area? Stem-and-Leaf Plot for

CatLU= 0 total Liverstock units

Frequency	Stem &	Leaf
17.00	0 .	12233333333334444
20.00	0 .	55666666777777888999
26.00	1 .	0000000001111111222233334
19.00	1 .	5555555556667777889
29.00	2 .	000000000111111122222333344
22.00	2 .	5555555666678888999999
25.00	3 .	000000000001123333344444
21.00	3 .	555555566667778888999
18.00	4 .	00000000011122233
15.00	4 .	555566777777899
9.00	5 .	000000123
7.00	5 .	5566788
6.00	6 .	000033
1.00	6 .	5
1.00	7 .	0
3.00	Extremes	(>=80)

Stem width: 10

Each leaf: 1 case(s)

## compare how long HH been living in area by Cat Livestock Un

How long has the household been living in this area? Stem-and-Leaf Plot for

CatLU= Between 0 and 1 total Livestock units

Frequency	Stem &	Leaf
3.00	0 .	244
10.00	0 .	5557777999
9.00	1 .	001333344
11.00	1 .	55566788888
12.00	2 .	000001334444
15.00	2 .	555555556667799
13.00	3 .	0000000001233
15.00	3 .	555566667788899
22.00	4 .	0000000000000001222234
10.00	4 .	5555577899
8.00	5 .	00113344
3.00	5 .	556
1.00	6 .	3
3.00	6 .	667
2.00	7 .	00
3.00	Extremes	(>=77)

Stem width: 10

Each leaf: 1 case(s)

How long has the household been living in this area? Stem-and-Leaf Plot for

CatLU= Between 1 and 3 total Livestock units

Frequency	Stem &	Leaf
3.00	0 .	245
4.00	1 .	1457
3.00	2 .	568
4.00	3 .	2677
6.00	4 .	125778
4.00	5 .	4677
3.00	6 .	234
1.00	7 .	3

Stem width: 10

Each leaf: 1 case(s)

How long has the household been living in this area? Stem-and-Leaf Plot for

CatLU= Between 3 and 5 total Livestock units

# compare how long HH been living in area by Cat Livestock Un

Frequency	Stem &	Leaf
.00	1 .	
3.00	1 .	568
2.00	2 .	04
1.00	2 .	7
6.00	3 .	002344
2.00	3 .	55
1.00	4 .	2
3.00	Extremes	(>=63)

Stem width: 10  
Each leaf: 1 case(s)

How long has the household been living in this area? Stem-and-Leaf Plot for  
CatLU= Between 5 and 7 total Livestock units

Frequency	Stem &	Leaf
2.00	1 .	27
.00	2 .	
6.00	3 .	000178
7.00	4 .	0003556
3.00	5 .	358
2.00	6 .	01
1.00	7 .	2

Stem width: 10  
Each leaf: 1 case(s)

How long has the household been living in this area? Stem-and-Leaf Plot for  
CatLU= Between 7 and 10 total livestock units

Frequency	Stem &	Leaf
2.00	0 .	88
3.00	1 .	139
7.00	2 .	2345889
5.00	3 .	25678
6.00	4 .	002579
4.00	5 .	1245
1.00	6 .	0
1.00	7 .	9

Stem width: 10

## compare how long HH been living in area by Cat Livestock Un

Each leaf: 1 case(s)

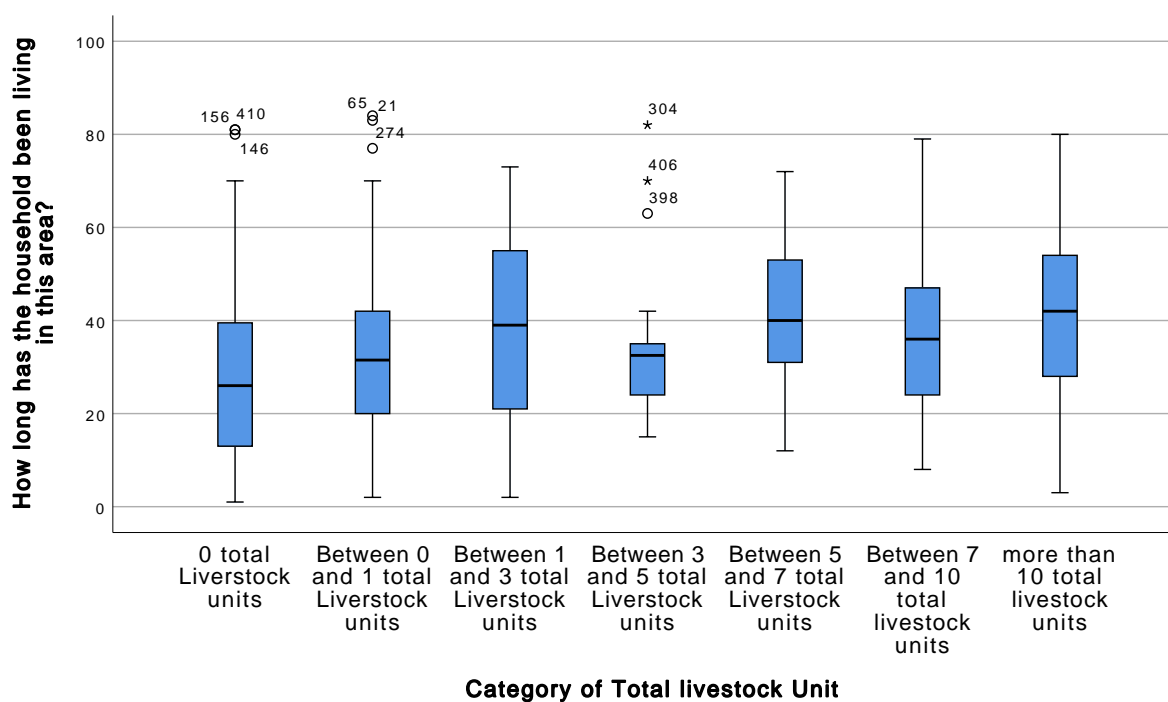
How long has the household been living in this area? Stem-and-Leaf Plot for

CatLU= more than 10 total livestock units

Frequency	Stem & Leaf
1.00	0 . 3
.00	1 .
10.00	2 . 0000355566
8.00	3 . 00012799
9.00	4 . 012335589
7.00	5 . 0024489
4.00	6 . 0089
3.00	7 . 045
1.00	8 . 0

Stem width: 10

Each leaf: 1 case(s)





compare means access to land by Cat Livestock Units

## Oneway

### Descriptives

		N	Mean	Std. Deviation
Facilities shop were basic foodstuffs can be bought (walking time in min)	0 total Livestock units	294	18.91	74.614
	Between 0 and 1 total Livestock units	154	25.73	72.345
	Between 1 and 3 total Livestock units	32	16.31	25.138
	Between 3 and 5 total Livestock units	20	48.40	121.164
	Between 5 and 7 total Livestock units	23	64.96	155.697
	Between 7 and 10 total livestock units	32	230.69	1093.474
	more than 10 total livestock units	44	16.34	13.997
	Total	599	34.40	264.081
Facilities market to buy goods and food (walking time in min)	0 total Livestock units	294	38.56	159.073
	Between 0 and 1 total Livestock units	154	36.31	112.378
	Between 1 and 3 total Livestock units	32	51.56	139.315
	Between 3 and 5 total Livestock units	20	49.00	107.049
	Between 5 and 7 total Livestock units	23	106.96	292.554
	Between 7 and 10 total livestock units	32	285.94	1112.628
	more than 10 total livestock units	44	84.86	293.083
	Total	599	58.27	306.164
Facilities market where you can sell goods and food (walking time in min)	0 total Livestock units	294	23.86	123.770
	Between 0 and 1 total Livestock units	154	26.75	109.924

# compare means access to land by Cat Livestock Units

## Descriptives

			95% Confidence Interval for Mean	
		Std. Error	Lower Bound	Upper Bound
Facilities shop were basic foodstuffs can be bought (walking time in min)	0 total Livestock units	4.352	10.35	27.48
	Between 0 and 1 total Livestock units	5.830	14.21	37.24
	Between 1 and 3 total Livestock units	4.444	7.25	25.38
	Between 3 and 5 total Livestock units	27.093	-8.31	105.11
	Between 5 and 7 total Livestock units	32.465	-2.37	132.28
	Between 7 and 10 total livestock units	193.301	-163.55	624.93
	more than 10 total livestock units	2.110	12.09	20.60
	Total	10.790	13.21	55.60
Facilities market to buy goods and food (walking time in min)	0 total Livestock units	9.277	20.30	56.82
	Between 0 and 1 total Livestock units	9.056	18.42	54.20
	Between 1 and 3 total Livestock units	24.628	1.33	101.79
	Between 3 and 5 total Livestock units	23.937	-1.10	99.10
	Between 5 and 7 total Livestock units	61.002	-19.55	233.47
	Between 7 and 10 total livestock units	196.687	-115.21	687.08
	more than 10 total livestock units	44.184	-4.24	173.97
	Total	12.510	33.70	82.84
Facilities market where you can sell goods and food (walking time in min)	0 total Livestock units	7.218	9.65	38.07
	Between 0 and 1 total Livestock units	8.858	9.25	44.25

compare means access to land by Cat Livestock Units

### Descriptives

		Minimum	Maximum
Facilities shop were basic foodstuffs can be bought (walking time in min)	0 total Livestock units	0	1200
	Between 0 and 1 total Livestock units	0	555
	Between 1 and 3 total Livestock units	0	120
	Between 3 and 5 total Livestock units	0	555
	Between 5 and 7 total Livestock units	0	555
	Between 7 and 10 total livestock units	0	6200
	more than 10 total livestock units	0	60
	Total	0	6200
Facilities market to buy goods and food (walking time in min)	0 total Livestock units	0	1200
	Between 0 and 1 total Livestock units	0	675
	Between 1 and 3 total Livestock units	0	675
	Between 3 and 5 total Livestock units	0	405
	Between 5 and 7 total Livestock units	0	1305
	Between 7 and 10 total livestock units	0	6200
	more than 10 total livestock units	0	1290
	Total	0	6200
Facilities market where you can sell goods and food (walking time in min)	0 total Livestock units	0	1200
	Between 0 and 1 total Livestock units	0	1050

compare means access to land by Cat Livestock Units

### Descriptives

		N	Mean	Std. Deviation
	Between 1 and 3 total Livestock units	32	26.09	79.339
	Between 3 and 5 total Livestock units	20	41.50	107.509
	Between 5 and 7 total Livestock units	23	9.13	30.587
	Between 7 and 10 total livestock units	32	240.63	1093.470
	more than 10 total livestock units	44	19.36	113.116
	Total	599	36.00	276.800
TotalPrivateOwnedLand	0 total Livestock units	294	.0619	.30251
	Between 0 and 1 total Livestock units	154	.2455	.97940
	Between 1 and 3 total Livestock units	32	.1563	.88388
	Between 3 and 5 total Livestock units	20	.5601	1.67906
	Between 5 and 7 total Livestock units	23	.3913	1.30520
	Between 7 and 10 total livestock units	32	.3281	1.60448
	more than 10 total livestock units	44	.2159	.68538
	Total	599	.1690	.81604
TotalPrivateRentedLand	0 total Livestock units	294	.0952	1.40372
	Between 0 and 1 total Livestock units	154	.3390	2.72815
	Between 1 and 3 total Livestock units	32	.0000	.00000
	Between 3 and 5 total Livestock units	20	.0000	.00000
	Between 5 and 7 total Livestock units	23	.0000	.00000
	Between 7 and 10 total livestock units	32	.0000	.00000
	more than 10 total livestock units	44	.0000	.00000
	Total	599	.1339	1.69876
TotalOtherLand	0 total Livestock units	294	.0182	.23575
	Between 0 and 1 total Livestock units	154	.1171	.51267

compare means access to land by Cat Livestock Units

**Descriptives**

		Std. Error	95% Confidence Interval for Mean	
			Lower Bound	Upper Bound
	Between 1 and 3 total Livestock units	14.025	-2.51	54.70
	Between 3 and 5 total Livestock units	24.040	-8.82	91.82
	Between 5 and 7 total Livestock units	6.378	-4.10	22.36
	Between 7 and 10 total livestock units	193.300	-153.61	634.86
	more than 10 total livestock units	17.053	-15.03	53.75
	Total	11.310	13.79	58.21
TotalPrivateOwnedLand	0 total Livestock units	.01764	.0272	.0967
	Between 0 and 1 total Livestock units	.07892	.0895	.4014
	Between 1 and 3 total Livestock units	.15625	-.1624	.4749
	Between 3 and 5 total Livestock units	.37545	-.2257	1.3459
	Between 5 and 7 total Livestock units	.27215	-.1731	.9557
	Between 7 and 10 total livestock units	.28363	-.2504	.9066
	more than 10 total livestock units	.10332	.0075	.4243
	Total	.03334	.1035	.2344
TotalPrivateRentedLand	0 total Livestock units	.08187	-.0659	.2564
	Between 0 and 1 total Livestock units	.21984	-.0954	.7733
	Between 1 and 3 total Livestock units	.00000	.0000	.0000
	Between 3 and 5 total Livestock units	.00000	.0000	.0000
	Between 5 and 7 total Livestock units	.00000	.0000	.0000
	Between 7 and 10 total livestock units	.00000	.0000	.0000
	more than 10 total livestock units	.00000	.0000	.0000
	Total	.06941	-.0024	.2702
TotalOtherLand	0 total Livestock units	.01375	-.0088	.0453
	Between 0 and 1 total Livestock units	.04131	.0355	.1988

compare means access to land by Cat Livestock Units

### Descriptives

		Minimum	Maximum
	Between 1 and 3 total Livestock units	0	405
	Between 3 and 5 total Livestock units	0	405
	Between 5 and 7 total Livestock units	0	120
	Between 7 and 10 total livestock units	0	6200
	more than 10 total livestock units	0	750
	Total	0	6200
TotalPrivateOwnedLand	0 total Livestock units	.00	3.00
	Between 0 and 1 total Livestock units	.00	8.00
	Between 1 and 3 total Livestock units	.00	5.00
	Between 3 and 5 total Livestock units	.00	7.20
	Between 5 and 7 total Livestock units	.00	5.00
	Between 7 and 10 total livestock units	.00	9.00
	more than 10 total livestock units	.00	3.50
	Total	.00	9.00
TotalPrivateRentedLand	0 total Livestock units	.00	24.00
	Between 0 and 1 total Livestock units	.00	24.00
	Between 1 and 3 total Livestock units	.00	.00
	Between 3 and 5 total Livestock units	.00	.00
	Between 5 and 7 total Livestock units	.00	.00
	Between 7 and 10 total livestock units	.00	.00
	more than 10 total livestock units	.00	.00
	Total	.00	24.00
TotalOtherLand	0 total Livestock units	.00	4.00
	Between 0 and 1 total Livestock units	.00	4.00

compare means access to land by Cat Livestock Units

### Descriptives

		N	Mean	Std. Deviation
	Between 1 and 3 total Livestock units	32	.0156	.08839
	Between 3 and 5 total Livestock units	20	.0025	.01118
	Between 5 and 7 total Livestock units	23	.6411	2.49161
	Between 7 and 10 total livestock units	32	.2505	.80307
	more than 10 total livestock units	44	.3681	1.91042
	Total	599	.1050	.80059
total size of all land available for growing crops	0 total Livestock units	294	.56801	1.915932
	Between 0 and 1 total Livestock units	154	1.12246	2.987772
	Between 1 and 3 total Livestock units	32	1.17422	1.923805
	Between 3 and 5 total Livestock units	20	1.15750	1.931135
	Between 5 and 7 total Livestock units	23	1.81502	3.206972
	Between 7 and 10 total livestock units	32	1.27078	1.948419
	more than 10 total livestock units	44	1.85670	2.465879
	Total	599	.94271	2.362943

compare means access to land by Cat Livestock Units

### Descriptives

			95% Confidence Interval for Mean	
		Std. Error	Lower Bound	Upper Bound
	Between 1 and 3 total Livestock units	.01563	-.0162	.0475
	Between 3 and 5 total Livestock units	.00250	-.0027	.0077
	Between 5 and 7 total Livestock units	.51954	-.4364	1.7185
	Between 7 and 10 total livestock units	.14196	-.0391	.5400
	more than 10 total livestock units	.28801	-.2128	.9489
	Total	.03271	.0408	.1693
total size of all land available for growing crops	0 total Livestock units	.111739	.34810	.78793
	Between 0 and 1 total Livestock units	.240761	.64681	1.59810
	Between 1 and 3 total Livestock units	.340084	.48061	1.86782
	Between 3 and 5 total Livestock units	.431815	.25370	2.06130
	Between 5 and 7 total Livestock units	.668700	.42822	3.20182
	Between 7 and 10 total livestock units	.344435	.56830	1.97326
	more than 10 total livestock units	.371745	1.10701	2.60640
	Total	.096547	.75310	1.13233



compare means access to land by Cat Livestock Units

### Descriptives

		Minimum	Maximum
	Between 1 and 3 total Livestock units	.00	.50
	Between 3 and 5 total Livestock units	.00	.05
	Between 5 and 7 total Livestock units	.00	12.02
	Between 7 and 10 total livestock units	.00	3.00
	more than 10 total livestock units	.00	12.12
	Total	.00	12.12
total size of all land available for growing crops	0 total Livestock units	.000	24.000
	Between 0 and 1 total Livestock units	.000	24.000
	Between 1 and 3 total Livestock units	.000	9.000
	Between 3 and 5 total Livestock units	.000	7.200
	Between 5 and 7 total Livestock units	.000	12.016
	Between 7 and 10 total livestock units	.000	9.000
	more than 10 total livestock units	.000	12.120
	Total	.000	24.000

compare means access to land by Cat Livestock Units

### ANOVA

		Sum of Squares	df	Mean Square	F
Facilities shop were basic foodstuffs can be bought (walking time in min)	Between Groups	1365215.42	6	227535.903	3.339
	Within Groups	40338502.8	592	68139.363	
	Total	41703718.2	598		
Facilities market to buy goods and food (walking time in min)	Between Groups	1935910.36	6	322651.727	3.529
	Within Groups	54118417.9	592	91416.246	
	Total	56054328.2	598		
Facilities market where you can sell goods and food (walking time in min)	Between Groups	1428906.08	6	238151.013	3.176
	Within Groups	44388677.9	592	74980.875	
	Total	45817584.0	598		
TotalPrivateOwnedLand	Between Groups	9.379	6	1.563	2.380
	Within Groups	388.841	592	.657	
	Total	398.219	598		
TotalPrivateRentedLand	Between Groups	9.622	6	1.604	.553
	Within Groups	1716.080	592	2.899	
	Total	1725.702	598		
TotalOtherLand	Between Groups	13.034	6	2.172	3.473
	Within Groups	370.250	592	.625	
	Total	383.284	598		
total size of all land available for growing crops	Between Groups	106.593	6	17.765	3.254
	Within Groups	3232.341	592	5.460	
	Total	3338.934	598		

compare means access to land by Cat Livestock Units

### ANOVA

		Sig.
Facilities shop were basic foodstuffs can be bought (walking time in min)	Between Groups	.003
	Within Groups	
	Total	
Facilities market to buy goods and food (walking time in min)	Between Groups	.002
	Within Groups	
	Total	
Facilities market where you can sell goods and food (walking time in min)	Between Groups	.004
	Within Groups	
	Total	
TotalPrivateOwnedLand	Between Groups	.028
	Within Groups	
	Total	
TotalPrivateRentedLand	Between Groups	.768
	Within Groups	
	Total	
TotalOtherLand	Between Groups	.002
	Within Groups	
	Total	
total size of all land available for growing crops	Between Groups	.004
	Within Groups	
	Total	

**Crosstabs****Case Processing Summary**

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
SourceOfWaterHh * Category of Total livestock Unit	599	100.0%	0	0.0%	599	100.0%

**SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation**

		Category of ...	
		0 total Livestock units	
SourceOfWaterHh	Missing value	Count	0
		% within Category of Total livestock Unit	0.0%
	piped internal	Count	22
		% within Category of Total livestock Unit	7.5%
	piped yard tap	Count	123
		% within Category of Total livestock Unit	41.8%
	water carrier or tanker	Count	1
		% within Category of Total livestock Unit	0.3%
	piped public tap free	Count	86
		% within Category of Total livestock Unit	29.3%
	piped public tap paid for	Count	13
		% within Category of Total livestock Unit	4.4%
	borehole	Count	28
		% within Category of Total livestock Unit	9.5%
	rainwater tank	Count	0
		% within Category of Total livestock Unit	0.0%
	flowing river or stream	Count	8
		% within Category of Total livestock Unit	2.7%
	dam or stagnant water	Count	1
		% within Category of Total livestock Unit	0.3%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 0 and 1 total Livestock units	
SourceOfWaterHh	Missing value	Count	0
		% within Category of Total livestock Unit	0.0%
	piped internal	Count	2
		% within Category of Total livestock Unit	1.3%
	piped yard tap	Count	56
		% within Category of Total livestock Unit	36.4%
	water carrier or tanker	Count	0
		% within Category of Total livestock Unit	0.0%
	piped public tap free	Count	59
		% within Category of Total livestock Unit	38.3%
	piped public tap paid for	Count	5
		% within Category of Total livestock Unit	3.2%
	borehole	Count	18
		% within Category of Total livestock Unit	11.7%
	rainwater tank	Count	0
		% within Category of Total livestock Unit	0.0%
	flowing river or stream	Count	2
		% within Category of Total livestock Unit	1.3%
	dam or stagnant water	Count	1
		% within Category of Total livestock Unit	0.6%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

			Category of ... Between 1 and 3 total Livestock units
SourceOfWaterHh	Missing value	Count	1
		% within Category of Total livestock Unit	3.1%
	piped internal	Count	1
		% within Category of Total livestock Unit	3.1%
	piped yard tap	Count	7
		% within Category of Total livestock Unit	21.9%
	water carrier or tanker	Count	1
		% within Category of Total livestock Unit	3.1%
	piped public tap free	Count	11
		% within Category of Total livestock Unit	34.4%
	piped public tap paid for	Count	3
		% within Category of Total livestock Unit	9.4%
	borehole	Count	6
		% within Category of Total livestock Unit	18.8%
	rainwater tank	Count	0
		% within Category of Total livestock Unit	0.0%
	flowing river or stream	Count	0
		% within Category of Total livestock Unit	0.0%
	dam or stagnant water	Count	0
		% within Category of Total livestock Unit	0.0%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 3 and 5 total Livestock units
SourceOfWaterHh	Missing value	Count
		0
		% within Category of Total livestock Unit
		0.0%
	piped internal	Count
		0
		% within Category of Total livestock Unit
		0.0%
	piped yard tap	Count
		4
		% within Category of Total livestock Unit
		20.0%
	water carrier or tanker	Count
		0
		% within Category of Total livestock Unit
		0.0%
	piped public tap free	Count
		9
		% within Category of Total livestock Unit
		45.0%
	piped public tap paid for	Count
		1
		% within Category of Total livestock Unit
		5.0%
	borehole	Count
		2
		% within Category of Total livestock Unit
		10.0%
	rainwater tank	Count
		1
		% within Category of Total livestock Unit
		5.0%
	flowing river or stream	Count
		0
		% within Category of Total livestock Unit
		0.0%
	dam or stagnant water	Count
		0
		% within Category of Total livestock Unit
		0.0%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 5 and 7 total Livestock units	
SourceOfWaterHh	Missing value	Count	0
		% within Category of Total livestock Unit	0.0%
	piped internal	Count	1
		% within Category of Total livestock Unit	4.3%
	piped yard tap	Count	7
		% within Category of Total livestock Unit	30.4%
	water carrier or tanker	Count	0
		% within Category of Total livestock Unit	0.0%
	piped public tap free	Count	6
		% within Category of Total livestock Unit	26.1%
	piped public tap paid for	Count	2
		% within Category of Total livestock Unit	8.7%
	borehole	Count	5
		% within Category of Total livestock Unit	21.7%
	rainwater tank	Count	0
		% within Category of Total livestock Unit	0.0%
	flowing river or stream	Count	0
		% within Category of Total livestock Unit	0.0%
	dam or stagnant water	Count	0
		% within Category of Total livestock Unit	0.0%



# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ...	
		Between 7 and 10 total livestock units	
SourceOfWaterHh	Missing value	Count	0
		% within Category of Total livestock Unit	0.0%
	piped internal	Count	0
		% within Category of Total livestock Unit	0.0%
	piped yard tap	Count	7
		% within Category of Total livestock Unit	21.9%
	water carrier or tanker	Count	1
		% within Category of Total livestock Unit	3.1%
	piped public tap free	Count	16
		% within Category of Total livestock Unit	50.0%
	piped public tap paid for	Count	1
		% within Category of Total livestock Unit	3.1%
	borehole	Count	5
		% within Category of Total livestock Unit	15.6%
	rainwater tank	Count	0
		% within Category of Total livestock Unit	0.0%
	flowing river or stream	Count	0
		% within Category of Total livestock Unit	0.0%
	dam or stagnant water	Count	0
		% within Category of Total livestock Unit	0.0%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ...
		more than 10 total livestock units
SourceOfWaterHh	Missing value	Count
		0
		% within Category of Total livestock Unit
		0.0%
	piped internal	Count
		2
		% within Category of Total livestock Unit
		4.5%
	piped yard tap	Count
		10
		% within Category of Total livestock Unit
		22.7%
	water carrier or tanker	Count
		0
		% within Category of Total livestock Unit
		0.0%
	piped public tap free	Count
		13
		% within Category of Total livestock Unit
		29.5%
	piped public tap paid for	Count
		2
		% within Category of Total livestock Unit
		4.5%
	borehole	Count
		12
		% within Category of Total livestock Unit
		27.3%
	rainwater tank	Count
		0
		% within Category of Total livestock Unit
		0.0%
	flowing river or stream	Count
		1
		% within Category of Total livestock Unit
		2.3%
	dam or stagnant water	Count
		0
		% within Category of Total livestock Unit
		0.0%

analysis access to water by Cat Livestock Units

**SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation**

			Total
SourceOfWaterHh	Missing value	Count	1
		% within Category of Total livestock Unit	0.2%
	piped internal	Count	28
		% within Category of Total livestock Unit	4.7%
	piped yard tap	Count	214
		% within Category of Total livestock Unit	35.7%
	water carrier or tanker	Count	3
		% within Category of Total livestock Unit	0.5%
	piped public tap free	Count	200
		% within Category of Total livestock Unit	33.4%
	piped public tap paid for	Count	27
		% within Category of Total livestock Unit	4.5%
	borehole	Count	76
		% within Category of Total livestock Unit	12.7%
	rainwater tank	Count	1
		% within Category of Total livestock Unit	0.2%
	flowing river or stream	Count	11
		% within Category of Total livestock Unit	1.8%
	dam or stagnant water	Count	2
		% within Category of Total livestock Unit	0.3%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ...
		0 total Livestock units
	well (non-borehole)	Count
		1
		% within Category of Total livestock Unit
		0.3%
	protected spring	Count
		0
		% within Category of Total livestock Unit
		0.0%
	other	Count
		11
		% within Category of Total livestock Unit
		3.7%
Total	Count	294
		% within Category of Total livestock Unit
		100.0%

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ...
		Between 0 and 1 total Livestock units
	well (non-borehole)	Count
		0
		% within Category of Tota livestock Unit
		0.0%
	protected spring	Count
		3
		% within Category of Tota livestock Unit
		1.9%
	other	Count
		8
		% within Category of Tota livestock Unit
		5.2%
Total	Count	154
		% within Category of Tota livestock Unit
		100.0%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 1 and 3 total Livestock units
	well (non-borehole)	Count
		0
	protected spring	% within Category of Total livestock Unit
		0.0%
	other	Count
		1
Total		% within Category of Total livestock Unit
		3.1%
		Count
		1
		% within Category of Total livestock Unit
		3.1%
Total		Count
		32
		% within Category of Total livestock Unit
		100.0%

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 3 and 5 total Livestock units
	well (non-borehole)	Count
		0
	protected spring	% within Category of Total livestock Unit
		0.0%
	other	Count
		1
Total		% within Category of Total livestock Unit
		5.0%
		Count
		2
		% within Category of Total livestock Unit
		10.0%
Total		Count
		20
		% within Category of Total livestock Unit
		100.0%

# analysis access to water by Cat Livestock Units

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 5 and 7 total Livestock units
	well (non-borehole)	Count
		0
	protected spring	% within Category of Total livestock Unit
		0.0%
	other	Count
		1
Total		% within Category of Total livestock Unit
		4.3%
		Count
		1
		% within Category of Total livestock Unit
		4.3%
Total		Count
		23
		% within Category of Total livestock Unit
		100.0%

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

		Category of ... Between 7 and 10 total livestock units
	well (non-borehole)	Count
		0
	protected spring	% within Category of Total livestock Unit
		0.0%
	other	Count
		0
Total		% within Category of Total livestock Unit
		0.0%
		Count
		2
		% within Category of Total livestock Unit
		6.3%
Total		Count
		32
		% within Category of Total livestock Unit
		100.0%

analysis access to water by Cat Livestock Units

**SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation**

		Category of ...
		more than 10 total livestock units
	well (non-borehole)	Count
		0
		% within Category of Total livestock Unit
		0.0%
	protected spring	Count
		1
		% within Category of Total livestock Unit
		2.3%
	other	Count
		3
		% within Category of Total livestock Unit
		6.8%
Total	Count	44
	% within Category of Total livestock Unit	100.0%

**SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation**

		Total
	well (non-borehole)	Count
		1
		% within Category of Total livestock Unit
		0.2%
	protected spring	Count
		7
		% within Category of Total livestock Unit
		1.2%
	other	Count
		28
		% within Category of Total livestock Unit
		4.7%
Total	Count	599
	% within Category of Total livestock Unit	100.0%

analysis access to water by Cat Livestock Units

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	119.546 <sup>a</sup>	72	.000
Likelihood Ratio	86.779	72	.113
Linear-by-Linear Association	12.709	1	.000
N of Valid Cases	599		

a. 67 cells (73.6%) have expected count less than 5. The minimum expected count is .03.



compare means importance of access to water by Cat Livestock

## Oneway

### Descriptives

How much of the land is irrigated (ha)

	N	Mean	Std. Deviation	Std. Error	95% Confidence ... Lower Bound
0 total Livestock units	44	1.56156	3.877118	.584497	.38281
Between 0 and 1 total Livestock units	47	1.65918	4.906317	.715660	.21863
Between 1 and 3 total Livestock units	14	.81071	.953169	.254745	.26037
Between 3 and 5 total Livestock units	5	.80000	.836660	.374166	-.23885
Between 5 and 7 total Livestock units	13	.55927	.978800	.271470	-.03221
Between 7 and 10 total livestock units	14	.36429	.629538	.168251	.00080
more than 10 total livestock units	20	1.65600	1.624932	.363346	.89551
Total	157	1.32185	3.462843	.276365	.77595

### Descriptives

How much of the land is irrigated (ha)

	95% Confidence Interval for...		
	Upper Bound	Minimum	Maximum
0 total Livestock units	2.74031	.000	24.000
Between 0 and 1 total Livestock units	3.09973	.000	24.000
Between 1 and 3 total Livestock units	1.36106	.000	3.000
Between 3 and 5 total Livestock units	1.83885	.000	2.000
Between 5 and 7 total Livestock units	1.15075	.000	3.000
Between 7 and 10 total livestock units	.72777	.000	2.000
more than 10 total livestock units	2.41649	.000	5.000
Total	1.86775	.000	24.000

compare means importance of access to water by Cat Livestock

### ANOVA

How much of the land is irrigated (ha)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	35.526	6	5.921	.484	.820
Within Groups	1835.114	150	12.234		
Total	1870.640	156			

land not used due to lack of water by Cat Livestock Units

## Crosstabs

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Category of Total livestock Unit * lack of water	599	100.0%	0	0.0%	599	100.0%

### Category of Total livestock Unit \* lack of water Crosstabulation

Count

		lack of water		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	281	13	294
	Between 0 and 1 total Livestock units	141	13	154
	Between 1 and 3 total Livestock units	29	3	32
	Between 3 and 5 total Livestock units	18	2	20
	Between 5 and 7 total Livestock units	20	3	23
	Between 7 and 10 total livestock units	28	4	32
	more than 10 total livestock units	35	9	44
Total		552	47	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.567 <sup>a</sup>	6	.011
Likelihood Ratio	14.384	6	.026
Linear-by-Linear Association	15.149	1	.000
N of Valid Cases	599		

a. 5 cells (35.7%) have expected count less than 5. The minimum expected count is 1.57.