

## FREQUENCY ACCESS TO LAND

### Crosstabs

#### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
crops communal land * Category of Total livestock Unit	353	58.9%	246	41.1%	599	100.0%
crops private (own farm) * Category of Total livestock Unit	80	13.4%	519	86.6%	599	100.0%
grazing communal land * Category of Total livestock Unit	190	31.7%	409	68.3%	599	100.0%
grazing private land (own farm) * Category of Total livestock Unit	24	4.0%	575	96.0%	599	100.0%
crops private (rented) * Category of Total livestock Unit	40	6.7%	559	93.3%	599	100.0%
grazing private land (rented) * Category of Total livestock Unit	9	1.5%	590	98.5%	599	100.0%
crops others type of land * Category of Total livestock Unit	74	12.4%	525	87.6%	599	100.0%
grazing other type of land * Category of Total livestock Unit	1	0.2%	598	99.8%	599	100.0%

### crops communal land \* Category of Total livestock Unit

#### Crosstab

			Category of Total livestock Unit	
			0 total Livestock units	Between 0 and 1 total Livestock units
crops communal land	no	Count	122	39
		% within Category of Total livestock Unit	68.2%	46.4%
	yes	Count	57	45
		% within Category of Total livestock Unit	31.8%	53.6%
Total	Count		179	84
	% within Category of Total livestock Unit		100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
crops communal land	no	Count	9	3
		% within Category of Total livestock Unit	39.1%	33.3%
	yes	Count	14	6
		% within Category of Total livestock Unit	60.9%	66.7%
Total		Count	23	9
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of Total livestock Unit	
			Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units
crops communal land	no	Count	3	8
		% within Category of Total livestock Unit	27.3%	42.1%
	yes	Count	8	11
		% within Category of Total livestock Unit	72.7%	57.9%
Total		Count	11	19
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of ...	
			more than 10 total livestock units	Total
crops communal land	no	Count	6	190
		% within Category of Total livestock Unit	21.4%	53.8%
	yes	Count	22	163
		% within Category of Total livestock Unit	78.6%	46.2%
Total		Count	28	353
		% within Category of Total livestock Unit	100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	36.155 <sup>a</sup>	6	.000
Likelihood Ratio	37.182	6	.000
Linear-by-Linear Association	28.160	1	.000
N of Valid Cases	353		

a. 2 cells (14,3%) have expected count less than 5. The minimum expected count is 4,16.

### crops private (own farm) \* Category of Total livestock Unit

#### Crosstab

			Category of Total livestock Unit	
			0 total Livestock units	Between 0 and 1 total Livestock units
crops private (own farm)	no	Count	11	7
		% within Category of Total livestock Unit	37.9%	33.3%
	yes	Count	18	14
		% within Category of Total livestock Unit	62.1%	66.7%
Total	Count		29	21
	% within Category of Total livestock Unit		100.0%	100.0%

#### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
crops private (own farm)	no	Count	2	1
		% within Category of Total livestock Unit	66.7%	20.0%
	yes	Count	1	4
		% within Category of Total livestock Unit	33.3%	80.0%
Total	Count		3	5
	% within Category of Total livestock Unit		100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units
crops private (own farm)	no	Count	2	3
		% within Category of Total livestock Unit	50.0%	60.0%
	yes	Count	2	2
		% within Category of Total livestock Unit	50.0%	40.0%
Total		Count	4	5
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of ...	
			more than 10 total livestock units	Total
crops private (own farm)	no	Count	8	34
		% within Category of Total livestock Unit	61.5%	42.5%
	yes	Count	5	46
		% within Category of Total livestock Unit	38.5%	57.5%
Total		Count	13	80
		% within Category of Total livestock Unit	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.369 <sup>a</sup>	6	.497
Likelihood Ratio	5.445	6	.488
Linear-by-Linear Association	2.701	1	.100
N of Valid Cases	80		

a. 8 cells (57,1%) have expected count less than 5. The minimum expected count is 1,28.

**grazing communal land \* Category of Total livestock Unit**

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			0 total Livestock units	Between 0 and 1 total Livestock units
grazing communal land	no	Count	51	28
		% within Category of Total livestock Unit	98.1%	59.6%
	yes	Count	1	19
		% within Category of Total livestock Unit	1.9%	40.4%
Total		Count	52	47
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
grazing communal land	no	Count	10	2
		% within Category of Total livestock Unit	62.5%	18.2%
	yes	Count	6	9
		% within Category of Total livestock Unit	37.5%	81.8%
Total		Count	16	11
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of Total livestock Unit	
			Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units
grazing communal land	no	Count	3	8
		% within Category of Total livestock Unit	21.4%	33.3%
	yes	Count	11	16
		% within Category of Total livestock Unit	78.6%	66.7%
Total		Count	14	24
		% within Category of Total livestock Unit	100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of ...	
			more than 10 total livestock units	Total
grazing communal land	no	Count	6	108
		% within Category of Total livestock Unit	23.1%	56.8%
	yes	Count	20	82
		% within Category of Total livestock Unit	76.9%	43.2%
Total		Count	26	190
		% within Category of Total livestock Unit	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	67.742 <sup>a</sup>	6	.000
Likelihood Ratio	81.729	6	.000
Linear-by-Linear Association	52.982	1	.000
N of Valid Cases	190		

a. 1 cells (7,1%) have expected count less than 5. The minimum expected count is 4,75.

## grazing private land (own farm) \* Category of Total livestock Unit

### Crosstab

		Category of Total livestock Unit	
		0 total Livestock units	Between 0 and 1 total Livestock units
grazing private land (own no farm)	Count	10	3
	% within Category of Total livestock Unit	100.0%	100.0%
Total	Count	10	3
	% within Category of Total livestock Unit	100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
grazing private land (own no farm)	Count		2	3
	% within Category of Total livestock Unit		100.0%	100.0%
Total	Count		2	3
	% within Category of Total livestock Unit		100.0%	100.0%

### Crosstab

			Category of Total livestock Unit	
			Between 7 and 10 total livestock units	more than 10 total livestock units
grazing private land (own no farm)	Count		3	3
	% within Category of Total livestock Unit		100.0%	100.0%
Total	Count		3	3
	% within Category of Total livestock Unit		100.0%	100.0%

### Crosstab

			Total
grazing private land (own no farm)	Count		24
	% within Category of Total livestock Unit		100.0%
Total	Count		24
	% within Category of Total livestock Unit		100.0%

## FREQUENCY ACCESS TO LAND

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	24

a. No statistics are computed because grazing private land (own farm) is a constant.

### crops private (rented) \* Category of Total livestock Unit

#### Crosstab

			Category of Total livestock Unit	
			0 total Livestock units	Between 0 and 1 total Livestock units
crops private (rented)	no	Count	7	7
		% within Category of Total livestock Unit	58.3%	53.8%
	yes	Count	5	6
		% within Category of Total livestock Unit	41.7%	46.2%
Total		Count	12	13
		% within Category of Total livestock Unit	100.0%	100.0%

#### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 5 and 7 total Livestock units
crops private (rented)	no	Count	2	2
		% within Category of Total livestock Unit	100.0%	100.0%
	yes	Count	0	0
		% within Category of Total livestock Unit	0.0%	0.0%
Total		Count	2	2
		% within Category of Total livestock Unit	100.0%	100.0%



## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			Between 7 and 10 total livestock units	more than 10 total livestock units
crops private (rented)	no	Count	3	8
		% within Category of Total livestock Unit	100.0%	100.0%
	yes	Count	0	0
		% within Category of Total livestock Unit	0.0%	0.0%
Total		Count	3	8
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Total
crops private (rented)	no	Count	29
		% within Category of Total livestock Unit	72.5%
	yes	Count	11
		% within Category of Total livestock Unit	27.5%
Total		Count	40
		% within Category of Total livestock Unit	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.166 <sup>a</sup>	5	.103
Likelihood Ratio	12.808	5	.025
Linear-by-Linear Association	7.284	1	.007
N of Valid Cases	40		

a. 9 cells (75,0%) have expected count less than 5. The minimum expected count is ,55.

**grazing private land (rented) \* Category of Total livestock Unit**

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			0 total Livestock units	Between 0 and 1 total Livestock units
grazing private land (rented)	no	Count	3	1
		% within Category of Total livestock Unit	100.0%	100.0%
Total		Count	3	1
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 7 and 10 total livestock units
grazing private land (rented)	no	Count	1	2
		% within Category of Total livestock Unit	100.0%	100.0%
Total		Count	1	2
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of ...	
			more than 10 total livestock units	Total
grazing private land (rented)	no	Count	2	9
		% within Category of Total livestock Unit	100.0%	100.0%
Total		Count	2	9
		% within Category of Total livestock Unit	100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	9

a. No statistics are computed because grazing private land (rented) is a constant.

### crops others type of land \* Category of Total livestock Unit

#### Crosstab

			Category of Total livestock Unit	
			0 total Livestock units	Between 0 and 1 total Livestock units
crops others type of land	no	Count	6	2
		% within Category of Total livestock Unit	25.0%	6.9%
	yes	Count	18	27
		% within Category of Total livestock Unit	75.0%	93.1%
Total		Count	24	29
		% within Category of Total livestock Unit	100.0%	100.0%

#### Crosstab

			Category of Total livestock Unit	
			Between 1 and 3 total Livestock units	Between 3 and 5 total Livestock units
crops others type of land	no	Count	0	0
		% within Category of Total livestock Unit	0.0%	0.0%
	yes	Count	2	1
		% within Category of Total livestock Unit	100.0%	100.0%
Total		Count	2	1
		% within Category of Total livestock Unit	100.0%	100.0%

## FREQUENCY ACCESS TO LAND

### Crosstab

			Category of Total livestock Unit	
			Between 5 and 7 total Livestock units	Between 7 and 10 total livestock units
crops others type of land	no	Count	0	0
		% within Category of Total livestock Unit	0.0%	0.0%
	yes	Count	9	4
		% within Category of Total livestock Unit	100.0%	100.0%
Total		Count	9	4
		% within Category of Total livestock Unit	100.0%	100.0%

### Crosstab

			Category of ...	
			more than 10 total livestock units	Total
crops others type of land	no	Count	1	9
		% within Category of Total livestock Unit	20.0%	12.2%
	yes	Count	4	65
		% within Category of Total livestock Unit	80.0%	87.8%
Total		Count	5	74
		% within Category of Total livestock Unit	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.958 <sup>a</sup>	6	.325
Likelihood Ratio	8.230	6	.222
Linear-by-Linear Association	1.606	1	.205
N of Valid Cases	74		

a. 11 cells (78,6%) have expected count less than 5. The minimum expected count is ,12.

**grazing other type of land \* Category of Total livestock Unit**

## FREQUENCY ACCESS TO LAND

### Crosstab

		Category of Total livestock Unit	
		more than 10 total livestock units	Total
grazing other type of land no	Count	1	1
	% within Category of Total livestock Unit	100.0%	100.0%
Total	Count	1	1
	% within Category of Total livestock Unit	100.0%	100.0%

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	1

a. No statistics are computed because grazing other type of land and Category of Total livestock Unit are constants.

## CROP LAND BY GENDER

### Oneway

#### Descriptives

total size of all land available for growing crops

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.56801	1.915932	.111739	.34810
Between 0 and 1 total Livestock units	154	1.12246	2.987772	.240761	.64681
Between 1 and 3 total Livestock units	32	1.17422	1.923805	.340084	.48061
Between 3 and 5 total Livestock units	20	1.15750	1.931135	.431815	.25370
Between 5 and 7 total Livestock units	23	1.81502	3.206972	.668700	.42822
Between 7 and 10 total livestock units	32	1.27078	1.948419	.344435	.56830
more than 10 total livestock units	44	1.85670	2.465879	.371745	1.10701
Total	599	.94271	2.362943	.096547	.75310

#### Descriptives

total size of all land available for growing crops

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.78793	.000	24.000
Between 0 and 1 total Livestock units	1.59810	.000	24.000
Between 1 and 3 total Livestock units	1.86782	.000	9.000
Between 3 and 5 total Livestock units	2.06130	.000	7.200
Between 5 and 7 total Livestock units	3.20182	.000	12.016
Between 7 and 10 total livestock units	1.97326	.000	9.000
more than 10 total livestock units	2.60640	.000	12.120
Total	1.13233	.000	24.000

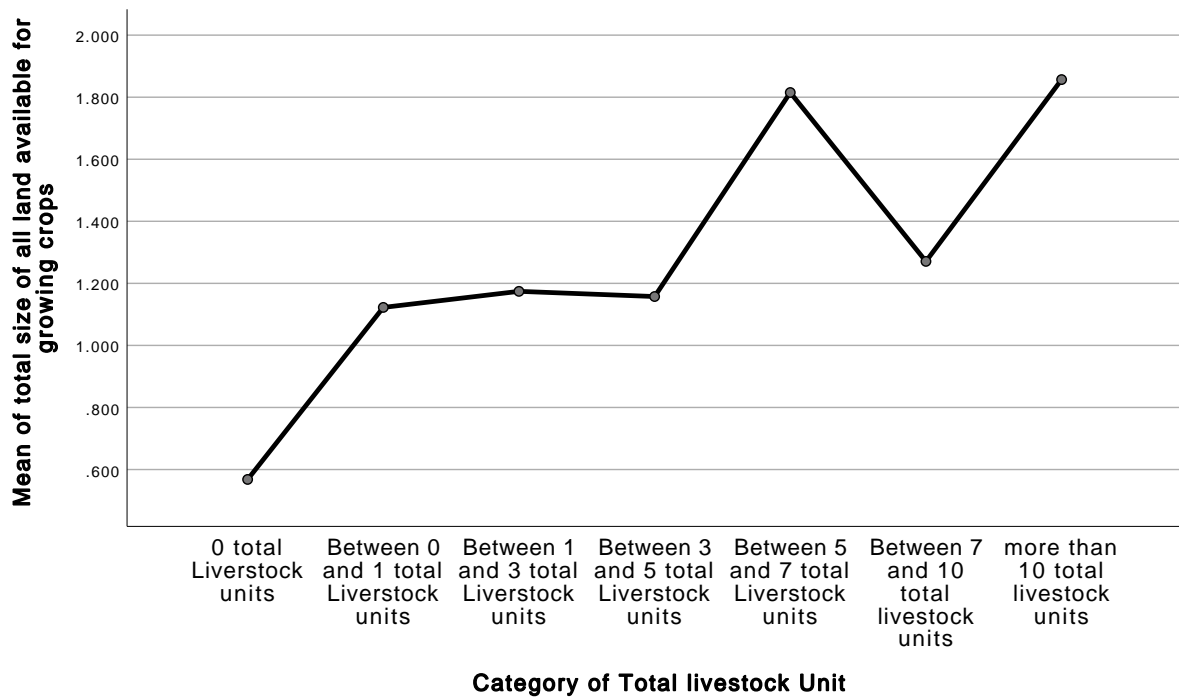
## CROP LAND BY GENDER

### ANOVA

total size of all land available for growing crops

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	106.593	6	17.765	3.254	.004
Within Groups	3232.341	592	5.460		
Total	3338.934	598			

### Means Plots



## PRIVATE OWNED LAND BY GENDER

### Oneway

#### Descriptives

crops private land (own farm) estimated size ha

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.0619	.30251	.01764	.0272
Between 0 and 1 total Livestock units	154	.2455	.97940	.07892	.0895
Between 1 and 3 total Livestock units	32	.1563	.88388	.15625	-.1624
Between 3 and 5 total Livestock units	20	.5601	1.67906	.37545	-.2257
Between 5 and 7 total Livestock units	23	.3913	1.30520	.27215	-.1731
Between 7 and 10 total livestock units	32	.3281	1.60448	.28363	-.2504
more than 10 total livestock units	44	.2159	.68538	.10332	.0075
Total	599	.1690	.81604	.03334	.1035

#### Descriptives

crops private land (own farm) estimated size ha

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.0967	.00	3.00
Between 0 and 1 total Livestock units	.4014	.00	8.00
Between 1 and 3 total Livestock units	.4749	.00	5.00
Between 3 and 5 total Livestock units	1.3459	.00	7.20
Between 5 and 7 total Livestock units	.9557	.00	5.00
Between 7 and 10 total livestock units	.9066	.00	9.00
more than 10 total livestock units	.4243	.00	3.50
Total	.2344	.00	9.00



## PRIVATE OWNED LAND BY GENDER

### ANOVA

crops private land (own farm) estimated size ha

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.379	6	1.563	2.380	.028
Within Groups	388.841	592	.657		
Total	398.219	598			

## RENTED LAND BY GENDER

### Oneway

#### Descriptives

crops private rented land size (ha)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.0952	1.40372	.08187	-.0659
Between 0 and 1 total Livestock units	154	.3390	2.72815	.21984	-.0954
Between 1 and 3 total Livestock units	32	.0000	.00000	.00000	.0000
Between 3 and 5 total Livestock units	20	.0000	.00000	.00000	.0000
Between 5 and 7 total Livestock units	23	.0000	.00000	.00000	.0000
Between 7 and 10 total livestock units	32	.0000	.00000	.00000	.0000
more than 10 total livestock units	44	.0000	.00000	.00000	.0000
Total	599	.1339	1.69876	.06941	-.0024

#### Descriptives

crops private rented land size (ha)

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.2564	.00	24.00
Between 0 and 1 total Livestock units	.7733	.00	24.00
Between 1 and 3 total Livestock units	.0000	.00	.00
Between 3 and 5 total Livestock units	.0000	.00	.00
Between 5 and 7 total Livestock units	.0000	.00	.00
Between 7 and 10 total livestock units	.0000	.00	.00
more than 10 total livestock units	.0000	.00	.00
Total	.2702	.00	24.00

## RENTED LAND BY GENDER

### ANOVA

crops private rented land size (ha)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.622	6	1.604	.553	.768
Within Groups	1716.080	592	2.899		
Total	1725.702	598			

## COMMUNAL LAND BY GENDER

### Oneway

#### Descriptives

crops communal land estimated size

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.4481	1.40778	.08210	.2865
Between 0 and 1 total Livestock units	154	.5569	1.34073	.10804	.3435
Between 1 and 3 total Livestock units	32	1.0000	1.80947	.31987	.3476
Between 3 and 5 total Livestock units	20	1.6500	3.96398	.88637	-.2052
Between 5 and 7 total Livestock units	23	1.0000	2.21565	.46199	.0419
Between 7 and 10 total livestock units	32	.6906	1.25399	.22168	.2385
more than 10 total livestock units	44	1.6705	3.03074	.45690	.7490
Total	599	.6696	1.77928	.07270	.5268

#### Descriptives

crops communal land estimated size

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.6096	.00	11.50
Between 0 and 1 total Livestock units	.7704	.00	10.00
Between 1 and 3 total Livestock units	1.6524	.00	9.00
Between 3 and 5 total Livestock units	3.5052	.00	15.00
Between 5 and 7 total Livestock units	1.9581	.00	10.00
Between 7 and 10 total livestock units	1.1427	.00	5.00
more than 10 total livestock units	2.5919	.00	17.00
Total	.8124	.00	17.00

## COMMUNAL LAND BY GENDER

### ANOVA

crops communal land estimated size

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	85.702	6	14.284	4.678	.000
Within Groups	1807.474	592	3.053		
Total	1893.176	598			

## OTHER LAND BY GENDER

### Oneway

#### Descriptives

crops other type of land estimated size (ha)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.0182	.23575	.01375	-.0088
Between 0 and 1 total Livestock units	154	.1171	.51267	.04131	.0355
Between 1 and 3 total Livestock units	32	.0156	.08839	.01563	-.0162
Between 3 and 5 total Livestock units	20	.0025	.01118	.00250	-.0027
Between 5 and 7 total Livestock units	23	.6411	2.49161	.51954	-.4364
Between 7 and 10 total livestock units	32	.2505	.80307	.14196	-.0391
more than 10 total livestock units	44	.3681	1.91042	.28801	-.2128
Total	599	.1050	.80059	.03271	.0408

#### Descriptives

crops other type of land estimated size (ha)

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.0453	.00	4.00
Between 0 and 1 total Livestock units	.1988	.00	4.00
Between 1 and 3 total Livestock units	.0475	.00	.50
Between 3 and 5 total Livestock units	.0077	.00	.05
Between 5 and 7 total Livestock units	1.7185	.00	12.02
Between 7 and 10 total livestock units	.5400	.00	3.00
more than 10 total livestock units	.9489	.00	12.12
Total	.1693	.00	12.12

## OTHER LAND BY GENDER

### ANOVA

crops other type of land estimated size (ha)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	13.034	6	2.172	3.473	.002
Within Groups	370.250	592	.625		
Total	383.284	598			

## PRIVATE OWNED GRAZE LAND BY GENDER

### Oneway

#### Descriptives

grazig private land (own farm) estimated size ha

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.0000	.00000	.00000	.0000
Between 0 and 1 total Livestock units	154	.0000	.00000	.00000	.0000
Between 1 and 3 total Livestock units	32	.0000	.00000	.00000	.0000
Between 3 and 5 total Livestock units	20	.0000	.00000	.00000	.0000
Between 5 and 7 total Livestock units	23	.0000	.00000	.00000	.0000
Between 7 and 10 total livestock units	32	.0000	.00000	.00000	.0000
more than 10 total livestock units	44	.0000	.00000	.00000	.0000
Total	599	.0000	.00000	.00000	.0000

#### Descriptives

grazig private land (own farm) estimated size ha

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.0000	.00	.00
Between 0 and 1 total Livestock units	.0000	.00	.00
Between 1 and 3 total Livestock units	.0000	.00	.00
Between 3 and 5 total Livestock units	.0000	.00	.00
Between 5 and 7 total Livestock units	.0000	.00	.00
Between 7 and 10 total livestock units	.0000	.00	.00
more than 10 total livestock units	.0000	.00	.00
Total	.0000	.00	.00



# PRIVATE OWNED GRAZE LAND BY GENDER

## ANOVA

grazig private land (own farm) estimated size ha

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	6	.000	.	.
Within Groups	.000	592	.000		
Total	.000	598			

## OTHER GRAZE LAND BY GENDER

### Oneway

#### Descriptives

grazing other type of land estimated size in ha

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.0000	.00000	.00000	.0000
Between 0 and 1 total Livestock units	154	.0000	.00000	.00000	.0000
Between 1 and 3 total Livestock units	32	.0000	.00000	.00000	.0000
Between 3 and 5 total Livestock units	20	.0000	.00000	.00000	.0000
Between 5 and 7 total Livestock units	23	.0000	.00000	.00000	.0000
Between 7 and 10 total livestock units	32	.0000	.00000	.00000	.0000
more than 10 total livestock units	44	.0000	.00000	.00000	.0000
Total	599	.0000	.00000	.00000	.0000

#### Descriptives

grazing other type of land estimated size in ha

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.0000	.00	.00
Between 0 and 1 total Livestock units	.0000	.00	.00
Between 1 and 3 total Livestock units	.0000	.00	.00
Between 3 and 5 total Livestock units	.0000	.00	.00
Between 5 and 7 total Livestock units	.0000	.00	.00
Between 7 and 10 total livestock units	.0000	.00	.00
more than 10 total livestock units	.0000	.00	.00
Total	.0000	.00	.00

## OTHER GRAZE LAND BY GENDER

### ANOVA

grazing other type of land estimated size in ha

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	6	.000	.	.
Within Groups	.000	592	.000		
Total	.000	598			

## IRRIGATED LAND BY GENDER

### Oneway

#### Descriptives

How much of the land is irrigated (ha)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	.23370	1.586647	.092535	.05158
Between 0 and 1 total Livestock units	154	.50637	2.797299	.225413	.06105
Between 1 and 3 total Livestock units	32	.35469	.740244	.130858	.08780
Between 3 and 5 total Livestock units	20	.20000	.523148	.116980	-.04484
Between 5 and 7 total Livestock units	23	.31611	.776487	.161909	-.01967
Between 7 and 10 total livestock units	32	.15937	.447112	.079039	-.00183
more than 10 total livestock units	44	.75273	1.364705	.205737	.33782
Total	599	.34646	1.861897	.076075	.19705

#### Descriptives

How much of the land is irrigated (ha)

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	.41582	.000	24.000
Between 0 and 1 total Livestock units	.95170	.000	24.000
Between 1 and 3 total Livestock units	.62157	.000	3.000
Between 3 and 5 total Livestock units	.44484	.000	2.000
Between 5 and 7 total Livestock units	.65189	.000	3.000
Between 7 and 10 total livestock units	.32058	.000	2.000
more than 10 total livestock units	1.16764	.000	5.000
Total	.49587	.000	24.000

## IRRIGATED LAND BY GENDER

### ANOVA

How much of the land is irrigated (ha)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	16.511	6	2.752	.792	.576
Within Groups	2056.552	592	3.474		
Total	2073.063	598			

# SOURCE OF WATER BY GENDER

## 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%

# SOURCE OF WATER BY GENDER

## 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%

# SOURCE OF WATER BY GENDER

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

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



# SOURCE OF WATER BY GENDER

## SourceOfWaterHh \* Category of Total livestock Unit Crosstabulation

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

# SOURCE OF WATER BY GENDER

## 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%

# SOURCE OF WATER BY GENDER

## 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%

# SOURCE OF WATER BY GENDER

## 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%

# SOURCE OF WATER BY GENDER

## 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%

## SOURCE OF WATER BY GENDER

### 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 Total livestock Unit
		0.0%
	protected spring	Count
		3
		% within Category of Total livestock Unit
		1.9%
	other	Count
		8
		% within Category of Total livestock Unit
		5.2%
Total	Count	154
		% within Category of Total livestock Unit
		100.0%

## SOURCE OF WATER BY GENDER

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

		Category of ... Between 1 and 3 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
		3.1%
	other	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
		% within Category of Total livestock Unit
		0.0%
	protected spring	Count
		1
		% within Category of Total livestock Unit
		5.0%
	other	Count
		2
		% within Category of Total livestock Unit
		10.0%
Total		Count
		20
		% within Category of Total livestock Unit
		100.0%

## SOURCE OF WATER BY GENDER

### 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
	Total	% within Category of Total livestock Unit
		4.3%
	Total	Count
		23
	Total	% 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
	Total	% within Category of Total livestock Unit
		6.3%
	Total	Count
		32
	Total	% within Category of Total livestock Unit
		100.0%



# SOURCE OF WATER BY GENDER

## 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%

## SOURCE OF WATER BY GENDER

### 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.

## FREQUENCY WHY LAND NOT USED

## WHY LAND NOT USED BY GENDER

### Crosstabs

#### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Category of Total livestock Unit * lack of seeds	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * lack of fertilizer	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * lack of water	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * lack of labor	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * pest	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * rented out	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * too old/young	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * too little money	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * not interested	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * other specific reason	599	100.0%	0	0.0%	599	100.0%
Category of Total livestock Unit * Specify other reason	599	100.0%	0	0.0%	599	100.0%

### Category of Total livestock Unit \* lack of seeds

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		lack of seeds		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	283	11	294
	Between 0 and 1 total Livestock units	147	7	154
	Between 1 and 3 total Livestock units	32	0	32
	Between 3 and 5 total Livestock units	20	0	20
	Between 5 and 7 total Livestock units	23	0	23
	Between 7 and 10 total livestock units	31	1	32
	more than 10 total livestock units	42	2	44
Total		578	21	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.419 <sup>a</sup>	6	.755
Likelihood Ratio	5.995	6	.424
Linear-by-Linear Association	.201	1	.654
N of Valid Cases	599		

a. 5 cells (35,7%) have expected count less than 5. The minimum expected count is ,70.

### Category of Total livestock Unit \* lack of fertilizer

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		lack of fertilizer		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	293	1	294
	Between 0 and 1 total Livestock units	151	3	154
	Between 1 and 3 total Livestock units	32	0	32
	Between 3 and 5 total Livestock units	20	0	20
	Between 5 and 7 total Livestock units	23	0	23
	Between 7 and 10 total livestock units	31	1	32
	more than 10 total livestock units	42	2	44
Total		592	7	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.849 <sup>a</sup>	6	.182
Likelihood Ratio	8.102	6	.231
Linear-by-Linear Association	4.597	1	.032
N of Valid Cases	599		

a. 7 cells (50,0%) have expected count less than 5. The minimum expected count is ,23.

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

## WHY LAND NOT USED BY GENDER

### Crosstab

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.

### Category of Total livestock Unit \* lack of labor

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		lack of labor		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	290	4	294
	Between 0 and 1 total Livestock units	147	7	154
	Between 1 and 3 total Livestock units	32	0	32
	Between 3 and 5 total Livestock units	20	0	20
	Between 5 and 7 total Livestock units	22	1	23
	Between 7 and 10 total livestock units	31	1	32
	more than 10 total livestock units	39	5	44
Total		581	18	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.283 <sup>a</sup>	6	.012
Likelihood Ratio	14.071	6	.029
Linear-by-Linear Association	7.768	1	.005
N of Valid Cases	599		

a. 6 cells (42,9%) have expected count less than 5. The minimum expected count is ,60.

### Category of Total livestock Unit \* pest



## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		pest		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	293	1	294
	Between 0 and 1 total Livestock units	151	3	154
	Between 1 and 3 total Livestock units	32	0	32
	Between 3 and 5 total Livestock units	20	0	20
	Between 5 and 7 total Livestock units	23	0	23
	Between 7 and 10 total livestock units	32	0	32
	more than 10 total livestock units	44	0	44
Total		595	4	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.296 <sup>a</sup>	6	.506
Likelihood Ratio	5.110	6	.530
Linear-by-Linear Association	.369	1	.544
N of Valid Cases	599		

a. 7 cells (50,0%) have expected count less than 5. The minimum expected count is ,13.

### Category of Total livestock Unit \* rented out

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		rented out no	Total
Category of Total livestock Unit	0 total Livestock units	294	294
	Between 0 and 1 total Livestock units	154	154
	Between 1 and 3 total Livestock units	32	32
	Between 3 and 5 total Livestock units	20	20
	Between 5 and 7 total Livestock units	23	23
	Between 7 and 10 total livestock units	32	32
	more than 10 total livestock units	44	44
Total		599	599

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	599

a. No statistics are computed because rented out is a constant.

### Category of Total livestock Unit \* too old/young

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		too old/young		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	292	2	294
	Between 0 and 1 total Livestock units	153	1	154
	Between 1 and 3 total Livestock units	32	0	32
	Between 3 and 5 total Livestock units	19	1	20
	Between 5 and 7 total Livestock units	23	0	23
	Between 7 and 10 total livestock units	30	2	32
	more than 10 total livestock units	44	0	44
Total		593	6	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.614 <sup>a</sup>	6	.034
Likelihood Ratio	8.263	6	.219
Linear-by-Linear Association	1.703	1	.192
N of Valid Cases	599		

a. 7 cells (50,0%) have expected count less than 5. The minimum expected count is ,20.

### Category of Total livestock Unit \* too little money

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		too little money		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	287	7	294
	Between 0 and 1 total Livestock units	142	12	154
	Between 1 and 3 total Livestock units	27	5	32
	Between 3 and 5 total Livestock units	15	5	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	39	5	44
Total		558	41	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.012 <sup>a</sup>	6	.000
Likelihood Ratio	25.265	6	.000
Linear-by-Linear Association	14.443	1	.000
N of Valid Cases	599		

a. 5 cells (35,7%) have expected count less than 5. The minimum expected count is 1,37.

### Category of Total livestock Unit \* not interested

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		not interested		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	292	2	294
	Between 0 and 1 total Livestock units	154	0	154
	Between 1 and 3 total Livestock units	31	1	32
	Between 3 and 5 total Livestock units	20	0	20
	Between 5 and 7 total Livestock units	23	0	23
	Between 7 and 10 total livestock units	32	0	32
	more than 10 total livestock units	44	0	44
Total		596	3	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.986 <sup>a</sup>	6	.425
Likelihood Ratio	4.917	6	.555
Linear-by-Linear Association	.362	1	.547
N of Valid Cases	599		

a. 7 cells (50,0%) have expected count less than 5. The minimum expected count is ,10.

**Category of Total livestock Unit \* other specific reason**

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		other specific reason		Total
		no	yes	
Category of Total livestock Unit	0 total Livestock units	290	4	294
	Between 0 and 1 total Livestock units	147	7	154
	Between 1 and 3 total Livestock units	32	0	32
	Between 3 and 5 total Livestock units	20	0	20
	Between 5 and 7 total Livestock units	22	1	23
	Between 7 and 10 total livestock units	31	1	32
	more than 10 total livestock units	43	1	44
Total		585	14	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.258 <sup>a</sup>	6	.395
Likelihood Ratio	6.897	6	.331
Linear-by-Linear Association	.240	1	.624
N of Valid Cases	599		

a. 6 cells (42,9%) have expected count less than 5. The minimum expected count is ,47.

### Category of Total livestock Unit \* Specify other reason

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

			Specify other reason	
			DROUGHT	equipment
Category of Total livestock Unit	0 total Livestock units	286	0	1
	Between 0 and 1 total Livestock units	147	0	0
	Between 1 and 3 total Livestock units	31	0	0
	Between 3 and 5 total Livestock units	20	0	0
	Between 5 and 7 total Livestock units	21	1	0
	Between 7 and 10 total livestock units	31	0	0
	more than 10 total livestock units	41	0	0
Total		577	1	1

### Crosstab

Count

		Specify other reason		
		hire a tractor	Hire tractor	IRRIGATION EQUIPMENT
Category of Total livestock Unit	0 total Livestock units	1	0	1
	Between 0 and 1 total Livestock units	0	1	0
	Between 1 and 3 total Livestock units	0	0	0
	Between 3 and 5 total Livestock units	0	0	0
	Between 5 and 7 total Livestock units	0	0	0
	Between 7 and 10 total livestock units	0	0	0
	more than 10 total livestock units	0	0	0
Total		1	1	1

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		Specify other reason	
		LACK OF MONEY TO BUY PIPES	LACK OF PESTICIDES
Category of Total livestock Unit	0 total Livestock units	1	0
	Between 0 and 1 total Livestock units	0	0
	Between 1 and 3 total Livestock units	0	0
	Between 3 and 5 total Livestock units	0	0
	Between 5 and 7 total Livestock units	0	0
	Between 7 and 10 total livestock units	0	0
	more than 10 total livestock units	0	1
Total		1	1

### Crosstab

Count

		Specify other reason		
		NO AVAILABLE LAND	NO FENCH	No fencing
Category of Total livestock Unit	0 total Livestock units	1	0	0
	Between 0 and 1 total Livestock units	0	0	1
	Between 1 and 3 total Livestock units	0	0	0
	Between 3 and 5 total Livestock units	0	0	0
	Between 5 and 7 total Livestock units	0	0	1
	Between 7 and 10 total livestock units	0	1	0
	more than 10 total livestock units	0	0	0
Total		1	1	2



## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		Specify other reason		
		NO RAIN	NO RAINFALL	NOT FENCED
Category of Total livestock Unit	0 total Livestock units	0	0	0
	Between 0 and 1 total Livestock units	0	0	1
	Between 1 and 3 total Livestock units	0	1	0
	Between 3 and 5 total Livestock units	0	0	0
	Between 5 and 7 total Livestock units	0	0	0
	Between 7 and 10 total livestock units	0	0	0
	more than 10 total livestock units	1	0	0
Total		1	1	1

### Crosstab

Count

		Specify other reason	
		other reasons It was out of season	Poor rainfall
Category of Total livestock Unit	0 total Livestock units	0	1
	Between 0 and 1 total Livestock units	1	0
	Between 1 and 3 total Livestock units	0	0
	Between 3 and 5 total Livestock units	0	0
	Between 5 and 7 total Livestock units	0	0
	Between 7 and 10 total livestock units	0	0
	more than 10 total livestock units	0	0
Total		1	1

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		Specify other reason	
		Poor rains, lck of fencing	RAIN SCARCITY
Category of Total livestock Unit	0 total Livestock units	0	0
	Between 0 and 1 total Livestock units	1	1
	Between 1 and 3 total Livestock units	0	0
	Between 3 and 5 total Livestock units	0	0
	Between 5 and 7 total Livestock units	0	0
	Between 7 and 10 total livestock units	0	0
	more than 10 total livestock units	0	0
Total		1	1

### Crosstab

Count

		Specify other reason	
		STILL BEING CLEARED	THE POSITION IS NOT DEBUSHED
Category of Total livestock Unit	0 total Livestock units	0	1
	Between 0 and 1 total Livestock units	0	0
	Between 1 and 3 total Livestock units	0	0
	Between 3 and 5 total Livestock units	0	0
	Between 5 and 7 total Livestock units	0	0
	Between 7 and 10 total livestock units	0	0
	more than 10 total livestock units	1	0
Total		1	1

## WHY LAND NOT USED BY GENDER

### Crosstab

Count

		Specify other reason		Total
		WATER EQUIPMENT BROKE DOWN	WE ARE STILL DEBUSHING OTHER PORTION	
Category of Total livestock Unit	0 total Livestock units	1	0	294
	Between 0 and 1 total Livestock units	0	1	154
	Between 1 and 3 total Livestock units	0	0	32
	Between 3 and 5 total Livestock units	0	0	20
	Between 5 and 7 total Livestock units	0	0	23
	Between 7 and 10 total livestock units	0	0	32
	more than 10 total livestock units	0	0	44
Total		1	1	599

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	137.101 <sup>a</sup>	126	.235
Likelihood Ratio	68.231	126	1.000
N of Valid Cases	599		

a. 147 cells (95,5%) have expected count less than 5. The minimum expected count is ,03.

## SHOP LOCATION BY GENDER

### Oneway

#### Descriptives

Facilities shop were basic foodstuffs can be bought (walking time in min)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	18.91	74.614	4.352	10.35
Between 0 and 1 total Livestock units	154	25.73	72.345	5.830	14.21
Between 1 and 3 total Livestock units	32	16.31	25.138	4.444	7.25
Between 3 and 5 total Livestock units	20	48.40	121.164	27.093	-8.31
Between 5 and 7 total Livestock units	23	64.96	155.697	32.465	-2.37
Between 7 and 10 total livestock units	32	230.69	1093.474	193.301	-163.55
more than 10 total livestock units	44	16.34	13.997	2.110	12.09
Total	599	34.40	264.081	10.790	13.21

#### Descriptives

Facilities shop were basic foodstuffs can be bought (walking time in min)

	95% Confidence Interval for...	Minimum	Maximum
	Upper Bound		
0 total Livestock units	27.48	0	1200
Between 0 and 1 total Livestock units	37.24	0	555
Between 1 and 3 total Livestock units	25.38	0	120
Between 3 and 5 total Livestock units	105.11	0	555
Between 5 and 7 total Livestock units	132.28	0	555
Between 7 and 10 total livestock units	624.93	0	6200
more than 10 total livestock units	20.60	0	60
Total	55.60	0	6200

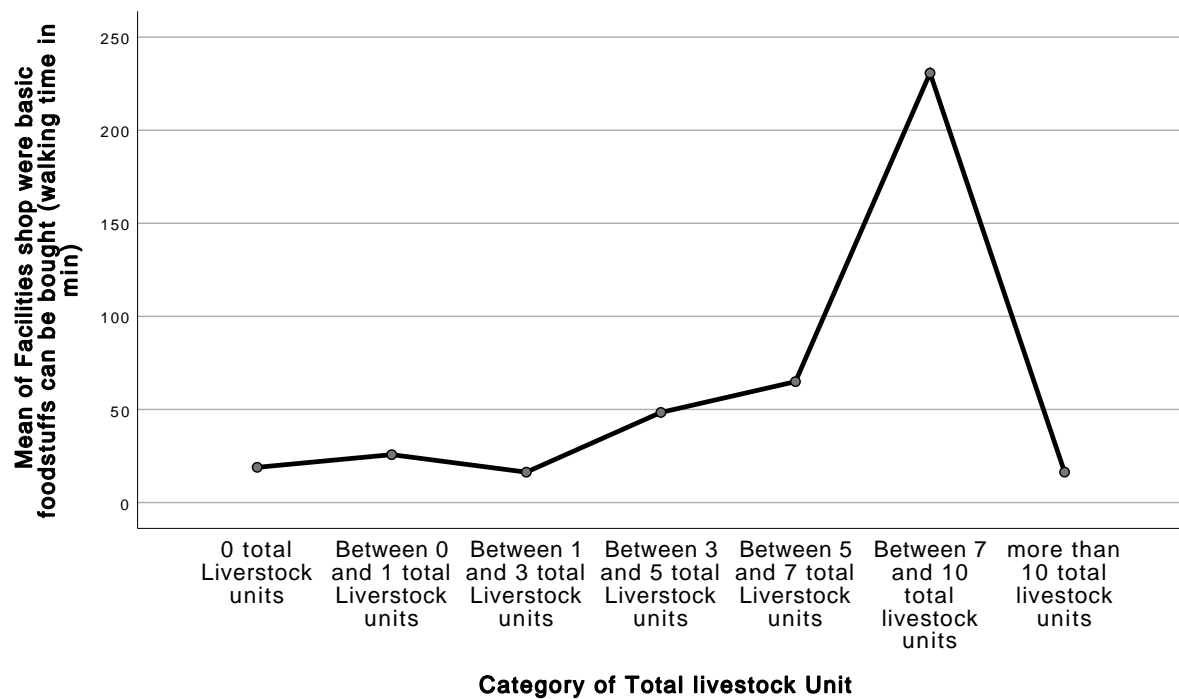
## SHOP LOCATION BY GENDER

### ANOVA

Facilities shop were basic foodstuffs can be bought (walking time in min)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1365215.42	6	227535.903	3.339	.003
Within Groups	40338502.8	592	68139.363		
Total	41703718.2	598			

### Means Plots



## MARKET BUY GOOD AND FOOD BY Cat Livestock Units

### Oneway

#### Descriptives

Facilities market to buy goods and food (walking time in min)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	294	38.56	159.073	9.277	20.30
Between 0 and 1 total Livestock units	154	36.31	112.378	9.056	18.42
Between 1 and 3 total Livestock units	32	51.56	139.315	24.628	1.33
Between 3 and 5 total Livestock units	20	49.00	107.049	23.937	-1.10
Between 5 and 7 total Livestock units	23	106.96	292.554	61.002	-19.55
Between 7 and 10 total livestock units	32	285.94	1112.628	196.687	-115.21
more than 10 total livestock units	44	84.86	293.083	44.184	-4.24
Total	599	58.27	306.164	12.510	33.70

#### Descriptives

Facilities market to buy goods and food (walking time in min)

	95% Confidence Interval for... Upper Bound	Minimum	Maximum
0 total Livestock units	56.82	0	1200
Between 0 and 1 total Livestock units	54.20	0	675
Between 1 and 3 total Livestock units	101.79	0	675
Between 3 and 5 total Livestock units	99.10	0	405
Between 5 and 7 total Livestock units	233.47	0	1305
Between 7 and 10 total livestock units	687.08	0	6200
more than 10 total livestock units	173.97	0	1290
Total	82.84	0	6200

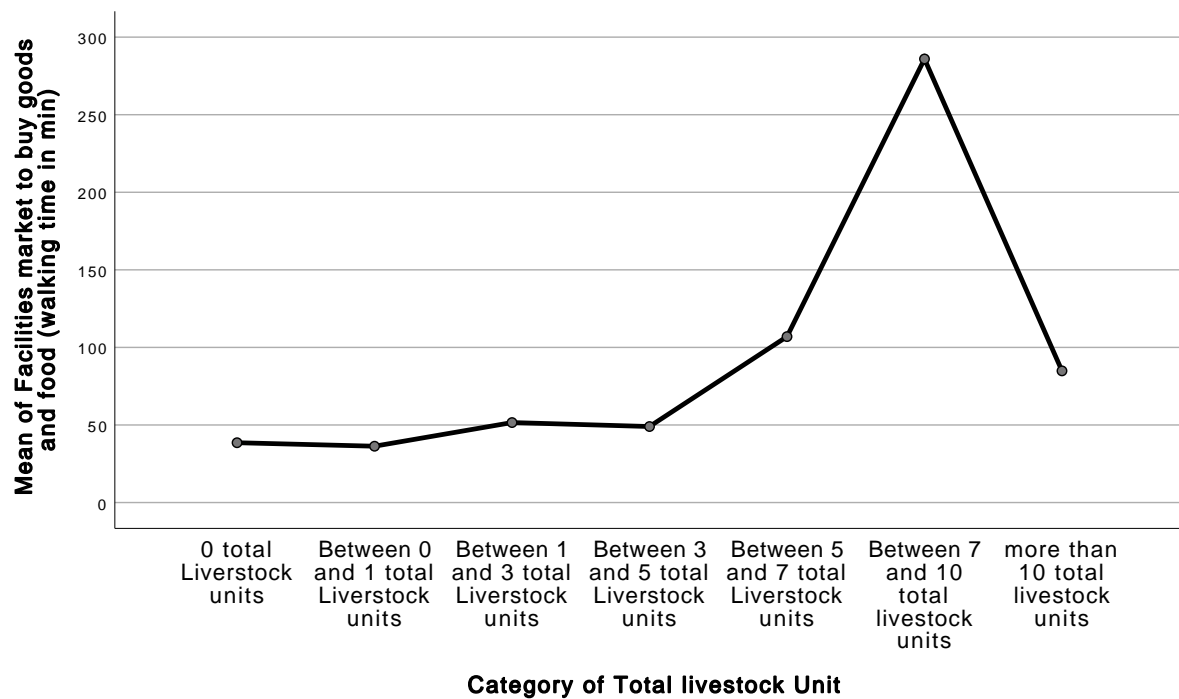
## MARKET BUY GOOD AND FOOD BY Cat Livestock Units

### ANOVA

Facilities market to buy goods and food (walking time in min)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1935910.36	6	322651.727	3.529	.002
Within Groups	54118417.9	592	91416.246		
Total	56054328.2	598			

### Means Plots



## CROPINDEX BY GENDER

### Oneway

#### Descriptives

Cropindex (Total crops cultivated)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
0 total Livestock units	293	1.6177	2.48915	.14542	1.3315
Between 0 and 1 total Livestock units	153	2.5359	2.80279	.22659	2.0883
Between 1 and 3 total Livestock units	32	3.0938	3.58635	.63398	1.8007
Between 3 and 5 total Livestock units	20	1.0000	1.45095	.32444	.3209
Between 5 and 7 total Livestock units	23	3.6087	3.63992	.75898	2.0347
Between 7 and 10 total livestock units	32	2.1563	2.94147	.51998	1.0957
more than 10 total livestock units	44	3.9545	3.14720	.47446	2.9977
Total	597	2.1893	2.83187	.11590	1.9617

#### Descriptives

Cropindex (Total crops cultivated)

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
0 total Livestock units	1.9039	.00	11.00
Between 0 and 1 total Livestock units	2.9836	.00	12.00
Between 1 and 3 total Livestock units	4.3868	.00	14.00
Between 3 and 5 total Livestock units	1.6791	.00	5.00
Between 5 and 7 total Livestock units	5.1827	.00	14.00
Between 7 and 10 total livestock units	3.2168	.00	13.00
more than 10 total livestock units	4.9114	.00	12.00
Total	2.4169	.00	14.00



## CROPINDEX BY GENDER

### ANOVA

Cropindex (Total crops cultivated)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	352.047	6	58.674	7.819	.000
Within Groups	4427.565	590	7.504		
Total	4779.611	596			

### Means Plots

