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Uganda Selected Rural Livelihoods Data Tables

by

John Mims and Laurence Mathieu

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ABOUT LADDER

LADDER is a research project funded by the Policy Research Programme of the UK Department for International Development (DFID) that seeks to identify alternative routes by which the rural poor can climb out of poverty. LADDER is working with nearly 40 villages and 1,200 households in Uganda, Tanzania, Malawi and Kenya to discover the blocking and enabling agencies in the institutional environment facing rural people that hinder or help their quest for better standards of living for themselves and their families.

This working paper represents work-in-progress and the reader is advised that it has not been subjected to academic quality control, nor edited for errors of fact or interpretation. The paper forms part of a mosaic of research findings that will contribute towards an overall picture of rural livelihoods and micro-macro links to poverty policies in the case-study countries. The findings and views expressed here are solely the responsibility of the authors and are not attributable to DFID.

All available Working Papers and Village Reports can be downloaded from the project website: http://www.uea.ac.uk/dev/odg/ladder/, which also details other information about the project. For any further enquiries, please email j.mims@uea.ac.uk.

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DESCRIPTION OF DATA SET

Overview
The purpose of this Working Paper is to provide a basic set of summary statistics arising from the LADDER sample survey work in Uganda. Interpretation of these data tables is facilitated by reference to LADDER Working Paper No.2 which provides the questionnaires from which the underlying data set was compiled, and also to Working Paper No.5 which makes use of some of the data in order to construct an overview of rural livelihoods in Uganda.

The data underlying these tables were collected in three districts and nine villages of rural Uganda between January and April 2001. The list of districts and villages is summarised below, and maps showing their location are provided at Maps 1 to 4 in this collection.

No	Village	Livelihood System	Sub-County	District
1	Bukhasusa	upland coffee-banana	Butiru	Mbale
2	Buwopuwa	lowland maize-cotton	Butiru	
3	Bunabuso	upland coffee-banana	Bududa	
4	Iyingo	fishing and farming	Kagulu	Kamuli
5	Kinamwanga	fishing and farming	Kidera	
6	Kiribairya	fishing and farming	Buyende	
7	Kabbo	banana-maize, livestock	Kasambya	Mubende
8	Kansambya	coffee-banana, livestock	Maddudu	
9	Kalangaalo	coffee-banana, livestock	Bulera	

The general approach to sampling in each village was to utilise a PRA wealth ranking exercise in order to identify three wealth groups that acted as the sampling frame for a stratified random sample. With a list of households in each wealth group, 10 households were randomly chosen from each of the well-off and middle categories, and 15 households from the poor category, resulting in a sample size of 35 households for each village. Hence, 105 households were sampled in each district, and 315 households sampled across the three districts.

In Kamuli district, this approach was modified in order to ensure that half the total village sample of 35 households comprised households that were engaged in one capacity or another in fishing as a livelihood activity.

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The purpose of the wealth ranking, aside from the perceptions about poverty and wealth gained from the exercise itself, was to ensure that the sample of 35 households drawn per village represented the full range of livelihood circumstances to be found in villages, rather than being accidentally clustered around the mode of the range. The decision to sample more households from the poor wealth category has the effect of slightly biasing the overall village sample towards the lower end of the wealth range, consistent with the intention of capturing especially the livelihood circumstances of the poorer members of village society in Uganda.

The procedure described was not designed to make inferences about the larger populations from which the samples were drawn, whether at district or country levels. The purposive fieldwork selection procedure from districts, to villages, and to households set out to identify and describe a range of livelihood patterns that were likely to contain within them the experiences of a substantial proportion of rural individuals and households in Uganda. However, no claims are made about the statistical representativeness of sample findings with respect to populations in the districts that were studied nor for Uganda as a whole. Furthermore, since the sample data provided here have not been weighted yet, no attempt has been made to draw inferences about the village populations either.

As such, village and district names used in these tables should be read as shorthand for 'village or district sample', for example 'Mbale' refers only to the 105 households surveyed in that district. For this reason, the number of households in each analysis is denoted by N rather than n.

In the data tables compiled here, N is always 35 households for each village, 105 households for each district, and 315 households for the sample overall. Where households self-exclude from certain sub-samples due to particular characteristics that are being examined e.g. fishing vs non-fishing households, then this is made clear in the table or in an accompanying footnote.

Selected Statistical Definitions

Acronym	Full Name	Description
EAAs	Economically Active Adults	HH members aged 15-60 years, inclusive, regardless of gender, but excluding those still in education
AEUs	Adult Equivalent Units	Based on consumption: male 15 years or older = 1; female 15 years or older = 0.8; male or female 14 years or under = 0.5
CEUs	Cattle Equivalent Units	Based on market value ratios between livestock: cattle = 1; pigs = 0.14; goats = 0.12; sheep = 0.10; turkeys = 0.04; chickens = 0.02; others = given price/5% trimmed mean cattle price
	Per Capita Income	Net Total Household Income divided by AEUs
	Income Terciles or Quartiles	Calculated by ranking households from highest to lowest on the basis of per capita income, a) per district and b) for the whole sample. In general, for a district, terciles each contain 35 HHs and quartiles 26 HHs; for the whole sample, 105 HHs and 79 HHs respectively

Asset Definitions Used in Constructing Asset Tables and Polygons

HH Size No. of resident EAAs

Land Area owned in ha.

Tools of the Trade value based index for ownership of axes, hoes, knives & sewing machines. Index is calculated per HH by:
a) determine typical district price for each tool
b) for each HH, calculate no. of each tool X typical price
c) sum values
d) standardize total value by
HH tool index = (total HH value of tools/maximum value within district sample)X100

Education HH total years in education for resident EAAs. Education level reached taken as proxy for years on basis of None=0; P4=4; P7=7; S4=11; S6=13; Higher=15
NB Totals used instead of mean because means can 'water down' educational capital. e.g., HH1: 3 EAAS with 11, 1 & 0 years in education; mean = 4

Livestock   Livestock holding in CEUs

Boat & gear assets

Boat assets
Asset index, calculated similarly to above:
Boat assets = No. owned (per type) x 5% trimmed mean current cost (per type). Standardised by: (HH value/max value) x 100
Some adjustments made:
1. Missing boat nos. substituted with value of 1
2. Rented boats not included as assets on assumption that renting/labouring is similar to sharecropping land. These cases deleted.
3. For joint ownership (household UGD2V5H28), no further evidence of share proportions/basis on survey forms, so asset simply halved.

Gear assets
Asset index calculated on similar basis to above, except that missing gear nos. substituted with mean value (per type)

Boat & gear assets
Asset index calculated by
a) for each HH, sum total value of boats and total value of gears
b) calculate index from this by standardizing as above

Household Assets in Rural Uganda

Key Household Assets

Table 1. Mean & Median Selected Assets, by District

		District			All
		Mbale	**Kamuli**	**Mubende**	**All**
	N	*105*	*105*	*105*	*315*
HH SIze	Mean	5.62	5.53	5.34	5.50
	s.d.	*3.00*	*2.78*	*2.54*	*2.77*
	Median	5.0	5.0	5.0	5.0
Area owned (ha.)	Mean	1.55	.67	2.09	1.43
	s.d.	*2.34*	*1.27*	*2.26*	*2.09*
	Median	.8	.0	1.4	.8
Tools	Mean	13.95	2.77	14.22	10.31
	s.d.	*16.45*	*5.02*	*17.45*	*15.08*
	Median	8.9	1.8	10.2	8.1
Education	Mean	10.48	9.23	9.15	9.62
	s.d.	*8.60*	*7.41*	*7.73*	*7.93*
	Median	11.0	7.0	8.0	8.0
Livestock	Mean	1.30	2.41	2.17	1.96
	s.d.	*1.77*	*7.29*	*6.29*	*5.65*
	Median	.5	.3	.4	.4
Boats and gear	*(N*	*0*	*32*	*0*	*32)*
	Mean	.	21.13	.	21.13
	s.d.	*.*	*21.37*	*.*	*21.37*
	Median	.	16.1	.	16.1

HH Size: No. of residents (all ages)
Tools: Value based index of tools owned
Education: Total no. of years in education (resident EAAs)
Livestock: Livestock holding in CEUs
Boats and gear: Value based index of boats & gear owned

Table 2. Mean & Median Selected Assets by Income Tercile, by District

District: Mbale

| | | Per capita income tercile | | | |
		I	II	III	All
	N	35	35	35	105
HH SIze	Mean	5.37	5.60	5.89	5.62
	s.d.	2.95	2.70	3.37	3.00
	Median	5.0	5.0	5.0	5.0
Area owned (ha.)	Mean	.51	1.28	2.84	1.55
	s.d.	.54	1.41	3.40	2.34
	Median	.2	.8	1.2	.8
Tools	Mean	8.29	13.15	20.42	13.95
	s.d.	3.84	13.78	23.38	16.45
	Median	8.9	11.2	11.2	8.9
Education	Mean	8.66	11.74	11.03	10.48
	s.d.	8.15	7.84	9.64	8.60
	Median	7.0	11.0	8.0	11.0
Livestock	Mean	.68	1.14	2.09	1.30
	s.d.	1.28	1.39	2.22	1.77
	Median	.2	.5	1.6	.5

District: Kamuli

| | | Per capita income tercile | | | |
		I	II	III	All
	N	35	35	35	105
HH SIze	Mean	6.11	5.46	5.03	5.53
	s.d.	2.39	3.24	2.61	2.78
	Median	6.0	4.0	5.0	5.0
Area owned (ha.)	Mean	.30	.96	.75	.67
	s.d.	.52	1.70	1.25	1.27
	Median	.0	.2	.0	.0
Tools	Mean	2.57	3.48	2.26	2.77
	s.d.	6.02	5.89	2.29	5.02
	Median	1.7	2.3	1.7	1.8
Education	Mean	8.46	8.94	10.29	9.23
	s.d.	6.51	8.87	6.69	7.41
	Median	8.0	7.0	11.0	7.0
Livestock	Mean	.93	3.95	2.35	2.41
	s.d.	3.47	11.03	4.91	7.29
	Median	.1	.5	.3	.3
Boats and gear	N	3	8	21	32
	Mean	7.39	16.44	24.87	21.13
	s.d.	5.81	14.73	24.01	21.37
	Median	10.2	16.1	18.1	16.1

District: Mubende

		Per capita income tercile			All
		I	II	III	
	N	35	35	35	105
HH SIze	Mean	5.46	5.46	5.11	5.34
	s.d.	2.73	2.56	2.37	2.54
	Median	5.0	5.0	5.0	5.0
Area owned (ha.)	Mean	1.21	1.85	3.20	2.09
	s.d.	1.01	1.56	3.16	2.26
	Median	1.0	1.4	2.2	1.4
Tools	Mean	12.75	16.22	13.68	14.22
	s.d.	16.92	19.45	16.14	17.45
	Median	8.3	10.2	10.2	10.2
Education	Mean	7.40	7.97	12.09	9.15
	s.d.	7.14	6.68	8.59	7.73
	Median	7.0	8.0	11.0	8.0
Livestock	Mean	.51	1.12	4.86	2.17
	s.d.	.92	1.77	10.28	6.29
	Median	.1	.5	.9	.4

All

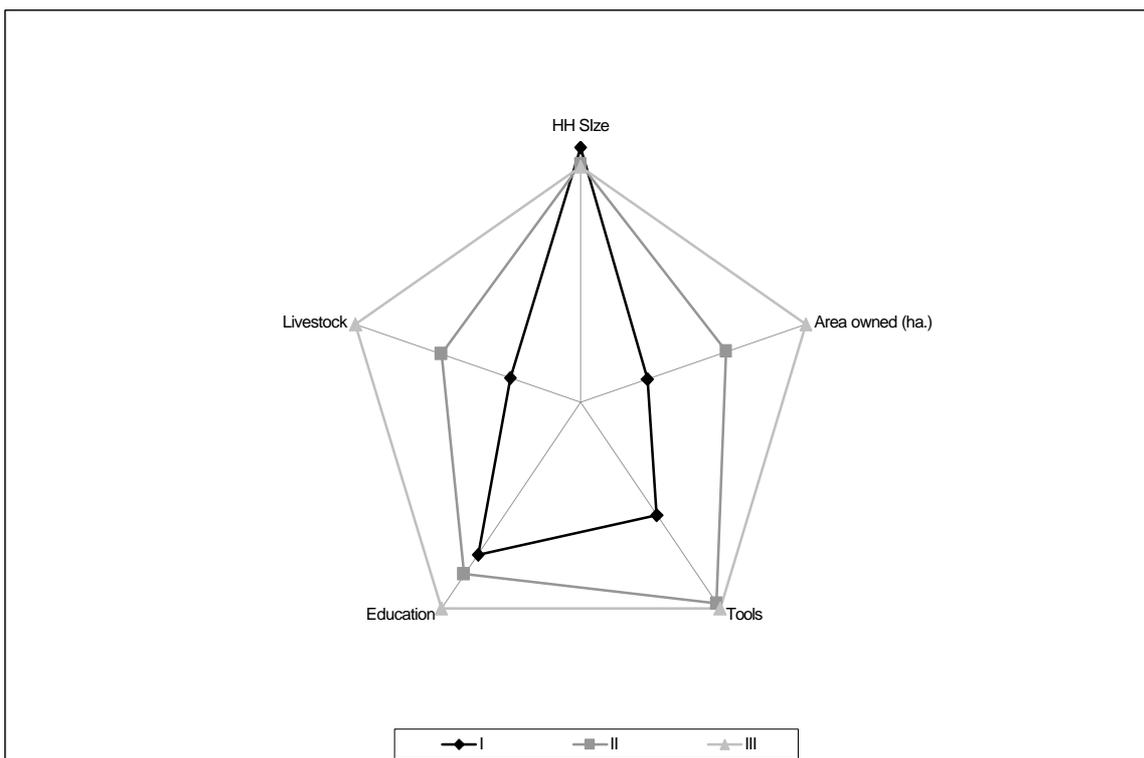|		Per capita income tercile			All
		I	II	III	
	N	105	105	105	315
HH SIze	Mean	5.77	5.39	5.33	5.50
	s.d.	2.72	2.80	2.80	2.77
	Median	6.0	5.0	5.0	5.0
Area owned (ha.)	Mean	.66	1.43	2.21	1.43
	s.d.	.83	1.66	2.93	2.09
	Median	.4	.8	1.0	.8
Tools	Mean	6.72	11.97	12.25	10.31
	s.d.	9.35	16.10	17.91	15.08
	Median	4.0	8.9	8.9	8.1
Education	Mean	8.29	9.35	11.22	9.62
	s.d.	7.31	8.18	8.05	7.93
	Median	7.0	8.0	11.0	8.0
Livestock	Mean	.95	1.88	3.04	1.96
	s.d.	3.26	6.19	6.73	5.65
	Median	.2	.5	.8	.4
Boats and gear	N	5	7	20	32
	Mean	8.45	17.06	25.72	21.13
	s.d.	6.12	15.45	24.31	21.37
	Median	10.2	16.1	18.3	16.1

HH Size: No. of residents (all ages)
Tools: Value based index of tools owned
Education: Total no. of years in education (resident EAAs)
Livestock: Livestock holding in CEUs
Boats and gear: Value based index of boats & gear owned

Figure 1. Selected Asset Levels by Income Tercile, Whole Sample

Land

Table 3. Land Owned and Farmed by Sample Households, by Village & District

District	Village	N	Area owned (ha.)			Area farmed (ha.)		
			Mean	s.d.	Median	Mean	s.d.	Median
Mbale	Bukhasusa	35	.54	.43	.4	.61	.40	.5
	Buwopuwa	35	2.17	3.28	.8	1.98	1.84	1.3
	Bunabuso	35	1.92	2.06	1.0	1.98	1.93	1.2
	All	105	1.55	2.34	.8	1.52	1.67	.9
Kamuli	Iyingo	35	.71	1.49	.0	.74	1.30	.3
	Kinamwanga	35	1.12	1.43	.5	1.08	1.18	.6
	Kiribairya	35	.18	.45	.0	.44	.43	.4
	All	105	.67	1.27	.0	.75	1.06	.4
Mubende	Kabbo	35	1.54	2.18	.8	1.34	1.73	.8
	Kansambya	35	2.47	2.05	1.8	1.66	1.47	1.2
	Kalangaalo	35	2.26	2.48	1.8	1.63	1.35	1.4
	All	105	2.09	2.26	1.4	1.54	1.52	1.0
All		315	1.43	2.09	.8	1.27	1.48	.8

Table 4. Total Land Owned and Farmed*, by Village and District

District	Village	Area owned (ha.)	Area farmed (ha.)	Farmed %
Mbale	Bukhasusa	18.9	21.5	113.4
	Buwopuwa	76.1	69.1	90.8
	Bunabuso	67.2	69.3	103.1
	All	162.3	159.9	98.6
Kamuli	Bukhasusa	24.7	25.7	104.2
	Buwopuwa	39.3	37.7	95.8
	Bunabuso	6.3	15.4	246.1
	All	70.3	78.8	112.2
Mubende	Bukhasusa	53.8	46.8	87.1
	Buwopuwa	86.4	58.1	67.3
	Bunabuso	79.1	57.0	72.1
	All	219.3	162.0	73.9
All		451.9	400.8	88.7

*Total areas summed across all sample households.

Table 5. Size Distribution of Land Owned by Households, by District

	District			All
Area Range	Mbale	Kamuli	Mubende	
	%	%	%	%
None	7.6	53.3	8.6	23.2
Less than 0.5 ha.	26.7	14.3	13.3	18.1
0.5 - 1 ha.	26.7	11.4	14.3	17.5
1-2 ha.	16.2	11.4	26.7	18.1
2-3 ha.	6.7	2.9	14.3	7.9
3-4 ha.	4.8	1.0	9.5	5.1
More than 4 ha.	11.4	5.7	13.3	10.2
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households

Table 6. Size Distribution of Area Farmed by Households, by District

	District			All
Area Range	Mbale	Kamuli	Mubende	
	%	%	%	%
None	2.9	15.5	4.8	7.7
Less than 0.5 ha.	19.0	40.8	18.1	25.9
0.5 - 1 ha.	28.6	21.4	20.0	23.3
1-2 ha.	25.7	11.7	30.5	22.7
2-3 ha.	9.5	6.8	15.2	10.5
3-4 ha.	4.8	1.0	4.8	3.5
More than 4 ha.	9.5	2.9	6.7	6.4
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households

Table 7. Size Distribution of Land Owned, by Village

Mbale District Sample

Area Range	Village			All
	Bukhasusa	**Buwopuwa**	**Bunabuso**	
	%	%	%	%
None	2.9	11.4	8.6	7.6
Less than 0.5 ha.	51.4	20.0	8.6	26.7
0.5 - 1 ha.	25.7	22.9	31.4	26.7
1-2 ha.	20.0	11.4	17.1	16.2
2-3 ha.	.	8.6	11.4	6.7
3-4 ha.	.	8.6	5.7	4.8
More than 4 ha.	.	17.1	17.1	11.4
Total	100.0	100.0	100.0	100.0

Kamuli District Sample

Area Range	Village			All
	Iyingo	**Kinamwanga**	**Kiribairya**	
	%	%	%	%
None	57.1	20.0	82.9	53.3
Less than 0.5 ha.	11.4	28.6	2.9	14.3
0.5 - 1 ha.	14.3	14.3	5.7	11.4
1-2 ha.	5.7	20.0	8.6	11.4
2-3 ha.	2.9	5.7	.	2.9
3-4 ha.	2.9	.	.	1.0
More than 4 ha.	5.7	11.4	.	5.7
Total	100.0	100.0	100.0	100.0

Mubende District Sample

Area Range	Village			All
	Kabbo	**Kansambya**	**Kalangaalo**	
	%	%	%	%
None	8.6	5.7	11.4	8.6
Less than 0.5 ha.	25.7	2.9	11.4	13.3
0.5 - 1 ha.	22.9	11.4	8.6	14.3
1-2 ha.	22.9	34.3	22.9	26.7
2-3 ha.	5.7	14.3	22.9	14.3
3-4 ha.	8.6	8.6	11.4	9.5
More than 4 ha.	5.7	22.9	11.4	13.3
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households

Table 8. Size Distribution of Area Farmed, by Village

Mbale District Sample

| Area Range | Village | | | All |
	Bukhasusa	**Buwopuwa**	**Bunabuso**	
	%	%	%	%
None	.	2.9	5.7	2.9
Less than 0.5 ha.	42.9	11.4	2.9	19.0
0.5 - 1 ha.	34.3	20.0	31.4	28.6
1-2 ha.	22.9	28.6	25.7	25.7
2-3 ha.	.	14.3	14.3	9.5
3-4 ha.	.	8.6	5.7	4.8
More than 4 ha.	.	14.3	14.3	9.5
Total	100.0	100.0	100.0	100.0

Kamuli District Sample

| Area Range | Village | | | All |
	Iyingo	**Kinamwanga**	**Kiribairya**	
	%	%	%	%
None	32.4	5.7	8.8	15.5
Less than 0.5 ha.	29.4	40.0	52.9	40.8
0.5 - 1 ha.	14.7	14.3	35.3	21.4
1-2 ha.	14.7	20.0	.	11.7
2-3 ha.	2.9	14.3	2.9	6.8
3-4 ha.	2.9	.	.	1.0
More than 4 ha.	2.9	5.7	.	2.9
Total	100.0	100.0	100.0	100.0

Mubende District Sample

| Area Range | Village | | | All |
	Kabbo	**Kansambya**	**Kalangaalo**	
	%	%	%	%
None	2.9	.	11.4	4.8
Less than 0.5 ha.	34.3	8.6	11.4	18.1
0.5 - 1 ha.	25.7	20.0	14.3	20.0
1-2 ha.	20.0	48.6	22.9	30.5
2-3 ha.	8.6	11.4	25.7	15.2
3-4 ha.	.	8.6	5.7	4.8
More than 4 ha.	8.6	2.9	8.6	6.7
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households

Table 9. Mean Land Owned by Income Quartile, by District

District		Area (ha.)				All
		Per capita income quartile				
		I	II	III	IV	
Mbale	N	26	27	26	26	105
	Mean	.44	1.05	1.53	3.18	1.55
	s.d.	.56	1.31	1.63	3.70	2.34
	Median	.2	.6	.9	1.3	.8
Kamuli	N	26	27	26	26	105
	Mean	.33	.64	.98	.73	.67
	s.d.	.55	1.24	1.79	1.18	1.27
	Median	.0	.0	.3	.0	.0
Mubende	N	26	27	26	26	105
	Mean	1.19	1.35	2.67	3.17	2.09
	s.d.	.93	1.30	2.55	3.01	2.26
	Median	1.1	1.0	2.0	2.4	1.4
All	N	79	79	79	78	315
	Mean	.59	1.05	1.96	2.15	1.43
	s.d.	.78	1.28	2.36	2.87	2.09
	Median	.2	.6	1.0	1.1	.8

Table 10. Land Use by Sample Households, by District and Total

	Area (ha.)							
	District						All	
	Mbale		Kamuli		Mubende			
	Sum	%	Sum	%	Sum	%	Sum	%
Bananas	30.3	16.2	.	.	23.2	10.3	53.5	10.5
Banana/coffee	22.1	11.8	.	.	14.3	6.3	36.4	7.2
Banana/other	14.9	8.0	.	.	11.8	5.2	26.6	5.2
Maize/maize mixtures	38.4	20.6	34.3	35.9	50.0	22.1	122.7	24.2
Millet	11.0	5.9	5.2	5.4	.5	.2	16.7	3.3
Food crop mixtures	10.1	5.4	3.1	3.3	4.7	2.1	18.0	3.5
Roots (monocrop)	14.8	7.9	31.5	33.1	31.7	14.0	78.0	15.4
Pulses	4.7	2.5	2.4	2.5	10.3	4.6	17.4	3.4
Livestock uses	15.6	8.3	2.1	2.2	11.9	5.3	29.6	5.8
Other	24.8	13.3	16.7	17.5	67.5	29.9	109.0	21.5
Total	186.7	100.0	95.3	100.0	226.0	100.0	508.0	100.0

Sum: total area summed across all sample households
%: percentage of total area

<u>Table 11. Land Use by Sample Households, by Village and District</u>

Mbale District Sample

	Area (ha.)*							
	Village						All	
	Bukhasusa		Buwopuwa		Bunabuso			
	Sum	%	Sum	%	Sum	%	Sum	%
Bananas	6.7	29.1	14.5	16.4	9.1	12.1	30.3	16.2
Banana/coffee	.1	.4	.	.	22.0	29.2	22.1	11.8
Banana/other	2.7	11.5	3.1	3.5	9.1	12.0	14.9	8.0
Maize/maize mixtures	5.3	23.1	19.6	22.2	13.5	17.9	38.4	20.6
Millet	1.5	6.4	9.0	10.1	.6	.8	11.0	5.9
Food crop mixtures	2.4	10.5	7.7	8.7	.	.	10.1	5.4
Roots (monocrop)	1.0	4.3	7.8	8.8	6.0	8.0	14.8	7.9
Pulses	1.0	4.2	1.1	1.3	2.7	3.5	4.7	2.5
Livestock uses	.	.	13.8	15.6	1.8	2.4	15.6	8.3
Other	2.4	10.4	11.8	13.3	10.6	14.1	24.8	13.3
Total	23.0	100.0	88.4	100.0	75.3	100.0	186.7	100.0

Kamuli District Sample

	Area (ha.)							
	Village						All	
	Iyingo		Kinamwanga		Kiribairya			
	Sum	%	Sum	%	Sum	%	Sum	%
Maize/maize mixtures	12.5	39.7	17.7	38.0	4.0	23.4	34.3	35.9
Millet	1.6	4.9	.4	.9	3.2	18.8	5.2	5.4
Food crop mixtures	2.5	8.1	.	.	.6	3.5	3.1	3.3
Roots (monocrop)	7.6	24.1	16.6	35.6	7.4	42.7	31.5	33.1
Pulses	1.4	4.5	.9	1.9	.1	.5	2.4	2.5
Livestock uses	.	.	2.0	4.3	.1	.6	2.1	2.2
Other	5.9	18.7	9.0	19.3	1.8	10.6	16.7	17.5
Total	31.4	100.0	46.7	100.0	17.3	100.0	95.3	100.0

Mubende District Sample

	Area (ha.)							
	Village						All	
	Kabbo		Kansambya		Kalangaalo			
	Sum	%	Sum	%	Sum	%	Sum	%
Bananas	5.8	10.4	9.3	10.5	8.1	9.9	23.2	10.3
Banana/coffee	2.2	4.0	5.9	6.6	6.2	7.5	14.3	6.3
Banana/other	9.4	17.0	.	.	2.4	2.9	11.8	5.2
Maize/maize mixtures	8.5	15.4	26.8	30.4	14.7	17.8	50.0	22.1
Millet	.5	1.0	.	.	.	.	.5	.2
Food crop mixtures	.9	1.6	.4	.5	3.4	4.2	4.7	2.1
Roots (monocrop)	7.8	14.0	10.3	11.6	13.7	16.6	31.7	14.0
Pulses	3.8	6.9	3.0	3.4	3.5	4.2	10.3	4.6
Livestock uses	7.7	13.9	2.4	2.8	1.8	2.2	11.9	5.3
Other	8.8	15.9	30.2	34.2	28.5	34.7	67.5	29.9
Total	55.4	100.0	88.3	100.0	82.3	100.0	226.0	100.0

Sum: total area summed across all sample households
%: percentage of total area

Livestock

Table 12. Livestock Ownership by Sample Households, by District

	District			All
	Mbale	**Kamuli**	**Mubende**	%
	%	%	%	
Cattle	37.1	23.8	25.7	28.9
Goats	43.8	47.6	41.9	44.4
Sheep	1.9	1.0	9.5	4.1
Pigs	28.6	11.4	29.5	23.2
Chickens	83.8	51.4	59.0	64.8
Turkeys	7.6	.	3.8	3.8
Other	1.9	25.7	1.0	9.5
None	10.5	29.5	25.7	21.9

Data are district-level percentages of sample households owning each type of livestock
'Other' includes ducks & rabbits kept by a few HHs

Table 13. Livestock Ownership by Sample Households, by Village

District: Mbale

	Village			All
	Bukhasusa	**Buwopuwa**	**Bunabuso**	**%**
	%	%	%	
Cattle	14.3	40.0	57.1	37.1
Goats	31.4	62.9	37.1	43.8
Sheep	2.9	.	2.9	1.9
Pigs	22.9	34.3	28.6	28.6
Chickens	71.4	94.3	85.7	83.8
Turkeys	2.9	2.9	17.1	7.6
Other	.	2.9	2.9	1.9
None	17.1	5.7	8.6	10.5

District: Kamuli

	Village			All
	Iyingo	**Kinamwanga**	**Kiribairya**	**%**
	%	%	%	
Cattle	17.1	45.7	8.6	23.8
Goats	37.1	74.3	31.4	47.6
Sheep	2.9	.	.	1.0
Pigs	2.9	31.4		11.4
Chickens	45.7	77.1	31.4	51.4
Other	22.9	11.4	42.9	25.7
None	37.1	14.3	37.1	29.5

District: Mubende

	Village			All
	Kabbo	**Kansambya**	**Kalangaalo**	**%**
	%	%	%	
Cattle	25.7	20.0	31.4	25.7
Goats	40.0	48.6	37.1	41.9
Sheep	11.4	8.6	8.6	9.5
Pigs	8.6	31.4	48.6	29.5
Chickens	48.6	71.4	57.1	59.0
Turkeys	5.7	2.9	2.9	3.8
Other	.	.	2.9	1.0
None	37.1	20.0	20.0	25.7

Data are district-level percentages of sample households owning each type of livestock
'Other' includes ducks & rabbits kept by a few HHs

Table 14. Count Distribution of Cattle, Goats and Chickens Owned by Households, by District

		District			All
		Mbale	**Kamuli**	**Mubende**	
		%	%	%	%
Cattle	None	62.9	76.2	74.3	71.1
	1-5	35.2	15.2	18.1	22.9
	6-10	1.9	2.9	4.8	3.2
	More than 10	.	5.7	2.9	2.9
	Total	100.0	100.0	100.0	100.0
Goats	None	56.2	52.4	58.1	55.6
	1-5	41.0	36.2	34.3	37.1
	6-10	1.9	7.6	5.7	5.1
	More than 10	1.0	3.8	1.9	2.2
	Total	100.0	100.0	100.0	100.0
Chickens	None	16.2	48.6	41.0	35.2
	1-5	41.0	28.6	33.3	34.3
	6-10	17.1	12.4	14.3	14.6
	More than 10	25.7	10.5	11.4	15.9
	Total	100.0	100.0	100.0	100.0

Data are percentages of sample households

Table 15. Mean Livestock Owned by Households, by District

		District			All
		Mbale	**Kamuli**	**Mubende**	
	N	105	105	105	315
Cattle	Mean	.90	2.00	1.74	1.55
	s.d.	1.61	6.95	5.88	5.34
	Median	.0	.0	.0	.0
Goat	Mean	1.12	2.16	1.78	1.69
	s.d.	1.89	3.20	3.79	3.08
	Median	.0	.0	.0	.0
Sheep	Mean	.06	.01	.31	.13
	s.d.	.41	.10	1.37	.83
	Median	.0	.0	.0	.0
Pig	Mean	.78	.23	.54	.52
	s.d.	1.87	.91	1.07	1.36
	Median	.0	.0	.0	.0
Chicken	Mean	7.41	4.11	4.59	5.37
	s.d.	9.10	7.00	8.74	8.43
	Median	5.0	1.0	2.0	2.0
Turleys	Mean	.28	.00	.26	.18
	s.d.	1.48	.00	1.46	1.20
	Median	.0	.0	.0	.0
Other livestock	Mean	.06	2.17	.08	.77
	s.d.	.43	6.35	.78	3.82
	Median	.0	.0	.0	.0

'Other' includes ducks & rabbits kept by a few HHs

Table 16. Mean Livestock Assets in Cattle Equivalent Units*, by Village and District

District	Village	Mean	s.d.	Median
Mbale	Bukhasusa	.54	.90	.2
	Buwopuwa	1.72	2.24	.8
	Bunabuso	1.66	1.68	1.3
	All	1.30	1.77	.5
Kamuli	Iyingo	1.56	4.76	.1
	Kinamwanga	5.37	11.19	1.2
	Kiribairya	.30	.45	.1
	All	2.41	7.29	.3
Mubende	Kabbo	3.77	10.37	.3
	Kansambya	1.09	1.99	.4
	Kalangaalo	1.64	2.32	.6
	All	2.17	6.29	.4
All		1.96	5.65	.4

*Cattle Equivalent Units:Pigs=0.14; Goats=0.12; Sheep=0.10; Turkeys=0.04; Chickens=0.02;
Other=(given price/5% trimmed mean price for cattle)
Means for all HHs

Table 17. Count Distribution of Livestock Assets in Cattle Equivalent Units*, by District

	District			All
	Mbale	**Kamuli**	**Mubende**	
CEU* Range	%	%	%	%
None	10.5	29.5	25.7	21.9
Less than 1	48.6	44.8	45.7	46.3
1-2	13.3	7.6	7.6	9.5
2-3	15.2	1.9	2.9	6.7
3-4	5.7	5.7	5.7	5.7
4-5	1.9	.	1.0	1.0
More than 5	4.8	10.5	11.4	8.9
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households
*CEUs (cattle equivalent units):Pigs=0.14; Goats=0.12; Sheep=0.10; Turkeys=0.04;
Chickens=0.02; Other=(given price/5% trimmed mean price for cattle)

Table 18. Mean Livestock Assets in Cattle Equivalent Units*, by Income Quartile by District

District		Per capita income quartile				All
		I	**II**	**III**	**IV**	
Mbale	*N*	*26*	*27*	*26*	*26*	*105*
	Mean	.53	1.29	.89	2.50	1.30
	s.d.	*.96*	*1.62*	*1.14*	*2.40*	*1.77*
	Median	.2	.6	.4	2.2	.5
Kamuli	*N*	*26*	*27*	*26*	*26*	*105*
	Mean	1.14	1.61	3.82	3.10	2.41
	s.d.	*4.02*	*5.00*	*11.98*	*5.53*	*7.29*
	Median	.1	.2	.4	.4	.3
Kamuli fishing	*N*	*9*	*9*	*15*	*20*	*53*
	Mean	.30	.30	1.98	3.98	2.16
	s.d.	*.38*	*.51*	*5.24*	*6.05*	*4.83*
	Median	.2	.2	.1	1.8	.3
Kamuli non-fishing	*N*	*17*	*18*	*11*	*6*	*52*
	Mean	1.58	2.27	6.32	.17	2.66
	s.d.	*4.95*	*6.06*	*17.55*	*.26*	*9.19*
	Median	.1	.3	.5	.0	.1
Mubende	*N*	*26*	*27*	*26*	*26*	*105*
	Mean	.52	.78	3.48	3.94	2.17
	s.d.	*.94*	*1.65*	*10.54*	*6.31*	*6.29*
	Median	.1	.2	.6	.7	.4
All	*N*	*79*	*79*	*79*	*78*	*315*
	Mean	.77	1.92	2.01	3.15	1.96
	s.d.	*2.41*	*7.25*	*6.52*	*5.01*	*5.65*
	Median	.2	.2	.5	1.1	.4

*Cattle Equivalent Units: Goats=0.12; Pigs=0.14; Sheep=0.10; Turkeys=0.04; Chickens=0.02; Other=(given price/5% trimmed mean price for cattle)

Labour, Education and Domestic Assets

Table 19. Household Demographic and Education Data, by District

		District			All
		Mbale	Kamuli	Mubende	
	N	*105*	*105*	*105*	*315*
HH Size (Actual - resident)	Mean	5.62	5.53	5.34	5.50
	s.d.	*3.00*	*2.78*	*2.54*	*2.77*
	Median	5.0	5.0	5.0	5.0
HH Size (EAAs -resident)	Mean	1.72	2.03	2.01	1.92
	s.d.	*.96*	*1.03*	*1.13*	*1.05*
	Median	2.0	2.0	2.0	2.0
HH Size (AEUs - resident)	Mean	3.80	3.69	3.69	3.73
	s.d.	*1.91*	*1.76*	*1.66*	*1.77*
	Median	3.5	3.6	3.3	3.4
HH Non-residents	Mean	1.42	.94	.73	1.03
	s.d.	*1.94*	*1.80*	*1.40*	*1.74*
	Median	1.0	.0	.0	.0
Age of HH Head	*(N*	*103*	*103*	*105*	*311*
	Mean	44.6	39.7	42.2	42.2
	s.d.	*18.1*	*11.9*	*15.5*	*15.5*
	Median	40.0	39.0	38.0	39.0
Gender of HHH	% male	81.9	81.9	86.7	83.5
	% female	18.1	18.1	13.3	16.5
Education of HH Head (years)	*(N*	*104*	*101*	*103*	*308*
	Mean	5.8	5.5	4.8	5.4
	s.d.	*4.3*	*4.0*	*3.5*	*4.0*
	Median	7.0	7.0	4.0	7.0
Education of HH - All Resident EAAs (years)	Mean	10.48	9.23	9.15	9.62
	s.d.	*8.60*	*7.41*	*7.73*	*7.93*
	Median	11.0	7.0	8.0	8.0
Education HH per capita resident EAAs (years)	Mean	5.14	4.32	4.14	4.53
	s.d.	*3.95*	*3.13*	*3.25*	*3.48*
	Median	5.5	4.1	4.0	4.4

Notes:
1. HH Size (Actual): Total no. of adults & children in HH
2. EAAs (Economically Active Adults): those aged 15-60 inclusive, except those in education
3. AEUs (Adult Equivalent Units on basis of consumption): male 15 years or older=1; female 15 years or older=0.8; male or female 14 years or under=0.5
4. Years in education: level reached taken as proxy for years on basis of None=0; P4=4; P7=7; S4=11; S6=13; Higher=15
5. Female HH Head: HHs where a) female entered on survey form as HHH (but excluding cases where there is a resident husband listed as well); b) female entered as 'Wife', but no resident husband; c) nobody entered as HHH, no husband listed
6. Age & education of HH head: in de facto female headed households, these data relate to the absent (male) head

Table 20. Household Demographic and Education Data, by Village and District

Mbale District Sample

		Village			All
		Bukhasusa	**Buwopuwa**	**Bunabuso**	
	N	35	35	35	105
HH Size (Actual - resident)	Mean	5.49	5.37	6.00	5.62
	s.d.	2.74	3.00	3.28	3.00
	Median	5.0	5.0	6.0	5.0
HH Size (EAAs -resident)	Mean	1.80	1.86	1.51	1.72
	s.d.	.93	1.14	.74	.96
	Median	2.0	2.0	2.0	2.0
HH Size (AEUs - resident)	Mean	3.91	3.64	3.86	3.80
	s.d.	1.87	1.92	1.97	1.91
	Median	3.3	3.3	3.6	3.5
HH Non-residents	Mean	1.37	1.09	1.80	1.42
	s.d.	1.94	1.38	2.36	1.94
	Median	.0	1.0	1.0	1.0
Age of HH Head	(N	35	34	34	103
	Mean	46.63	44.18	43.03	44.63
	s.d.	18.83	19.39	16.20	18.09
	Median	40.0	38.5	39.0	40.0
Gender of HHH	% male	82.9	77.1	85.7	81.9
	% female	17.1	22.9	14.3	18.1
Education of HH Head (years)	(N	35	35	34	104
	Mean	4.94	5.29	7.32	5.84
	s.d.	3.32	4.03	5.21	4.34
	Median	4.0	7.0	7.0	7.0
Education of HH - All Resident EAAs (years)	Mean	8.97	10.77	11.69	10.48
	s.d.	6.68	8.49	10.27	8.60
	Median	11.0	11.0	11.0	11.0
Education HH per capita resident EAAs (years)	Mean	4.25	5.00	6.16	5.14
	s.d.	3.04	3.51	4.94	3.95
	Median	4.0	5.5	7.0	5.5

Notes:
1. HH Size (Actual): Total no. of adults & children in HH
2. EAAs (Economically Active Adults): those aged 15-60 inclusive, except those in education
3. AEUs (Adult Equivalent Units on basis of consumption): male 15 years or older=1; female 15 years or older=0.8; male or female 14 years or under=0.5
4. Years in education: level reached taken as proxy for years on basis of None=0; P4=4; P7=7; S4=11; S6=13; Higher=15
5. Female HH Head: HHs where a) female entered on survey form as HHH (but excluding cases where there is a resident husband listed as well); b) female entered as 'Wife', but no resident husband; c) nobody entered as HHH, no husband listed
6. Age & education of HH head: in de facto female headed households, these data relate to the absent (male) head

Kamuli District Sample

			Village			All
			Iyingo	Kinamwanga	Kiribairya	
		N	*35*	*35*	*35*	*105*
HH Size (Actual - resident)	Mean		4.91	6.11	5.57	5.53
	s.d.		*2.74*	*2.98*	*2.55*	*2.78*
	Median		5.0	6.0	6.0	5.0
HH Size (EAAs -resident)	Mean		1.77	2.14	2.17	2.03
	s.d.		*.73*	*.94*	*1.32*	*1.03*
	Median		2.0	2.0	2.0	2.0
HH Size (AEUs - resident)	Mean		3.25	3.99	3.83	3.69
	s.d.		*1.63*	*1.86*	*1.75*	*1.76*
	Median		3.3	3.8	4.3	3.6
HH Non-residents	Mean		.97	1.23	.63	.94
	s.d.		*1.52*	*2.46*	*1.14*	*1.80*
	Median		.0	.0	.0	.0
Age of HH Head		*(N*	*34*	*35*	*34*	*103*
	Mean		40.24	39.34	39.68	39.75
	s.d.		*10.81*	*14.81*	*9.88*	*11.94*
	Median		40.0	36.0	39.5	39.0
Gender of HHH	% male		82.9	88.6	74.3	81.9
	% female		17.1	11.4	25.7	18.1
Education of HH Head (years)		*(N*	*34*	*35*	*32*	*101*
	Mean		6.21	5.91	4.44	5.54
	s.d.		*4.52*	*3.35*	*4.06*	*4.03*
	Median		7.0	7.0	4.0	7.0
Education of HH - All Resident EAAs (years)	Mean		9.23	10.77	7.69	9.23
	s.d.		*6.91*	*6.87*	*8.24*	*7.41*
	Median		7.0	11.0	7.0	7.0
Education HH per capita resident EAAs (years)	Mean		4.85	4.91	3.19	4.32
	s.d.		*3.46*	*2.65*	*3.00*	*3.13*
	Median		4.7	5.5	3.5	4.1

Notes:
1. HH Size (Actual): Total no. of adults & children in HH
2. EAAs (Economically Active Adults): those aged 15-60 inclusive, except those in education
3. AEUs (Adult Equivalent Units on basis of consumption): male 15 years or older=1; female 15 years or older=0.8; male or female 14 years or under=0.5
4. Years in education: level reached taken as proxy for years on basis of None=0; P4=4; P7=7; S4=11; S6=13; Higher=15
5. Female HH Head: HHs where a) female entered on survey form as HHH (but excluding cases where there is a resident husband listed as well); b) female entered as 'Wife', but no resident husband; c) nobody entered as HHH, no husband listed
6. Age & education of HH head: in de facto female headed households, these data relate to the absent (male) head

Mubende District Sample

			Village		All
		Kabbo	**Kansambya**	**Kalangaalo**	
	N	35	35	35	105
HH Size (Actual - resident)	Mean	5.37	5.20	5.46	5.34
	s.d.	2.35	3.05	2.20	2.54
	Median	5.0	4.0	5.0	5.0
HH Size (EAAs -resident)	Mean	2.14	2.17	1.71	2.01
	s.d.	1.42	.89	.99	1.13
	Median	2.0	2.0	2.0	2.0
HH Size (AEUs - resident)	Mean	3.67	3.73	3.66	3.69
	s.d.	1.66	1.96	1.37	1.66
	Median	3.3	3.3	3.8	3.3
HH Non-residents	Mean	.66	.63	.91	.73
	s.d.	1.21	1.42	1.56	1.40
	Median	.0	.0	.0	.0
Age of HH Head	Mean	40.51	41.63	44.37	42.17
	s.d.	14.98	16.68	15.02	15.52
	Median	38.0	41.0	38.0	38.0
Gender of HHH	% male	82.9	97.1	80.0	86.7
	% female	17.1	2.9	20.0	13.3
Education of HH Head (years)	(N	34	35	34	103)
	Mean	4.26	3.23	6.94	4.80
	s.d.	3.04	2.62	3.63	3.47
	Median	4.0	4.0	7.0	4.0
Education of HH - All Resident EAAs (years)	Mean	8.77	6.49	12.20	9.15
	s.d.	7.67	6.91	7.69	7.73
	Median	8.0	4.0	14.0	8.0
Education HH per capita resident EAAs (years)	Mean	3.67	2.51	6.25	4.14
	s.d.	2.52	2.35	3.59	3.25
	Median	4.0	2.0	7.0	4.0

Notes:
1. HH Size (Actual): Total no. of adults & children in HH
2. EAAs (Economically Active Adults): those aged 15-60 inclusive, except those in education
3. AEUs (Adult Equivalent Units on basis of consumption): male 15 years or older=1; female 15 years or older=0.8; male or female 14 years or under=0.5
4. Years in education: level reached taken as proxy for years on basis of None=0; P4=4; P7=7; S4=11; S6=13; Higher=15
5. Female HH Head: HHs where a) female entered on survey form as HHH (but excluding cases where there is a resident husband listed as well); b) female entered as 'Wife', but no resident husband; c) nobody entered as HHH, no husband listed
6. Age & education of HH head: in de facto female headed households, these data relate to the absent (male) head

Table 21. Household Education Level*, by Income Quartile, by District

District		Per capita income quartile				All
		I	**II**	**III**	**IV**	
Mbale	N	26	27	26	26	105
	Mean	8.08	9.22	14.00	10.65	10.48
	s.d.	6.95	8.20	8.57	9.77	8.60
	Median	7.0	11.0	14.0	7.5	11.0
Kamuli	N	26	27	26	26	105
	Mean	8.46	8.74	8.69	11.04	9.23
	s.d.	6.85	7.02	8.78	6.95	7.41
	Median	7.0	11.0	7.0	11.0	7.0
Mubende	N	26	27	26	26	105
	Mean	7.04	7.15	11.58	10.92	9.15
	s.d.	7.56	6.32	8.71	7.47	7.73
	Median	7.0	4.0	11.0	11.0	8.0
All	N	79	79	79	78	315
	Mean	8.27	7.94	11.65	10.64	9.62
	s.d.	7.19	7.13	8.75	8.05	7.93
	Median	7.0	7.0	11.0	11.0	8.0

*Household education: Total years in education for all resident EAAs. Level reached taken as proxy as in above tables

Table 22. Education Level Reached, by Gender and District

District	Education level reached	Gender of resident HH member				All	
		Male		Female			
		Count	%	Count	%	Count	%
Mbale	None	13	17.1	24	23.1	37	20.6
	P4	14	18.4	15	14.4	29	16.1
	P7	26	34.2	46	44.2	72	40.0
	S4	19	25.0	17	16.3	36	20.0
	S6	2	2.6	1	1.0	3	1.7
	Higher	2	2.6	1	1.0	3	1.7
	Total	76	100.0	104	100.0	180	100.0
Kamuli	None	21	22.1	40	37.4	61	30.2
	P4	17	17.9	24	22.4	41	20.3
	P7	38	40.0	39	36.4	77	38.1
	S4	18	18.9	4	3.7	22	10.9
	S6	1	1.1			1	.5
	Total	95	100.0	107	100.0	202	100.0
Mubende	None	21	20.2	37	35.2	58	27.8
	P4	37	35.6	27	25.7	64	30.6
	P7	33	31.7	32	30.5	65	31.1
	S4	11	10.6	9	8.6	20	9.6
	Higher	2	1.9			2	1.0
	Total	104	100.0	105	100.0	209	100.0
All	None	55	20.0	101	32.0	156	26.4
	P4	68	24.7	66	20.9	134	22.7
	P7	97	35.3	117	37.0	214	36.2
	S4	48	17.5	30	9.5	78	13.2
	S6	3	1.1	1	.3	4	.7
	Higher	4	1.5	1	.3	5	.8
	Total	275	100.0	316	100.0	591	100.0

Data are counts and percentages of resident EAAs

Table 23. Selected Domestic Assets, by Village, District and Total

District	Village	Brick/concrete walls %	Iron roof %	Bicycles %
Mbale	Bukhasusa	.	60.0	25.7
	Buwopuwa	5.7	45.7	45.7
	Bunabuso	8.6	88.6	20.0
	All	4.8	64.8	30.5
Kamuli	Iyingo	22.9	42.9	45.7
	Kinamwanga	48.6	62.9	74.3
	Kiribairya	.	.	37.1
	All	23.8	35.2	52.4
Mubende	Kabbo	8.6	57.1	22.9
	Kansambya	8.6	74.3	17.1
	Kalangaalo	40.0	94.3	57.1
	All	19.0	75.2	32.4
All		16.1	58.5	38.3

Data are village- and district-level percentages of sample households with each asset

Constructing Livelihoods in Rural Uganda

Subsistence

Table 24. Output Share Selected Crops and Livestock Products, Consumed by Households, by District

		District			
		Mbale	Kamuli	Mubende	All
Bananas	N	89	0	69	158
	Mean	74.4	.	69.4	72.2
	s.d.	24.4	.	31.2	27.6
	Median	80.0	.	77.0	80.0
Maize	N	89	56	92	237
	Mean	63.9	66.2	49.5	58.9
	s.d.	29.5	37.7	33.2	33.7
	Median	60.0	81.5	43.0	55.0
Millet	N	42	34	5	81
	Mean	87.0	42.6	75.2	67.6
	s.d.	27.8	49.4	34.1	43.9
	Median	100.0	.0	100.0	100.0
Beans	N	93	6	92	191
	Mean	66.5	83.3	63.8	65.7
	s.d.	29.6	40.8	30.2	30.2
	Median	60.0	100.0	63.5	63.0
Groundnuts	N	19	14	9	42
	Mean	83.6	47.0	51.9	64.6
	s.d.	31.5	49.3	40.1	42.8
	Median	100.0	37.5	43.0	100.0
Cassava	N	7	38	65	110
	Mean	88.1	69.9	92.6	84.5
	s.d.	31.4	41.7	16.4	30.3
	Median	100.0	100.0	100.0	100.0
Sweet potatoes	N	40	58	74	172
	Mean	94.3	93.7	96.5	95.0
	s.d.	15.8	21.9	15.6	18.0
	Median	100.0	100.0	100.0	100.0
Irish potatoes	N	2	0	64	66
	Mean	66.5	.	58.8	59.1
	s.d.	47.4	.	36.5	36.5
	Median	66.5	.	50.0	50.0
Milk	N	13	12	15	40
	Mean	79.7	36.4	36.6	50.6
	s.d.	33.7	34.3	33.1	38.7
	Median	100.0	29.0	20.0	43.0
Chickens	N	63	38	45	146
	Mean	72.5	56.1	55.3	62.9
	s.d.	35.6	33.7	30.4	34.4
	Median	100.0	60.0	50.0	64.0
Goats	N	26	18	22	66
	Mean	29.8	22.2	28.1	27.2
	s.d.	44.7	39.2	35.1	39.7
	Median	.0	.0	14.5	.0

Based on 'Proportion consumed' data. Mean and median proportions apply only to households producing each output listed.

Table 25. Bananas: Output Share Consumed by Households, by Income Quartile, by District

District		Per capita income quartile				All
		I	II	III	IV	
Mbale	N	18	21	24	26	89
	Mean	76.1	79.6	73.0	70.2	74.4
	s.d.	20.6	25.6	25.9	24.9	24.4
	Median	80.0	92.0	75.0	72.0	80.0
Mubende	N	10	18	20	21	69
	Mean	71.2	71.5	67.5	68.6	69.4
	s.d.	44.1	29.8	27.9	30.4	31.2
	Median	100.0	78.0	63.5	77.0	77.0
All	N	28	34	47	49	158
	Mean	74.8	75.9	70.2	70.0	72.2
	s.d.	30.7	28.1	26.2	27.1	27.6
	Median	82.0	87.0	71.0	72.0	80.0

Based on 'Proportion consumed' data. Mean & median percentages apply only to households producing bananas

Table 26. Maize: Output Share Consumed by Households, by Income Quartile, by District

District		Per capita income quartiles				All
		I	II	III	IV	
Mbale	N	21	20	24	24	89
	Mean	69.1	61.6	65.3	60.0	63.9
	s.d.	31.1	29.2	30.7	28.1	29.5
	Median	70.0	52.5	67.5	56.0	60.0
Kamuli	N	13	14	13	16	56
	Mean	84.2	57.4	65.4	59.9	66.2
	s.d.	29.7	39.8	37.0	40.6	37.7
	Median	100.0	58.5	83.0	60.5	81.5
Mubende	N	22	24	24	22	92
	Mean	60.1	47.5	42.7	48.5	49.5
	s.d.	31.4	37.1	27.3	35.8	33.2
	Median	50.0	33.0	43.0	48.5	43.0
All	N	55	57	62	63	237
	Mean	68.2	56.4	56.2	55.5	58.9
	s.d.	33.0	34.5	32.7	33.9	33.7
	Median	70.0	50.0	53.5	50.0	55.0

Based on Proportion consumed data. Mean & median percentages apply only to households producing maize

Table 27. Share of Own Consumption in Total Income*, by
Village and District

District	Village	N	Share (%)
Mbale	Bukhasusa	*35*	39.6
	Buwopuwa	*35*	31.5
	Bunabuso	*35*	23.7
	All	*105*	28.0
Kamuli (all HHs)	Iyingo	*35*	12.8
	Kinamwanga	*35*	28.7
	Kiribairya	*35*	16.2
	All	*105*	20.1
Kamuli (fishing HHs)	Iyingo	*19*	16.9
	Kinamwanga	*17*	29.3
	Kiribairya	*17*	20.9
	All	*53*	23.3
Kamuli (non-fishing HHs)	Iyingo	*16*	1.6
	Kinamwanga	*18*	24.5
	Kiribairya	*18*	3.5
	All	*52*	7.7
Mubende	Kabbo	*35*	36.4
	Kansambya	*35*	36.1
	Kalangaalo	*35*	24.2
	All	*105*	31.2
All		*315*	25.9

*Total net value of household subsistence as proportion of total net household income. Data summed across all sample households.

Table 28. Share of Own Consumption in Total Income*, by Income Quartile, by District

		Share (%)				
		Per capita income quartile				
						All
District		I	II	III	IV	
Mbale	*N*	*26*	*27*	*26*	*26*	*105*
		47.8	40.8	32.9	24.0	28.1
Kamuli (all HHs)	*N*	*26*	*27*	*26*	*26*	*105*
		20.5	16.5	16.6	21.2	20.1
Kamuli fishing	*N*	*9*	*9*	*15*	*20*	*53*
		28.5	20.3	18.2	24.3	23.3
Kamuli non-fishing	*N*	*17*	*18*	*11*	*6*	*52*
		13.7	14.5	12.6	.5	7.7
Mubende	*N*	*26*	*27*	*26*	*26*	*105*
		42.5	37.7	33.8	25.8	31.2
All	*N*	*79*	*79*	*79*	*78*	*315*
		33.4	32.6	29.4	23.2	25.9

*Total net value of household subsistence as proportion of total net household income. Data summed across all sample households.

Agriculture
(unless otherwise indicated, agriculture = crops and livestock)

Table 29. Share of Agriculture in Total Income, by Village and District

| District | Village | Share (%) | | | Mean total income p.a. (Ushs) |
		Crops	Livestock	Agriculture total	
Mbale	Bukhasusa	63.6	4.1	67.7	1,170,460
	Buwopuwa	41.2	8.1	49.3	1,534,545
	Bunabuso	39.9	.8	40.6	4,358,121
	All	44.1	2.9	47.0	2,354,375
Kamuli (all HHs)	Iyingo	1.7	1.5	3.2	2,867,681
	Kinamwanga	12.4	4.6	16.9	2,782,284
	Kiribairya	2.4	4.4	6.8	770,984
	All	6.4	3.2	9.6	2,140,316
Mubende	Kabbo	52.9	21.1	74.0	1,415,609
	Kansambya	70.1	7.5	77.7	920,634
	Kalangaalo	45.9	6.0	51.9	1,689,765
	All	53.9	11.6	65.5	1,342,003
All		32.5	5.0	37.5	1,945,565

Note: % data refer to total incomes summed across all sample households

Table 30. Share of Agriculture and Fishing in Total Income, Kamuli District

| Kamuli District | Village | N | Share (%) | | | Argiculture & fisheries total | Mean total income p.a. (Ushs) |
			Crops	Livestock	Fishing		
Fishing HHs	Iyingo	19	1.4	.6	62.8	64.9	3,840,775
	Kinamwanga	17	9.6	3.2	83.2	96.1	5,030,524
	Kiribairya	17	2.4	4.9	72.1	79.4	1,160,538
	All	53	5.5	2.4	73.6	81.5	3,362,694
Non-fishing HHs	Iyingo	16	2.4	3.6	.	6.0	1,712,131
	Kinamwanga	18	32.2	14.2	.	46.4	658,946
	Kiribairya	18	2.2	3.1	.	5.4	403,072
	All	52	9.9	6.2	.	16.2	894,431
All HHs	Kabbo	35	1.7	1.5	45.9	49.0	2,867,681
	Kansambya	35	12.4	4.6	73.1	90.0	2,782,284
	Kalangaalo	35	2.4	4.4	52.7	59.5	770,984
	All	105	6.4	3.2	58.5	68.1	2,140,316

Note: % data refer to total incomes summed across all sample households

Table 31. Share of Agriculture* in Total Income, by Income Quartile, by District

| | Share (%) | | | | |
| | Per capita income quartile | | | | |
District	I	II	III	IV	All
Mbale	66.1	68.3	53.2	41.5	47.0
Kamuli (all HHs)	21.6	21.6	16.1	6.2	9.6
Mubende	60.4	67.0	74.2	60.4	65.5
All	45.2	49.7	53.1	30.3	37.6
Mean quartile income, whole sample (Ushs)	*361,386*	*753,591*	*1,585,722*	*5,121,765*	*1,945,565*

Net value of crop + livestock income as proportion of net total household income. Data summed across all sample

Table 32. Net Agricultural Output per Ha., by Income Quartile, by District

| | | Agricultural output (Ushs/ha.) | | | | |
| | | Per capita income quartile | | | | |
District		I	II	III	IV	All
Mbale	N	26	27	26	26	105
		333,128	455,416	662,061	978,016	727,635
Kamuli (all HHs)	N	26	27	26	26	105
		129,430	205,590	238,394	459,886	272,667
Kamuli fishing	N	9	9	15	20	53
		107,026	37,920	233,269	549,750	332,751
Kamuli non-fishing	N	17	18	11	6	52
		136,410	276,309	246,707	87,953	204,270
Mubende	N	26	27	26	26	105
		238,331	499,677	626,753	700,024	570,023
All	N	79	79	79	78	315
		232,604	380,382	523,517	863,282	573,938

* (Total net crop income + total net livestock income)/Total area farmed in ha. Data summed across all sample households.

Table 33. Mean Number of On-Farm Activities, by Income Quartile and District

District		Per capita income quartile				All
		I	II	III	IV	
Mbale	N	26	27	26	26	105
	Mean	4.35	5.07	5.81	6.65	5.47
	s.d.	1.70	2.35	2.23	2.56	2.36
	Median	4.0	5.0	6.0	6.0	6.0
Kamuli	N	26	27	26	26	105
	Mean	3.04	3.19	3.08	3.38	3.17
	s.d.	1.75	1.94	1.70	2.43	1.95
	Median	3.0	3.0	3.0	3.0	3.0
Mubende	N	26	27	26	26	105
	Mean	5.19	5.89	6.77	6.65	6.12
	s.d.	2.08	2.17	2.47	2.56	2.38
	Median	5.0	6.0	7.0	6.5	6.0
All	N	79	79	79	78	315
	Mean	4.20	4.53	5.52	5.44	4.92
	s.d.	2.03	2.47	2.54	2.95	2.57
	Median	4.0	5.0	6.0	6.0	5.0

On-farm activities = (No. of different types of crop grown) + (No. of different types of livestock kept)

Table 34. Count Distribution of Farm Activities, by District

No. of farm activities	District						All	
	Mbale		**Kamuli**		**Mubende**			
	Count	%	Count	%	Count	%	Count	%
0	3	2.9	13	12.4	4	3.8	20	6.3
1-2	9	8.6	24	22.9	1	1.0	34	10.8
3	7	6.7	24	22.9	9	8.6	40	12.7
4	14	13.3	15	14.3	10	9.5	39	12.4
5	19	18.1	17	16.2	15	14.3	51	16.2
6	22	21.0	9	8.6	20	19.0	51	16.2
7	17	16.2	2	1.9	18	17.1	37	11.7
>7	14	13.3	1	1.0	28	26.7	43	13.7
Total	105	100.0	105	100.0	105	100.0	315	100.0

Data are counts and percentages of sample households
No. of farm activities = (No. of different types of crop grown) + (No. of different types of livestock kept)

Non-Farm Activities

Table 35. Stated Main Occupations of Resident Household Members, Counts by District

| | District | | | | | | All | |
| | Mbale | | Kamuli | | Mubende | | | |
	Count	%	Count	%	Count	%	Count	%
House/farm	44	19.9	40	17.9	36	15.3	120	17.6
Farmer	138	62.4	72	32.1	174	74.0	384	56.5
Fisherman	.	.	57	25.4	.	.	57	8.4
Govt./parastatal	12	5.4	1	.4	4	1.7	17	2.5
Private sector	3	1.4	1	.4	1	.4	5	.7
Self-employed	24	10.9	53	23.7	20	8.5	97	14.3
Total	221	100.0	224	100.0	235	100.0	680	100.0

Data are counts and percentages of resident household members, excluding children and schoolchildren

Table 36. Stated Main Occupations of Resident Household Members, Counts by Village

Mbale District

| | Village | | | | | | All | |
| | Bukhasusa | | Buwopuwa | | Bunabuso | | | |
	Count	%	Count	%	Count	%	Count	%
House/farm	15	18.5	18	22.8	11	18.0	44	19.9
Farmer	62	76.5	51	64.6	25	41.0	138	62.4
Govt./parastatal	1	1.2	1	1.3	10	16.4	12	5.4
Private sector	1	1.2	2	2.5	.	.	3	1.4
Self-employed	2	2.5	7	8.9	15	24.6	24	10.9
Total	81	100.0	79	100.0	61	100.0	221	100.0

Kamuli District

| | Village | | | | | | All | |
| | Iyingo | | Kinamwanga | | Kiribairya | | | |
	Count	%	Count	%	Count	%	Count	%
House/farm	10	15.4	15	19.0	15	18.8	40	17.9
Farmer	13	20.0	44	55.7	15	18.8	72	32.1
Fisherman	17	26.2	16	20.3	24	30.0	57	25.4
Govt./parastatal	1	1.5	.	.	.	.	1	.4
Private sector	.	.	1	1.3	.	.	1	.4
Self-employed	24	36.9	3	3.8	26	32.5	53	23.7
Total	65	100.0	79	100.0	80	100.0	224	100.0

Mubende District

		Village						All	
		Kabbo		**Kansambya**		**Kalangaalo**			
		Count	*%*	*Count*	*%*	*Count*	*%*	*Count*	*%*
House/farm		13	16.0	13	15.9	10	13.9	36	15.3
Farmer		63	77.8	68	82.9	43	59.7	174	74.0
Govt./parastatal		1	1.2	.	.	3	4.2	4	1.7
Private sector		.	.	.	.	1	1.4	1	.4
Self-employed		4	4.9	1	1.2	15	20.8	20	8.5
	Total	81	100.0	82	100.0	72	100.0	235	100.0

Data are counts and percentages of resident household members, excluding children and schoolchildren

Table 37. Household Participation in Different Livelihood Activities, by District

| Total no. of activities* | District | | | All |
| | Mbale | Kamuli | Mubende | |
	%	%	%	%
0**	1.9	1.0	.	1.0
1	9.5	3.8	6.7	6.7
2	30.5	26.7	41.0	32.7
3	33.3	37.1	30.5	33.7
4	19.0	26.7	16.2	20.6
5	3.8	2.9	5.7	4.1
6	1.9	1.9	.	1.3
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households
*On basis of: crop growing, livestock keeping, fishing = 1 each; non-farm & other NR activities = 1 for each separate activity
**2 HHs rely entirely on payments-in-kind & remittances

Table 38. Household Participation in Non-Farm Activities, by District

| Total no. of activities* | District | | | All |
| | Mbale | Kamuli | Mubende | |
	%	%	%	%
0	27.6	21.0	23.8	24.1
1	46.7	46.7	45.7	46.3
2	19.0	28.6	21.9	23.2
3	4.8	3.8	6.7	5.1
4	1.9	.	1.9	1.3
Total	100.0	100.0	100.0	100.0

Data are percentages of sample households
*On basis of 1 for each non-farm or other NR activity

Table 39. Proportion of Households Engaging in Non-Farm Activities, by District

	District						All	
	Mbale		Kamuli		Mubende			
	Count	*%*	*Count*	*%*	*Count*	*%*	*Count*	*%*
Seasonal wages	*21*	20.0	*14*	13.3	*29*	27.6	*64*	20.3
Regular wages	*24*	22.9	*11*	10.5	*19*	18.1	*54*	17.1
Private salary	.	.	*1*	1.0	.	.	*1*	.3
Govt salary	*4*	3.8	*1*	1.0	*2*	1.9	*7*	2.2
Business	*24*	22.9	*41*	39.0	*23*	21.9	*88*	27.9
Other non-farm income	*2*	1.9	*3*	2.9	*8*	7.6	*13*	4.1
Brickmaking	*2*	1.9			*1*	1.0	*3*	1.0
Beer making/selling	*18*	17.1	*19*	18.1	*10*	9.5	*47*	14.9
Charcoal	.	.	.	.	*1*	1.0	*1*	.3
Food preparation for sale	.	.	.	.	*6*	5.7	*6*	1.9
Fish processing	.	.	*14*	13.3	.	.	*14*	4.4
Firewood	.	.	*1*	1.0	.	.	*1*	.3
Handicrafts	*1*	1.0	*6*	5.7	*8*	7.6	*15*	4.8
Additional NR activity	*2*	1.9	*3*	2.9	*5*	4.8	*10*	3.2
None	*29*	27.6	*22*	21.0	*25*	23.8	*76*	24.1

Data are district-level counts and percentages of sample households
Totals are >than sample size becuase some HHs have more than one non-farm activity

Table 40. Non-Farm Activities Specified and Total Counts Across Households

Self-employment (Business)	Shop keeping	20
	Trading in other foodstuff	12
	Restaurant	6
	Brickmaking	5
	Butcher	4
	Boda boda	3
	Trading in fish	3
	Baking	2
	Drug shop	2
	Local brewing business	2
	Tailoring	2
	Trading in cattle	2
	Carpentry	1
	Carrying mukene on the	1
	Hire of sugar cane plant	1
	Hiring boats	1
	Nursery teaching	1
	Smearing houses with	1
	Not specified	27
	Total*	96
Handicrafts	Matmaking	3
	Baskets	1
Food processing for sale	Banana juice	2
	Millet porridge	2
	Sweet juice	1
Other	Grass cutting	2
	Hunting	2
	Banana	1
	Distiling	1
	Irish seed	1
	Sticks placed on fishnet	1
	Timber (boards)	1
	Trees	1

*Total is > no.of HHs with businesses (above) because some HHs have more than one (different) business

Income Portfolios and Per Capita Incomes

Table 41. Income Portfolios by Village and District

Mbale District Sample

	Village			All
	Bukhasusa	**Buwopuwa**	**Bunabuso**	
Income source	%	%	%	%
Bananas	54.0	22.9	32.6	34.1
Food crops	9.4	17.6	6.1	9.2
Cash crops	.2	.6	1.2	.9
Wages	16.6	5.3	14.9	13.1
Self	12.5	42.6	42.2	37.3
Transfers	3.2	2.8	2.2	2.5
Livestock	4.1	8.1	.8	2.9
Fish	.	.	.	.
Total	100.0	100.0	100.0	100.0

Kamuli District Sample - All HHs

	Village			All
	Iyingo	**Kinamwanga**	**Kiribairya**	
Income source	%	%	%	%
Bananas	.	.	.	.
Food crops	1.6	12.4	2.4	6.4
Cash crops	.1	.	.	.0
Wages	9.7	3.3	5.2	6.4
Self	40.7	5.4	32.9	24.5
Transfers	.8	1.3	2.5	1.2
Livestock	1.5	4.6	4.4	3.2
Fish	45.7	73.1	52.7	58.4
Total	100.0	100.0	100.0	100.0

Kamuli District Sample - Fishing HHs

		Village		All
	Iyingo	**Kinamwanga**	**Kiribairya**	
Income source	%	%	%	%
Bananas	.	.	.	.
Food crops	1.4	9.6	2.4	5.5
Cash crops	.	.	.	.
Wages	.	.2	.	.1
Self	34.6	3.6	18.8	18.0
Transfers	.4	.2	1.8	.5
Livestock	.6	3.2	4.9	2.4
Fish	62.8	83.2	72.1	73.6
Total	100.0	100.0	100.0	100.0

Data are percentages of total income, based on incomes summed across all sample households
N values. Iyingo: 19; Kinamwanga: 17; Kirbairya: 17: All: 53

Kamuli District Sample - Non-fishing HHs

		Village		All
	Iyingo	**Kinamwanga**	**Kiribairya**	
Income source	%	%	%	%
Bananas	.	.	.	.
Food crops	2.2	32.2	2.2	9.8
Cash crops	.2	.	.	.1
Wages	35.6	25.7	19.2	30.5
Self	56.8	18.8	71.1	49.3
Transfers	1.6	9.2	4.3	4.0
Livestock	3.6	14.2	3.1	6.2
Fish	.	.	.	.
Total	100.0	100.0	100.0	100.0

N values. Iyingo: 16; Kinamwanga: 18; Kiribairya: 18: All: 52

Mubende District Sample

Income source	Village			All
	Kabbo	**Kansambya**	**Kalangaalo**	
	%	%	%	%
Bananas	33.0	29.5	26.7	29.5
Food crops	18.3	40.0	18.7	23.4
Cash crops	1.5	.7	.5	.9
Wages	14.7	14.3	9.8	12.5
Self	8.8	7.2	36.0	19.8
Transfers	2.6	.9	2.4	2.1
Livestock	21.1	7.5	6.0	11.6
Fish	.	.	.	.
Total	100.0	100.0	100.0	100.0

Data are percentages of total income, based on incomes summed across all sample households

Table 42. Income Portfolios by Income Quartile, District and Total

Mbale District Sample

| | Per capita income quartile | | | | All |
| | I | II | III | IV | |
Income source	%	%	%	%	%
Bananas	40.2	37.7	39.7	31.6	34.1
Food crops	19.1	18.9	9.5	7.3	9.2
Cash crops	1.1	.4	.6	1.1	.9
Wages	15.0	8.4	24.3	10.2	13.1
Self	4.7	11.3	20.9	47.3	37.3
Transfers	14.2	12.0	1.6	.9	2.5
Livestock	5.7	11.3	3.4	1.6	2.9
Fish	.	.	.	.	.
Total	100.0	100.0	100.0	100.0	100.0

Kamuli District Sample - All HHs

| | Per capita income quartile | | | | All |
| | I | II | III | IV | |
Income source	%	%	%	%	%
Bananas	.	.	.	.	.
Food crops	10.5	12.3	8.7	5.0	6.4
Cash crops	.	.	.	.0	.0
Wages	15.0	14.6	7.8	4.8	6.4
Self	24.6	33.0	34.0	21.4	24.5
Transfers	4.5	5.9	2.1	.3	1.2
Livestock	11.0	9.3	7.4	1.1	3.2
Fish	34.4	25.0	40.0	67.3	58.4
Total	100.0	100.0	100.0	100.0	100.0

Kamuli District Sample - Fishing HHs

| | Per capita income quartile | | | | All |
| | I | II | III | IV | |
Income source	%	%	%	%	%
Bananas	.	.	.	.	.
Food crops	7.0	2.3	5.6	5.5	5.5
Cash crops	.	.	.	.	.
Wages	.6	.	.	.1	.1
Self	13.1	24.3	29.2	15.7	18.0
Transfers	1.9	.3	1.4	.2	.5
Livestock	2.3	1.1	8.0	1.3	2.4
Fish	75.1	72.1	55.8	77.1	73.6
Total	100.0	100.0	100.0	100.0	100.0

Data are percentages of total income, based on incomes summed across all sample households
N values. I: 9; II: 9; III: 15; IV: 20: All: 53

Kamuli District Sample - Non-fishing HHs

	Per capita income quartile				All
	I	**II**	**III**	**IV**	
Income source	%	%	%	%	%
Bananas	.	.	.	.	.
Food crops	13.5	17.6	16.8	1.5	9.8
Cash crops	.	.	.	.3	.1
Wages	27.1	22.3	27.7	36.8	30.5
Self	34.3	37.6	46.0	60.3	49.3
Transfers	6.6	8.8	3.8	1.1	4.0
Livestock	18.4	13.7	5.8	.0	6.2
Fish	.	.	.	.	.
Total	100.0	100.0	100.0	100.0	100.0

N values. I: 17: II: 18: III: 11; IV: 6: All: 52

Mubende District Sample

	Per capita income quartile				All
	I	**II**	**III**	**IV**	
Income source	%	%	%	%	%
Bananas	16.8	35.2	34.5	26.4	29.5
Food crops	38.6	26.8	28.0	17.3	23.4
Cash crops	.3	.5	1.4	.9	.9
Wages	26.6	15.4	7.8	12.4	12.5
Self	9.2	11.3	16.0	26.6	19.8
Transfers	3.7	6.3	2.0	.5	2.1
Livestock	4.8	4.5	10.4	15.8	11.6
Fish	.	.	.	.	.
Total	100.0	100.0	100.0	100.0	100.0

All

	Per capita income quartile				All
	I	**II**	**III**	**IV**	
Income source	%	%	%	%	%
Bananas	16.5	22.3	27.6	18.3	20.5
Food crops	20.9	20.4	17.0	7.6	11.4
Cash crops	.4	.2	.8	.6	.6
Wages	14.9	14.5	13.8	8.6	10.5
Self	21.6	13.9	22.8	33.1	28.6
Transfers	6.4	7.4	2.2	.7	1.9
Livestock	7.4	6.7	7.7	3.8	5.0
Fish	11.9	14.5	8.2	27.3	21.4
Total	100.0	100.0	100.0	100.0	100.0

Data are percentages of total income, based on incomes summed across all sample households

Table 43. Household Mean income and Per Capita income, by District

		District			All
		Mbale	**Kamuli**	**Mubende**	
	N	105	105	105	315
Total HH income	Mean	2,354,375	2,140,316	1,342,003	1,945,565
	s.d.	4,003,454	5,174,863	1,139,428	3,846,877
	Median	991,900	661,000	1,027,500	953,450
Per capita income	Mean	584,789	637,404	378,577	533,590
	s.d.	801,216	1,491,991	285,293	994,676
	Median	331,000	250,435	307,174	297,600

Table 44. Household Mean Per Capita Income, by Income Quartile, by District

District		Per capita income quartile				All
		I	**II**	**III**	**IV**	
Mbale	N	26	27	26	26	105
	Mean	82,093	235,749	475,276	1,559,463	584,789
	s.d.	28,360	60,081	87,012	1,124,065	801,216
	Median	83,407	234,415	482,247	939,900	331,000
Kamuli	N	26	27	26	26	105
	Mean	79,350	179,137	393,404	1,915,350	637,404
	s.d.	33,529	35,831	82,211	2,634,391	1,491,991
	Median	85,047	174,500	405,243	960,394	250,435
Mubende	N	26	27	26	26	105
	Mean	103,904	244,396	385,092	786,075	378,577
	s.d.	42,873	39,199	48,368	249,334	285,293
	Median	105,808	250,116	383,138	788,519	307,174
All	N	79	79	79	78	315
	Mean	87,492	219,379	412,865	1,425,918	533,590
	s.d.	34,255	47,717	71,053	1,702,643	994,676
	Median	86,261	216,667	408,000	910,132	297,600

Table 45. Household Mean Income and Per Capita Income, by District (US$)

		District			All
		Mbale	Kamuli	Mubende	
	N	105	105	105	316
Total HH income	Mean	1,326.41	1,205.81	756.06	1,096.09
	s.d.	2,255.47	2,915.42	641.93	2,167.25
	Median	558.82	372.39	578.87	537.15
Per capita income	Mean	329.46	359.10	213.28	300.61
	s.d.	451.39	840.56	160.73	560.38
	Median	186.48	141.09	173.06	167.66

Conversion rate at time of survey: 1772.50 UShs = 1 US$

Table 46. Household Mean Per Capita Income, by Income Quartile, by District (US$)

District		Per capita income quartile				All
		I	II	III	IV	
Mbale	N	26	27	26	26	105
	Mean	46.25	132.82	267.76	878.57	329.46
	s.d.	15.98	33.85	49.02	633.28	451.39
	Median	47.0	132.1	271.7	529.5	186.5
Kamuli	N	26	27	26	26	105
	Mean	44.70	100.92	221.64	1,079.07	359.10
	s.d.	18.89	20.19	46.32	1,484.16	840.56
	Median	47.9	98.3	228.3	541.1	141.1
Mubende	N	26	27	26	26	105
	Mean	58.54	137.69	216.95	442.86	213.28
	s.d.	24.15	22.08	27.25	140.47	160.73
	Median	59.6	140.9	215.9	444.2	173.1
All	N	79	79	79	78	315
	Mean	49.29	123.59	232.60	803.33	300.61
	s.d.	19.30	26.88	40.03	959.24	560.38
	Median	48.6	122.1	229.9	512.8	167.7

Conversion rate at time of survey: 1772.50 UShs = 1 US$

Annex A: Maps

**Map 2: Uganda Study Districts, Showing Study Villages
(districts not represented to scale)**

Mbale District

Kamuli District

Mubende District