

### c. Coffee/Dairy Land-use System

District	Division	Sub-location	LUZ	Households	
				census	sample
Kirinyaga	Ndia	Gitaku	coffee/dairy	6,196	10
Kirinyaga	Gichugu	Mirichi	coffee/dairy	5,689	10
Kirinyaga	Ndia	Mukui	coffee/dairy	3,212	10
Kirinyaga	Ndia	Kagumo	coffee/dairy	2,187	10
Machakos	Kangundo	Kiboko	coffee/dairy	15,383	16
Machakos	Mwala	Vyulya	coffee/dairy	8,479	10
Machakos	Kangundo	Isinga	coffee/dairy	8,794	10
Murang'a	Kiharu	Kimathi	coffee/dairy	6,523	10
Murang'a	Kangema	Nyakahura	coffee/dairy	3,920	10
Murang'a	Kangema	Gacharaigu	coffee/dairy	5,005	10
Murang'a	Kiharu	Gatheru	coffee/dairy	5,979	10
Murang'a	Kiharu	Kiria	coffee/dairy	9,491	16
Murang'a	Kandara	Kariua	coffee/dairy	7,512	12
Murang'a	Kandara	Githunguri	coffee/dairy	10,359	16
Murang'a	Kandara	Githuya	coffee/dairy	1,975	14
Murang'a	Kandara	Kagundu/Kariti	coffee/dairy	10,853	17
Nakuru	Molo	Ndoswa	coffee/dairy	494	10
Nakuru	Molo	Marioshoni	coffee/dairy	2,298	10
Nakuru	Njoro	Siapei	coffee/dairy	14,652	19
Nakuru	Rongai	Lenginet	coffee/dairy	21,001	26
Nakuru	Bahati	Wendo	coffee/dairy	6,235	10
Nakuru	Bahati	Dundori	coffee/dairy	21,813	30
Nyandarua	OI-Kalou	Kanjuiiri	coffee/dairy	4,062	10
Nyandarua	OI-Kalou	Rurii	coffee/dairy	5,980	10
Nyandarua	Kinangop	Karati	coffee/dairy	5,026	10
				193,118	311

#### d. Horticulture/Dairy Land-use System

District	Division	Sub-location	LUZ	Households	
				census	sample
Kirinyaga	Ndia	Kianjege	hort/dairy	3,685	12
Machakos	Mwala	Kithangaini	hort/dairy	5,015	10
Machakos	Mwala	Utithini	hort/dairy	4,391	10
Machakos	Mwala	Kamwala	hort/dairy	4,065	10
Machakos	Mwala	Mithini	hort/dairy	4,447	12
Machakos	Kangundo	lia-Itune	hort/dairy	3,956	12
Machakos	Kangundo	Sengani	hort/dairy	6,975	19
Machakos	Kangundo	Kambusu	hort/dairy	6,744	19
Murang'a	Kiharu	Nyakihai	hort/dairy	5,487	17
Nakuru	Rongai	Kampi Ya Moto	hort/dairy	6,182	10
Nakuru	Bahati	Kirima	hort/dairy	6,209	10
Nakuru	Njoro	Ngata	hort/dairy	12,188	14
Nakuru	Rongai	Banita	hort/dairy	21,068	36
Narok	Mau	Olopito	hort/dairy	5,708	12
Narok	Mau	Enaibor Ajjik	hort/dairy	2,371	10
				98,491	212

#### e. Wheat/Dairy land-use System

District	Division	Sub-location	LUZ	Households	
				census	sample
Nakuru	Rongai	OI-Rongai	wheat/dairy	14,335	29
Nakuru	Rongai	Shawa	wheat/dairy	8,978	17
Nakuru	Bahati	Munanda	wheat/dairy	7,400	13
Nakuru	Njoro	Nessuit	wheat/dairy	11,174	13
Nakuru	Molo	Turi	wheat/dairy	12,757	14
Nakuru	Njoro	Njoro	wheat/dairy	22,025	29
Narok	Mau	Sakutiek**	wheat/dairy	12,357	12
Narok	Mau	Township	wheat/dairy	24,574	33
Nyandarua	OI-Kalou	Mawingo	wheat/dairy	3,064	10
				116,664	172

## f. Urban System

District	Division	Sub-location	LUZ	Households	
				census	sample
Nairobi	Kasarani	Roysambu	Urban	13,528	11
Nairobi	Kasarani	Kasarani	Urban	11,711	10
Nairobi	Kibera	Mugumoini	Urban	7,975	10
Nairobi	Kasarani	Kahawa North	Urban	23,567	14
Nairobi	Kibera	Woodley	Urban	7,411	10
Nairobi	Kibera	Nairobi West	Urban	26,080	16
Nairobi	Kibera	Golf Course	Urban	7,977	10
Nairobi	Kasarani	Ruaraka	Urban	55,821	53
Nairobi	Kasarani	Mathare	Urban	47,722	48
Nairobi	Kibera	Kibera	Urban	122,643	113
				324,435	312

## Appendix 2 Summary Tabular Results By Land-Use Systems

### Number and % of Households Surveyed, Agricultural and Dairy Household by Land-Use Zone.

LUZ	No. HH	Agricultural		Dairy	
		N	%	N	%
Sheep/dairy	203	195	97.50	134	66.00
Tea/dairy	180	173	97.70	136	75.60
Coffee/dairy	311	290	98.00	223	71.70
Hort./dairy	212	182	89.20	125	59.00
Wheat/dairy	172	138	80.70	99	57.60
Urban	312	37	13.50	23	7.40
Total/Av.	1390	1015	79.43	740	56.22

### Household Head Characteristics

LUZ	Sex (%)		Education level (%)				Farm mgt. (%)	Age
			None	Pri.	Sec.	Post		
	Male	Female	Sec.					
Sheep/dairy	66.5	33.50	17.4	55.3	22.60	4.70	71.40	47.0 (14.3)
Tea/dairy	75.1	24.90	8.5	55.4	27.10	9.00	70.10	49.4 (13.0)
Coffe/dairy	77.6	22.40	16.1	54.8	21.70	7.40	65.90	52.2 (15.2)
Hort./dairy	72.0	28.00	15.8	49.8	29.60	4.90	71.40	48.6 (15.1)
Wheat/dairy	80.8	19.20	15.2	45.7	27.40	11.60	49.40	48.7 (15.1)
Urban	79.7	20.30	3.2	29.4	39.40	28.10	9.10	38.4 (14.6)
Overall av.	75.3	24.72	12.7	48.4	27.97	10.95	56.22	47.0 (15.4)

## Household Sizes and Composition

LUZ	Number in each Age Category and (sd)					Av. no.
	< 8	8-14	15-22	23-65	>65	
Sheep/dairy	1.4 (1.5)	1.3 (1.5)	1.0 (1.2)	2.2 (2.0)	0.1 (0.4)	6.0 (3.6)
Tea/dairy	0.8 (1.1)	1.3 (1.3)	1.0 (1.8)	2.0 (1.0)	0.2 (0.5)	5.3 (3.0)
Coffee/dairy	1.2 (1.7)	1.0 (1.2)	1.0 (1.4)	2.2 (1.6)	0.3 (0.7)	5.7 (3.2)
Hort./dairy	1.6 (1.6)	1.1 (1.3)	1.0 (1.3)	2.3 (1.3)	0.3 (0.6)	6.3 (3.1)
Wheat/dairy	1.4 (1.4)	1.1 (1.4)	1.1 (1.5)	2.5 (1.6)	0.2 (0.5)	6.2 (3.5)
Urban	1.1 (1.1)	0.7 (1.1)	0.9 (1.0)	2.3 (1.7)	0.1 (0.3)	5.1 (2.8)
Average	1.2 (1.5)	1.1 (1.3)	1.0 (1.4)	2.2 (1.6)	0.2 (0.5)	5.7 (3.2)

## Average Land Holding Size, Number of Plots, Years since it's Establishment.

LUZ	n	Total land (acres)	No. plots	Years est.	Acreage same as at est. (%)
Sheep/dairy	200	8.2 (15.0)	1.4 (1.3)	16.5 (10.0)	76.3
Tea/dairy	178	2.8 (3.1)	2.0 (8.2)	21.1 (12.0)	78.0
Coffee/dairy	307	5.2 (8.0)	1.7 (4.8)	20.0 (12.4)	77.5
Hort./dairy	185	9.4 (15.5)	2.0 (4.8)	22.1 (13.2)	68.4
Wheat/dairy	138	7.7 (10.6)	1.9 (8.0)	14.8 (6.9)	82.4
Urban	36	8.8 (22.0)	1.9 (1.8)	11.0 (8.3)	83.3
Total/Av.	1044	6.6 (11.9)	1.8 (5.4)	18.9 (11.7)	77.7