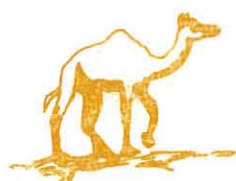
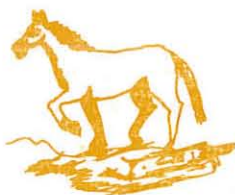


PEOPLE'S DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

AGRICULTURAL SAMPLE SURVEY

1988/89 (1981 EC)
REPORT ON
LIVESTOCK, POULTRY & BEEHIVE POPULATION
(PRIVATE, CO-OPERATIVE AND STATE FARMS)



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I. INTRODUCTION

In Ethiopia, agriculture is the dominant feature of the economy. Livestock and poultry production, hence, is a major component of this sector of the economy. Similar to crop production, livestock and poultry production contributes quite significant amount to the livelihood of the rural population, i.e, contributes to the daily food consumption and also offers prospects to supplementary cash income for the farmers. On the other hand, live animals, meat, hides and skin play important role in the country's foreign currency earnings as export items, next to coffee.

This publication, which contains data on livestock, poultry and beehives population is a continuation of the 1986/87 - 1987/88, REPORT ON LIVESTOCK, POULTRY AND BEEHIVE POPULATION, which is the result of the Annual Agricultural Sample Survey conducted by Central Statistical Authority in 1988/89.

II. OBJECTIVES

The objective of the above mentioned survey was to obtain basic statistical information which is needed in decision making and formulation of efficient economic policies for the country. The survey was designed to produce reliable estimates at national level and relatively rough estimates for the regions in the country.

III. COVERAGE

The 1988/89 Agricultural Sample Survey was launched in 25 newly formed Administrative and 1 Autonomous Regions excluding Eritrea, Tigray, Asseb and Ogaden Autonomous Regions.

Informations were collected from the sampled 867 Farmers' Association. The population of the survey were Private Peasant Holdings, Cooperative and State Farms. Regarding Producers' Cooperatives and State Farms, data were collected from all Producers' Cooperatives and State Farms existing in the country excluding Eritrea, Tigray,

Asseb and Ogaden Autonomous Region.

IV. METHODS OF DATA COLLECTION

The method used to collect the data from private peasant holdings was by interviewing the sampled holders. The reference period for enumerating livestock and poultry population was January First of 1989 for the survey conducted in 1988/89.

In each selected FA a fresh list of all households was prepared and then agricultural households were identified from the list of the household. Of these, 25 households were selected using Systematic Random Sampling. Thus, information related to livestock, poultry and beehives was collected by interviewing the sampled holders with in the selected household. In the case of cooperatives and State Farms, the information was gathered by interviewing the respective heads or representatives of each organization.

V. SUMMARY OF THE RESULTS

As shown in Table 1.1 the estimates of livestock population of all holdings (Private, Cooperative and State Farms) in Ethiopia, Excluding Eritrea, Tigrai, Asseb and Ogaden Autonomous Regions were about 39.8 million heads. Of these 39.5 million heads, 99% accounts for private peasant holdings. Although nomadic area is not included, it is expected to be the second predominant source of livestock after private holdings.

As indicated in tables 1 and 2, 22.6 million heads (56.7%) accounts for Cattle, about 8.9 million heads (22.3%) for Sheep, 5.1 million heads (12.8%) for Goats and 3.3 million heads (8.2%) for draught animals. The poultry population is 21.1 million and it consists only Hens, Cocks, Pullets and Chicks. However, all Chicks are considered as male. Thus the ratio of male to female poultry is 195:100.

.../

Concerning the distribution among the regions, the highest percentage of Cattle, Goat and poultry were reported in South Shoa with 11.04%, 11.80% and 14.82% respectively. The highest percentage of Sheep was reported in South Wollo with 15.46%. On the other hand, the lowest number of Cattle and Sheep in Gambella, Goat in South Omo and Poultry in Diredawa were estimated. For similar and other comparison purposes refer the tables.

TABLE 1

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, ALL HOLDINGS, NATIONAL 1988/89

TYPE	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	9366.47	13213.87	22580.34
SHEEP	2337.14	6549.23	8886.37
GOATS	1599.36	3509.69	5109.05
HORSES	525.01	563.31	1088.32
ASSES	788.20	1143.46	1931.66
CAMELS	19.20	18.86	37.86
MULES	99.87	107.87	207.74
PIGS	0.93	2.95	3.88
TOTAL	14736.13	25109.04	39845.22
POULTRY	13934.22	7120.66	21054.88
BEEHIVES	-	-	3035.60

TABLE 2

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY
SEX AND BEEHIVES, ALL HOLDINGS, NATIONAL 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	23.51	33.16	56.67
SHEEP	5.86	16.44	22.30
GOATS	4.01	8.81	12.82
HORSES	1.32	1.41	2.73
ASSES	1.98	2.87	4.85
CAMELS	0.05	0.05	0.10
MULES	0.25	0.27	0.52
PIGS	0.00	0.01	0.01
TOTAL	36.98	63.02	100.00
POULTRY	66.18	33.82	100.00
BEEHIVES	-	-	100.00

Percentage Distribution of Livestock by Type, All Holdings, National 1988/89

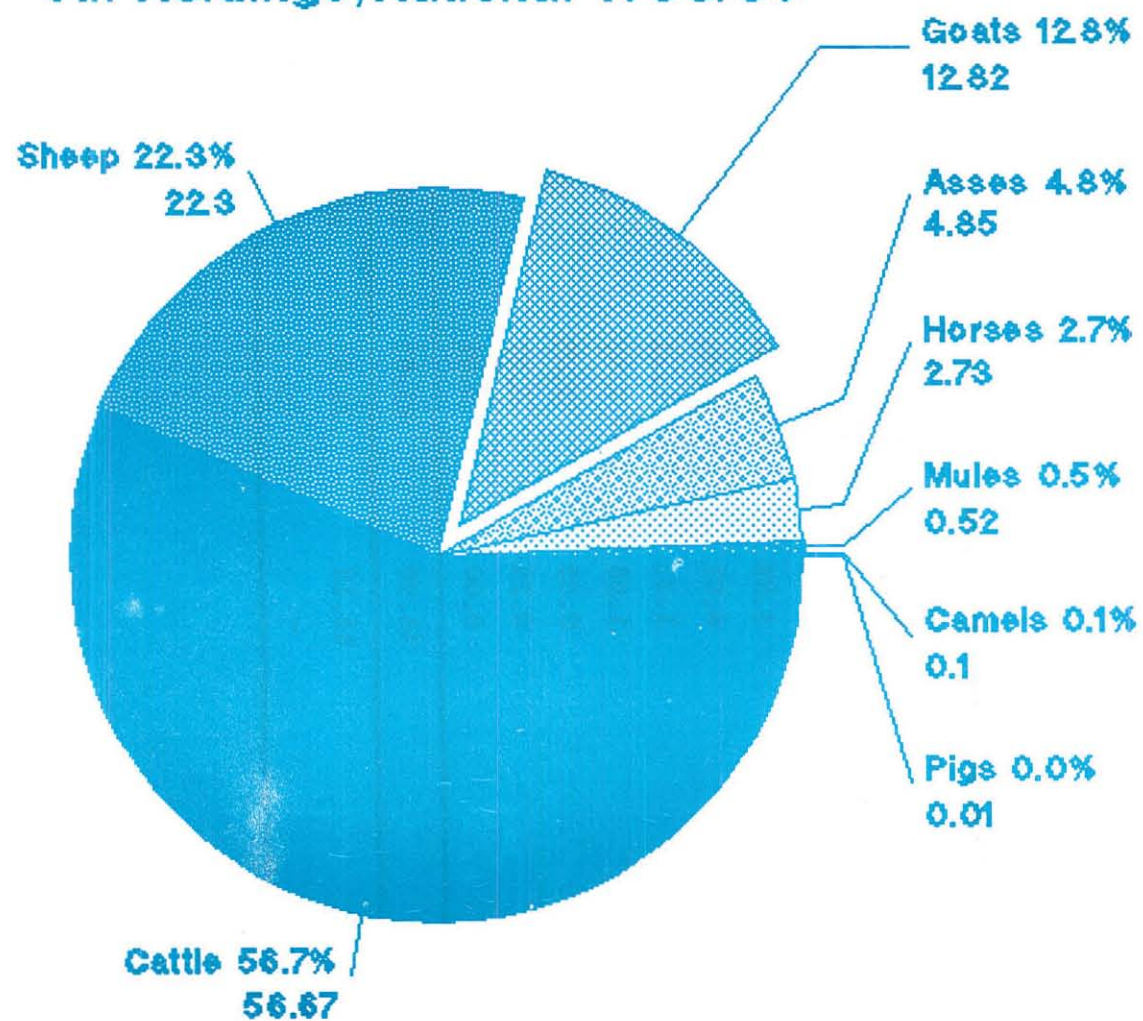


Fig. 1

TABLE 3

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, NATIONAL 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	9097.47	13179.29	22276.76
SHEEP	2308.55	6529.89	8838.44
GOATS	1588.20	3508.17	5096.37
HORSES	522.33	562.54	1084.87
ASSES	783.74	1140.22	1923.96
CAMELS	19.20	18.66	37.86
MULES	99.24	107.80	207.04
TOTAL	14418.73	25046.57	39465.30
POULTRY	12293.40	6229.91	18523.31
BEEHIVES	-	-	3026.61

TABLE 4

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY
SEX AND BEEHIVES, PRIVATE HOLDINGS, NATIONAL 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	23.05	33.39	56.44
SHEEP	5.85	16.55	22.40
GOATS	4.02	8.89	12.91
HORSES	1.32	1.43	2.75
ASSES	1.98	2.89	4.88
CAMELS	0.05	0.05	0.10
MULES	0.25	0.27	0.52
TOTAL	36.53	63.47	100.00
POULTRY	66.37	33.63	100.00
BEEHIVES	-	-	100.00

Percentage Distribution of Livestock by Type, Private Holdings, National 1988/89

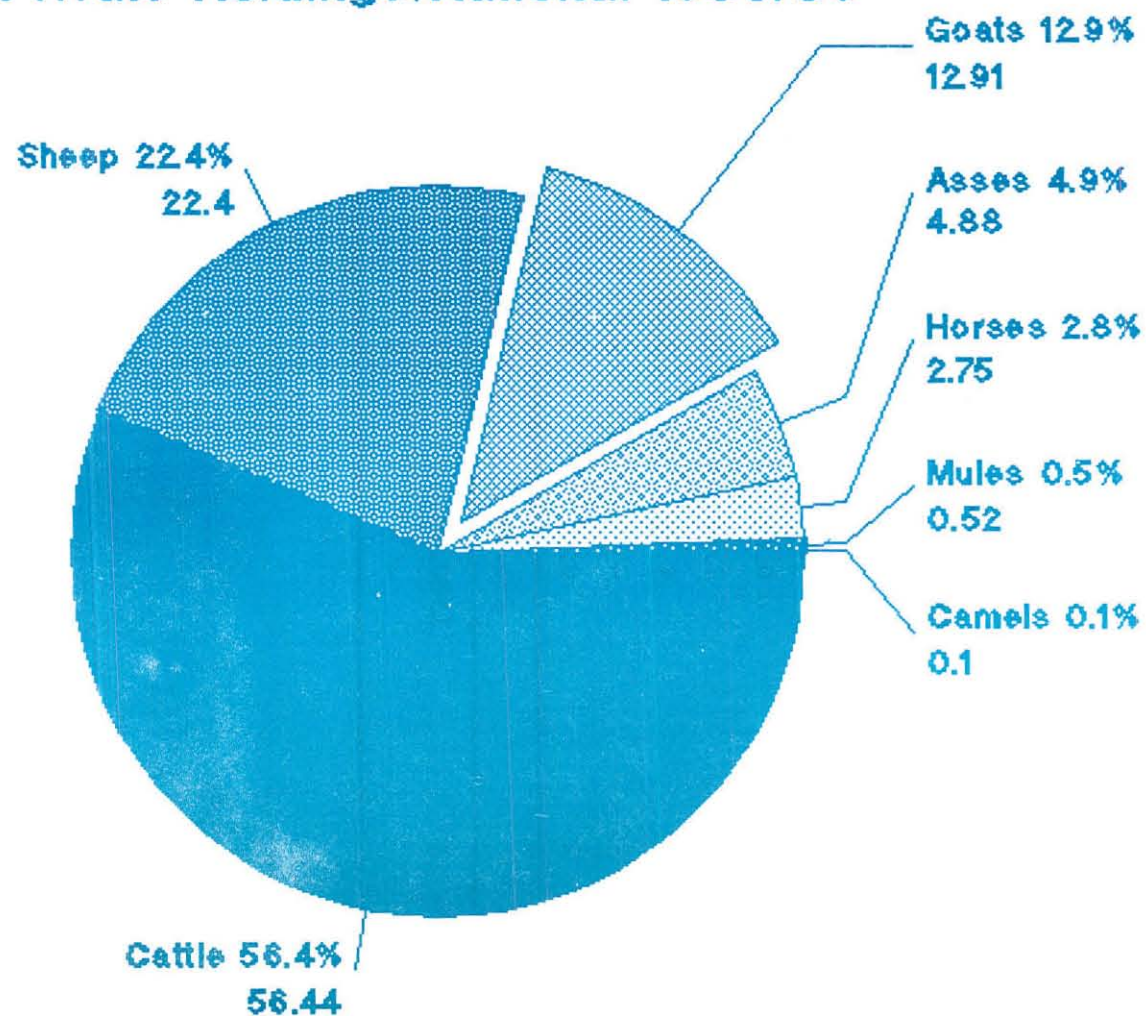


Fig. 2

TABLE 5

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, COOPERATIVES, NATIONAL 1988/89

TYPE	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	257.92	29.80	287.72
SHEEP	5.07	16.32	21.39
GOATS	0.63	1.46	2.09
HORSES	2.68	0.77	3.45
ASSES	4.46	3.24	7.70
CAMELS	-	-	-
MULES	0.63	0.07	0.70
TOTAL	271.39	51.66	323.05
POULTRY	1580.00	760.00	2340.00
BEEHIVES	-	-	8.99

TABLE 6

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY
SEX AND BEEHIVES, COOPERATIVES, NATIONAL 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	79.84	9.22	89.06
SHEEP	1.57	5.05	6.62
GOATS	0.20	0.45	0.65
HORSES	0.83	0.24	1.07
ASSES	1.38	1.00	2.38
CAMELS	-	-	-
MULES	0.20	0.02	0.22
TOTAL	84.01	15.99	100.00
POULTRY	67.52	32.48	100.00
BEEHIVES	-	-	100.00

Percentage Distribution of Livestock by Type, Cooperatives, National 1988/89

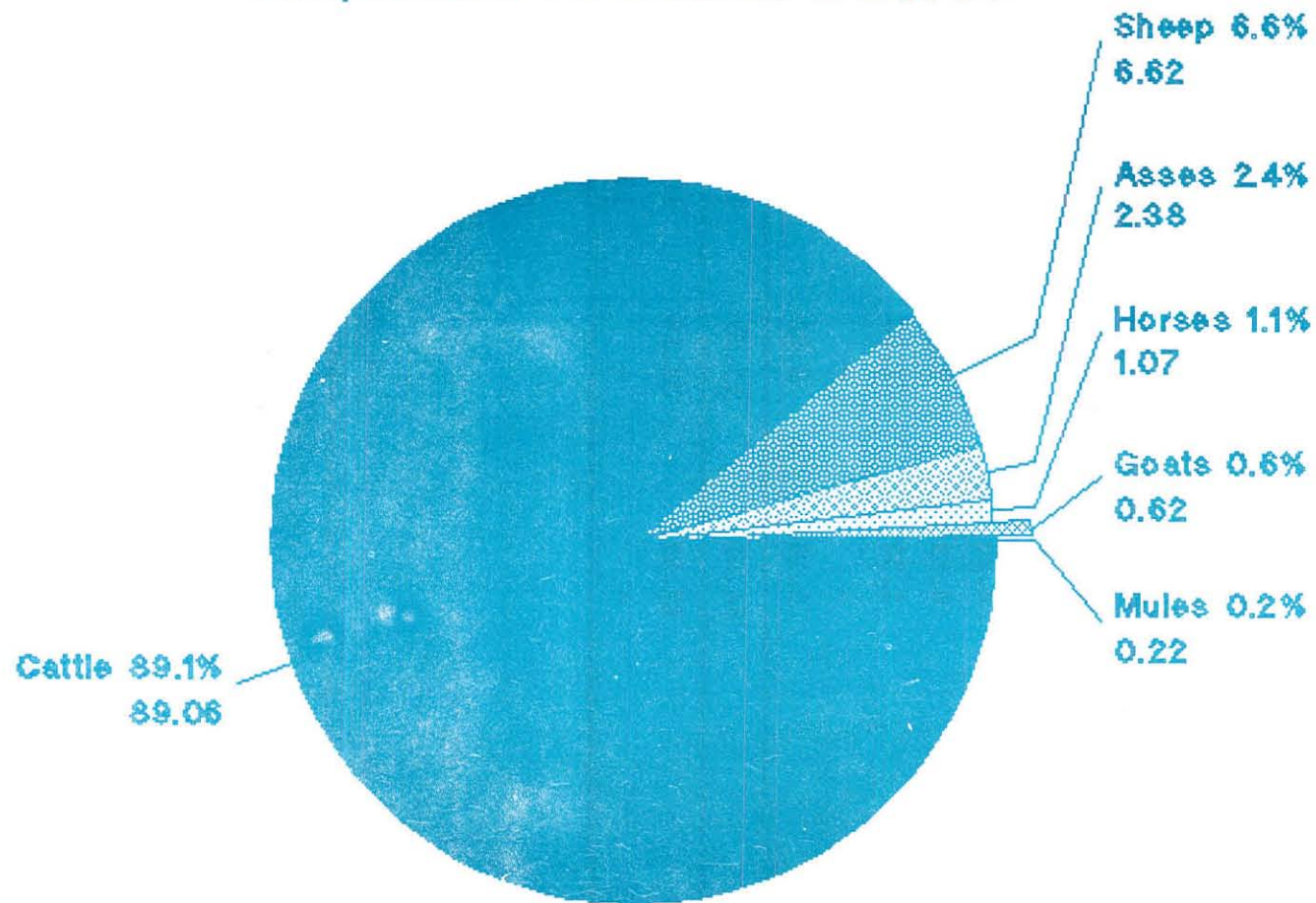


Fig. 3

TABLE 7

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, STATE FARMS, NATIONAL 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	11.08	4.78	15.86
SHEEP	23.52	3.02	26.54
GOATS	10.53	0.06	10.59
PIGS	0.93	2.95	3.88
TOTAL	46.06	10.81	56.87
POULTRY	60.82	130.75	191.57
BEEHIVES	-	-	-

TABLE 8

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY
SEX AND BEEHIVES, STATE FARMS, NATIONAL 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	19.48	8.41	27.89
SHEEP	41.36	5.31	46.67
GOATS	18.52	0.11	18.62
PIGS	1.64	5.19	6.82
TOTAL	80.99	19.01	100.00
POULTRY	31.75	68.25	100.00
BEEHIVES	-	-	-

Percentage Distribution of Livestock by Type, State Farms, National 1988/89

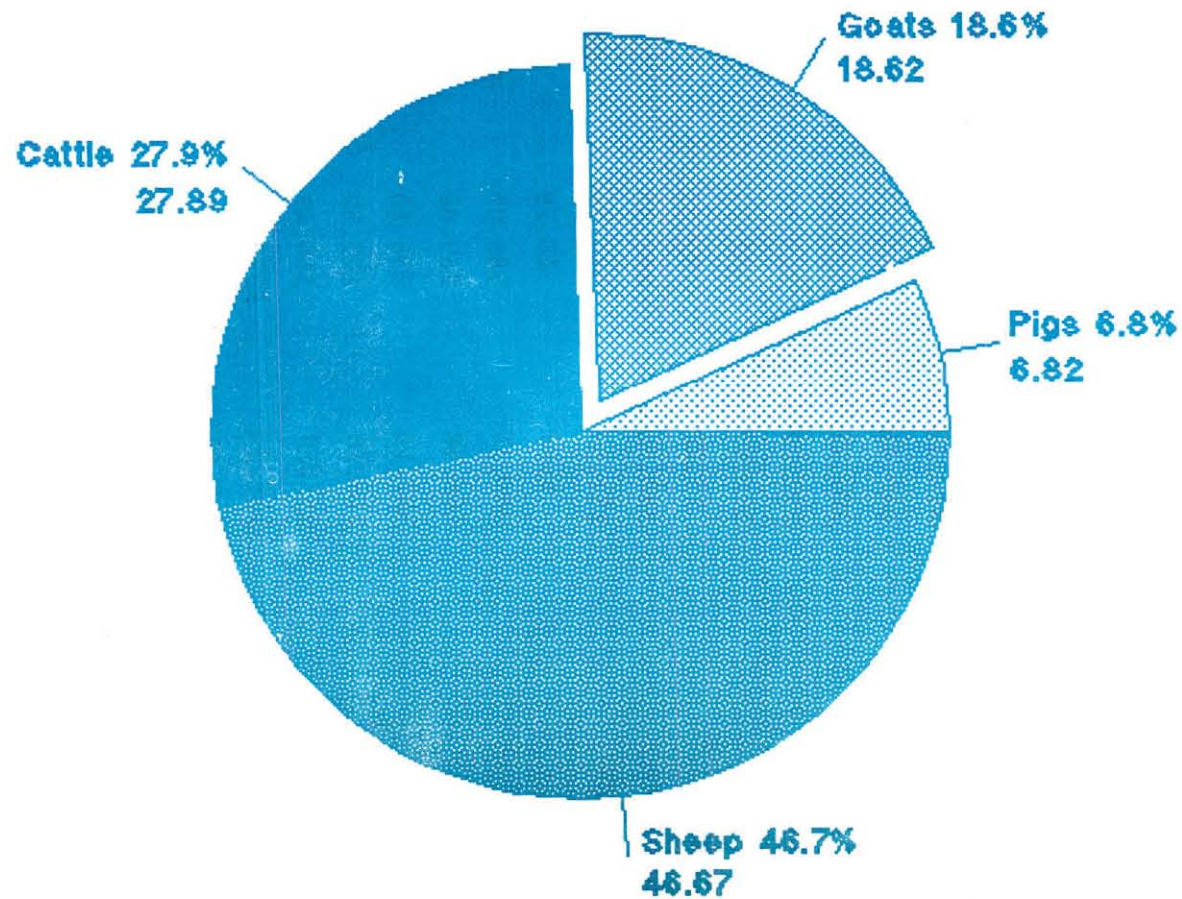


Fig. 4

TABLE 9

NUMBER OF CATTLE BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

IN THOUSANDS			
REGION	MALE	FEMALE	TOTAL
ARSSI	697.60	1001.34	1698.94
BALE	323.98	576.10	900.08
NORTH OMO	544.83	924.39	1469.32
SOUTH OMO	24.51	29.05	53.56
EAST GOJAM	413.17	415.97	829.14
WEST GOJAM	546.48	669.12	1215.60
METEKEL	103.21	137.54	240.75
NORTH GONDER	215.77	229.87	445.64
SOUTH GONDER	370.07	381.71	751.78
DIRE DAWA*	12.22	29.51	41.73
EAST HARARGHE	280.96	467.83	748.79
WEST HARARGHE	251.59	352.78	604.37
GAMBELLA	6.07	10.79	16.86
ILLUBABOR	500.35	589.05	1089.40
KEFFA	168.28	263.88	432.16
ADDIS ABABA	207.15	236.10	443.25
EAST SHOA	218.98	179.52	398.50
NORTH SHOA	657.19	566.47	1223.66
SOUTH SHOA	928.92	1529.35	2458.27
WEST SHOA	635.63	1157.11	1792.74
BORENA	125.56	236.25	361.81
SIDAMO	615.83	1772.55	2388.38
ASSOSA	53.99	81.43	135.42
WELLEGA	400.60	529.48	930.08
NORTH WOLLO	282.38	318.61	600.99
SOUTH WOLLO	512.15	493.49	1005.64
ALL REGIONS	9097.47	13179.29	22276.76

* AUTONOMOUS REGION

TABLE 10

PERCENTAGE DISTRIBUTION OF CATTLE BY SEX AND REGION
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	3.13	4.49	7.63
BALE	1.45	2.59	4.04
NORTH OMO	2.45	4.15	6.60
SOUTH OMO	0.11	0.13	0.24
EAST GOJAM	1.35	1.87	3.72
WEST GOJAM	2.45	3.00	5.46
METEKEL	0.46	0.62	1.08
NORTH GONDER	0.97	1.03	2.00
SOUTH GONDER	1.66	1.71	3.37
DIRE DAWA*	0.05	0.13	0.19
EAST HARARGHE	1.26	2.10	3.36
WEST HARARGHE	1.13	1.58	2.71
GAMBELLA	0.03	0.05	0.08
ILLUBABOR	2.25	2.64	4.89
KEFFA	0.76	1.18	1.94
ADDIS ABABA	0.93	1.06	1.99
EAST SHOA	0.98	0.81	1.79
NORTH SHOA	2.95	2.54	5.49
SOUTH SHOA	4.17	6.87	11.04
WEST SHOA	2.85	5.19	8.05
BORENA	0.56	1.06	1.62
SIDAMO	2.76	7.96	10.72
ASSOSA	0.24	0.37	0.61
WELLEGA	1.80	2.38	4.18
NORTH WOLLO	1.27	1.43	2.70
SOUTH WOLLO	2.30	2.22	4.51
ALL REGIONS	40.84	59.16	100.00

*
AUTONOMOUS REGION

TABLE 11

NUMBER OF SHEEP BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

REGION	IN THOUSANDS		
	MALE	FEMALE	TOTAL
ARSSI	220.28	593.79	814.07
BALE	55.08	143.39	198.47
NORTH OMO	121.45	370.94	492.39
SOUTH OMO	4.17	15.83	20.00
EAST GOJAM	72.85	309.36	382.21
WEST GOJAM	96.32	357.80	454.12
METEKEL	13.95	26.34	40.29
NORTH GONDER	8.33	38.66	46.99
SOUTH GONDER	88.55	287.79	376.34
DIRE DAWA*	7.14	14.20	21.34
EAST HARARGHE	43.47	112.79	156.26
WEST HARARGHE	26.86	69.91	96.77
GAMBELLA	2.23	4.41	6.64
ILLUBABOR	91.74	256.99	348.73
KEFFA	43.92	113.70	157.62
ADDIS ABABA	51.66	105.99	157.65
EAST SHOA	36.25	55.10	91.35
NORTH SHOA	298.09	767.82	1065.91
SOUTH SHOA	139.33	296.48	435.81
WEST SHOA	96.25	270.16	366.41
BORANA	36.94	76.24	113.18
SIDAMO	114.79	343.57	458.36
ASSOSA	9.00	27.35	36.35
WELLEGA	50.88	155.25	206.13
NORTH WOLLO	225.54	703.30	928.84
SOUTH WOLLO	353.48	1012.73	1366.21
ALL REGIONS	2308.55	6529.89	8838.44

*
AUTONOMES REGION

TABLE 12

PERCENTAGE DISTRIBUTION OF SHEEP BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	2.49	6.72	9.21
BALE	0.62	1.62	2.25
NORTH OMO	1.37	4.20	5.57
SOUTH OMO	0.05	0.18	0.23
EAST GOJAM	0.82	3.50	4.32
WEST GOJAM	1.09	4.05	5.14
METEKEL	0.16	0.30	0.46
NORTH GONDER	0.09	0.44	0.53
SOUTH GONDER	1.00	3.26	4.26
DIRE DAWA*	0.08	0.16	0.24
EAST HARARGHE	0.49	1.28	1.77
WEST HARARGHE	0.30	0.79	1.09
GAMBELLA	0.03	0.05	0.08
ILLUBABOR	1.04	2.91	3.95
KEFFA	0.50	1.29	1.78
ADDIS ABABA	0.58	1.20	1.78
EAST SHOA	0.41	0.62	1.03
NORTH SHOA	3.37	8.69	12.06
SOUTH SHOA	1.58	3.35	4.93
WEST SHOA	1.09	3.06	4.15
BORENA	0.42	0.86	1.28
SIDAMO	1.30	3.89	5.19
ASSOSA	0.10	0.31	0.41
WELLEGA	0.58	1.76	2.33
NORTH WOLLO	2.55	7.96	10.51
SOUTH WOLLO	4.00	11.46	15.46
ALL REGIONS	26.12	73.88	100.00

*

AUTONOMOUS REGION

TABLE 13

- 20 -

NUMBER OF GOATS BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

IN THOUSANDS			
REGION	MALE	FEMALE	TOTAL
ARSSI	71.62	169.29	240.91
BALE	41.75	102.36	144.11
NORTH OMO	89.45	240.34	329.79
SOUTH OMO	4.48	9.66	14.14
EAST GOJAM	25.29	70.70	95.99
WEST GOJAM	35.56	83.91	119.47
METEKEL	19.54	40.69	60.23
NORTH GONDER	21.28	65.64	86.92
SOUTH GONDER	51.33	118.81	170.14
DIRE DAWA*	17.49	35.31	52.80
EAST HARARGHE	98.25	247.30	345.55
WEST HARARGHE	66.08	144.33	210.41
GAMBELLA	4.41	11.57	15.98
ILLUBABOR	31.23	112.41	143.64
KEFFA	36.20	67.66	103.86
ADDIS ABEBA	8.38	17.50	25.88
EAST SHOA	66.12	98.16	164.28
NORTH SHOA	184.56	265.19	449.75
SOUTH SHOA	200.50	400.78	601.28
WEST SHOA	31.31	84.13	115.44
BORENA	59.86	143.13	202.99
SIDAMO	140.18	351.53	491.71
ASSOSA	7.88	19.69	27.57
WELLEGA	22.47	61.49	83.96
NORTH WOLLO	99.74	208.13	307.87
SOUTH WOLLO	153.24	338.46	491.70
ALL REGIONS	1588.20	3508.17	5096.37

*

AUTONOMOUS REGION

TABLE 14

PERCENTAGE DISTRIBUTION OF GOATS BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	1.41	3.32	4.73
BALE	0.82	2.01	2.83
NORTH OMO	1.76	4.72	6.47
SOUTH OMO	0.09	0.19	0.28
EAST GOJAM	0.50	1.39	1.88
WEST GOJAM	0.70	1.65	2.34
METEKEL	0.38	0.80	1.18
NORTH GONDER	0.42	1.29	1.71
SOUTH GONDER	1.01	2.33	3.34
DIREDAWA*	0.34	0.69	1.04
EAST HARARGHE	1.93	4.85	6.78
WEST HARARGHE	1.30	2.83	4.13
GAMBELLA	0.09	0.23	0.31
ILLUBABOR	0.61	2.21	2.82
KEFFA	0.71	1.33	2.04
ADDIS ABABA	0.16	0.34	0.51
EAST SHOA	1.30	1.93	3.22
NORTH SHOA	3.62	5.20	8.82
SOUTH SHOA	3.93	7.86	11.80
WEST SHOA	0.61	1.65	2.27
BORENA	1.17	2.81	3.98
SIDAMO	2.75	6.90	9.65
ASSOSA	0.15	0.39	0.54
WELLEGA	0.44	1.21	1.65
NORTH WOLLO	1.96	4.08	6.04
SOUTH WOLLO	3.01	6.64	9.65
ALL REGIONS	31.16	68.84	100.00

* AUTONOMOUS REGION

TABLE-15

NUMBER OF HORSES BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

REGION	IN THOUSANDS		
	MALE	FEMALE	TOTAL
ARSSI	96.77	86.25	183.02
BALE	34.27	28.75	63.02
NORTH OMO	19.86	17.22	37.08
SOUTH OMO	1.47	1.03	2.50
EAST GOJAM	22.27	25.48	47.75
WEST GOJAM	37.48	53.96	91.44
METEKEL	0.00	0.00	0.00
NORTH GONDER	6.65	4.38	11.03
SOUTH GONDER	16.80	17.28	34.08
DIRE DAWA*	0.00	0.00	0.00
EAST HARARGHE	1.02	4.76	5.78
WEST HARARGHE	0.23	1.10	1.33
GAMBELLA	0.00	0.00	0.00
ILLUBABOR	24.97	25.60	50.57
KEFFA	6.86	9.28	16.14
ADDIS ABABA	14.89	12.57	27.46
EAST SHOA	2.11	0.69	2.80
NORTH SHOA	19.93	20.88	40.81
SOUTH SHOA	42.22	34.83	77.05
WEST SHOA	53.19	59.24	112.43
BORENA	5.92	4.09	10.01
SIDAMO	71.88	79.48	151.36
ASSOSA	0.00	0.00	0.00
WELLEGA	3.87	2.11	5.93
NORTH WOLLO	19.50	37.32	56.82
SOUTH WOLLO	20.17	36.27	56.41
ALL REGIONS	522.33	562.53	1084.87

*

AUTONOMOUS REGION

TABLE 16

PERCENTAGE DISTRIBUTION OF HORSES BY SEX AND REGION,
PRIVATE HOLDINGS, 1983/89

REGION	MALE	FEMALE	TOTAL
ARSSI	8.92	7.95	16.87
BALE	3.16	2.65	5.81
NORTH OMO	1.83	1.59	3.42
SOUTH OMO	0.14	0.10	0.23
EAST GOJAM	2.05	2.35	4.40
WEST GOJAM	3.45	4.97	8.43
METEKEL	0.00	0.00	0.00
NORTH GONDER	0.61	0.40	1.02
SOUTH GONDER	1.55	1.59	3.14
DIRE DAWA*	0.00	0.00	0.00
EAST HARARGHE	0.09	0.44	0.53
WEST HARARGHE	0.02	0.10	0.12
GAMBELLA	0.00	0.00	0.00
ILLUBABOR	2.30	2.36	4.66
KEFFA	0.63	0.86	1.49
ADDIS ABABA	1.37	1.16	2.53
EAST SHOA	0.19	0.06	0.26
NORTH SHOA	1.84	1.92	3.76
SOUTH SHOA	3.89	3.21	7.10
WEST SHOA	4.90	5.46	10.36
BORENA	0.55	0.38	0.92
SIDAMO	6.63	7.33	13.95
ASSOSA	0.00	0.00	0.00
WELLEGA	0.36	0.19	0.55
NORTH WOLLO	1.80	3.44	5.24
SOUTH WOLLO	1.86	3.34	5.20
ALL REGIONS	48.15	51.85	100.00

*

AUTONOMOUS REGION

TABLE 17

NUMBER OF ASSES BY SEX AND REGION
PRIVATE HOLDINGS, 1988/89

REGION	IN THOUSANDS		
	MALE	FEMALE	TOTAL
ARSSI	54.42	73.15	127.57
BALE	32.80	41.61	74.41
NORTH OMO	24.25	4.93	29.18
SOUTH OMO	0.29	0.59	0.88
EAST GOJAM	31.13	68.89	100.02
WEST GOJAM	28.61	62.06	90.67
METEKEL	11.31	8.15	19.46
NORTH GONDER	16.03	44.10	60.13
SOUTH GONDER	25.79	64.18	89.97
DIRE DAWA*	3.54	2.87	6.41
EAST HARARGHE	56.59	46.33	102.92
WEST HARARGHE	45.69	41.09	86.78
GAMBELLA	0.47	0.08	0.55
ILLUBABOR	12.53	6.21	18.74
KEFFA	0.84	0.00	0.84
ADDIS ABABA	35.74	26.29	62.03
EAST SHOA	43.95	57.66	101.61
NORTH SHOA	89.21	138.63	227.84
SOUTH SHOA	90.13	162.35	252.48
WEST SHOA	21.46	39.30	60.76
BORENA	9.88	6.98	16.86
SIDAMO	34.47	56.14	90.61
ASSOSA	5.64	6.06	11.70
WELLEGA	18.40	24.26	42.66
NORTH WOLLO	31.05	57.58	88.63
SOUTH WOLLO	59.52	100.73	160.25
ALL REGIONS	783.70	1140.22	1923.96

*

AUTONOMOUS REGION

TABLE 18

PERCENTAGE DISTRIBUTION OF ASSES BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	2.83	3.80	6.63
BALE	1.70	2.16	3.87
NORTH OMO	1.26	0.26	1.52
SOUTH OMO	0.02	0.03	0.05
EAST GOJAM	1.62	3.58	5.20
WEST GOJAM	1.49	3.23	4.71
METEKEL	0.59	0.42	1.01
NORTH GONDER	0.83	2.29	3.13
SOUTH GONDER	1.34	3.34	4.68
DIKE DAWA*	0.18	0.15	0.33
EAST HARARGHE	2.94	2.41	5.35
WEST HARARGHE	2.37	2.14	4.51
GAMBELLA	0.02	0.01	0.03
ILLUEABOR	0.65	0.32	0.97
KEFFA	0.04	0.00	0.04
ADDIS ARABA	1.86	1.37	3.22
EAST SHOA	2.28	3.00	5.28
NORTH SHOA	4.64	7.21	11.84
SOUTH SHOA	4.68	8.44	13.12
WEST SHOA	1.12	2.04	3.16
BORENA	0.51	0.36	0.88
SIDAMO	1.79	2.92	4.71
ASSOSA	0.29	0.31	0.61
WELLEGA	0.96	1.26	2.22
NORTH WOLLO	1.61	2.99	4.61
SOUTH WOLLO	3.09	5.24	8.33
ALL REGIONS	40.74	59.26	100.00

*

AUTONOMOUS REGION

TABLE 19

NUMBER OF CAMELS BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

IN THOUSANDS			
REGION	MALE	FEMALE	TOTAL
ARSSI	0.00	0.00	0.00
BALE	0.60	1.04	1.64
NORTH OMO	0.00	0.00	0.00
SOUTH OMO	0.00	0.00	0.00
EAST GOJAM	0.00	0.00	0.00
WEST GOJAM	0.00	0.00	0.00
METEKEL	0.00	0.00	0.00
NORTH GONDER	0.00	0.00	0.00
SOUTH GONDER	0.00	0.00	0.00
DIRE DAWA*	2.22	3.30	5.52
EAST HARARGHE	4.78	1.76	6.54
WEST HARARGHE	3.57	10.84	14.41
GAMBELLA	0.00	0.00	0.00
ILLUBABOR	0.00	0.00	0.00
KEFFA	0.00	0.00	0.00
ADDIS ABABA	0.00	0.00	0.00
EAST SHOA	0.00	0.00	0.00
NORTH SHOA	0.00	0.00	0.00
SOUTH SHOA	0.00	0.00	0.00
WEST SHOA	0.00	0.00	0.00
BORENA	1.63	1.11	2.74
SIDAMO	0.00	0.00	0.00
ASSOSA	0.36	0.27	0.63
WELLEGA	0.72	0.00	0.72
NORTH WOLLO	0.00	0.00	0.00
SOUTH WOLLO	5.32	0.34	5.66
ALL REGIONS	19.20	18.66	37.86

* AUTONOMOUS REGION

TABLE 20

PERCENTAGE DISTRIBUTION OF CAMELS BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	0.00	0.00	0.00
BALE	1.58	2.75	4.33
NORTH OMO	0.00	0.00	0.00
SOUTH OMO	0.00	0.00	0.00
EAST GOJAM	0.00	0.00	0.00
WEST GOJAM	0.00	0.00	0.00
METEKEL	0.00	0.00	0.00
NORTH GONDER	0.00	0.00	0.00
SOUTH GONDER	0.00	0.00	0.00
DIRE DAWA*	5.86	8.71	14.57
EAST HARARGHE	12.59	4.62	17.21
WEST HARARGHE	9.41	28.54	37.95
GAMBELLA	0.00	0.00	0.00
ILLUBABOR	0.00	0.00	0.00
KEFFA	0.00	0.00	0.00
ADDIS ABABA	0.28	0.00	0.28
EAST SHOA	0.00	0.00	0.00
NORTH SHOA	0.00	0.00	0.00
SOUTH SHOA	0.00	0.00	0.00
WEST SHOA	0.00	0.00	0.00
BORENA	4.29	2.92	7.22
SIDAMO	0.00	0.00	0.00
ASSOSA	0.94	0.70	1.64
WELLEGA	1.90	0.00	1.90
NORTH WOLLO	0.00	0.00	0.00
SOUTH WOLLO	14.01	0.90	14.91
ALL REGIONS	50.86	49.14	100.00

*

AUTONOMOUS REGION

TABLE 21

NUMBER OF MULES BY SEX AND REGION,
PRIVATE HOLDINGS, 1988/89

IN THOUSANDS

REGION	MALE	FEMALE	TOTAL
AKSSI	7.25	6.34	13.59
BALE	6.41	3.27	9.68
NORTH OMO	7.97	6.00	13.97
SOUTH OMO	0.16	0.00	0.16
EAST GOJAM	2.51	0.96	3.47
WEST GOJAM	2.48	5.72	8.20
METEKEL	0.24	1.07	1.31
NORTH GONDER	1.05	1.85	2.90
SOUTH GONDER	5.29	3.09	8.38
DIRE DAWA*	0.05	0.15	0.20
EAST HARARGHE	1.05	0.00	1.05
WEST HARARGHE	0.47	0.00	0.47
GAMBELLA	0.22	0.00	0.22
ILLUBABOR	6.81	10.30	17.11
KEFFA	2.93	0.00	2.93
ADDIS ABABA	1.74	1.95	3.69
EAST SHOA	2.75	0.58	3.33
NORTH SHOA	5.30	8.26	13.56
SOUTH SHOA	10.71	11.64	22.35
WEST SHOA	1.51	4.41	5.92
BORENA	1.83	1.38	3.21
SIDAMO	3.14	4.31	7.45
ASSOSA	0.27	0.60	0.87
WELLEGA	1.79	4.23	6.02
NORTH WOLLO	4.23	8.78	13.01
SOUTH WOLLO	21.08	22.91	43.99
ALL REGIONS	99.24	107.80	207.04

*

AUTONOMOUS REGION

TABLE 22

PERCENTAGE DISTRIBUTION OF MULES BY SEX AND REGION
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	3.50	3.06	6.56
BALE	3.10	1.58	4.68
NORTH OMO	3.85	2.90	6.75
SOUTH OMO	0.08	0.00	0.08
EAST GOJAM	1.21	0.46	1.68
WEST GOJAM	1.20	2.76	3.96
METEKEL	0.11	0.52	0.63
NORTH GONDER	0.51	0.89	1.40
SOUTH GONDER	2.56	1.49	4.05
DIRE DAWA*	0.03	0.07	0.10
EAST HARARGHE	0.51	0.00	0.51
WEST HARARGHE	0.23	0.00	0.23
GAMBELLA	0.11	0.11	0.11
ILLUBABOR	3.29	4.97	8.26
KEFFA	1.42	0.00	1.42
ADDIS ABABA	0.84	0.94	1.79
EAST SHOA	1.33	0.28	1.61
NORTH SHOA	2.56	3.99	6.55
SOUTH SHOA	5.18	5.62	10.82
WEST SHOA	0.73	2.13	2.86
BORENA	0.88	0.67	1.55
SIDAMO	1.52	2.08	3.60
ASSOSA	0.13	0.29	0.42
WELLEGA	0.86	2.04	2.91
NORTH WOLLO	2.04	4.24	6.28
SOUTH WOLLO	10.18	11.06	21.25
ALL REGIONS	47.93	52.07	100.00

*

AUTONOMOUS REGION

TABLE 23

NUMBER OF POULTRY BY SEX AND REGION
PRIVATE HOLDINGS, 1988/89

IN THOUSANDS			
REGION	MALE	FEMALE	TOTAL
ARSSI	344.80	297.22	552.02
BALE	97.92	78.85	176.77
NORTH OMO	745.44	389.72	1135.16
SOUTH OMO	54.87	33.77	88.64
EAST GOJAM	220.72	184.09	404.81
WEST GOJAM	744.49	336.53	1081.02
METEKEL	203.13	87.92	291.05
NORTH GONDER	306.57	123.43	430.00
SOUTH GONDER	461.53	204.44	665.97
DIRE DAWA*	22.69	16.27	38.96
EAST HARARGHE	289.35	234.21	523.56
WEST HARARGHE	492.13	213.06	710.19
GAMBELLA	82.77	33.14	115.91
ILLUBABOR	676.39	386.96	1063.35
KEFFA	595.52	345.71	941.23
ADDIS ABABA	90.96	111.97	202.93
EAST SHOA	225.70	118.72	344.42
NORTH SHOA	873.15	456.00	1329.15
SOUTH SHOA	1986.96	757.45	2744.41
WEST SHOA	581.27	304.59	885.86
BORENA	84.86	47.08	131.94
SIDAMO	811.62	410.92	1222.54
ASSOSA	158.56	73.97	232.53
WELLEGA	708.91	329.84	1038.75
NORTH WOLLO	552.33	246.86	799.19
SOUTH WOLLO	880.76	492.19	1372.95
ALL REGIONS	12293.40	6229.91	18523.31

*

AUTONOMOUS REGION

TABLE 24

PERCENTAGE DISTRIBUTION OF POULTRY BY SEX AND REGION
PRIVATE HOLDINGS, 1988/89

REGION	MALE	FEMALE	TOTAL
ARSSI	1.86	1.12	2.98
BALE	0.53	0.43	0.95
NORTH OMO	4.02	2.10	6.13
SOUTH OMO	0.30	0.18	0.48
EAST GOJAM	1.19	0.99	2.19
WEST GOJAM	4.02	1.82	5.84
METEKEL	1.10	0.47	1.57
NORTH GONDER	1.66	0.67	2.32
SOUTH GONDER	2.49	1.10	3.60
DIRE DAWA*	0.12	0.09	0.21
EAST HARARGHE	1.56	1.26	2.83
WEST HARARGHE	2.66	1.18	3.83
GAMBELLA	0.45	0.18	0.63
ILLUBABOR	3.65	2.09	5.74
KEFFA	3.21	1.87	5.08
ADDIS ABABA	0.49	0.60	1.10
EAST SHOA	1.22	0.64	1.86
NORTH SHOA	4.71	2.46	7.18
SOUTH SHOA	10.73	4.09	14.82
WEST SHOA	3.14	1.64	4.78
BORENA	0.46	0.25	0.71
SIDAMO	4.38	2.22	6.60
ASSOSA	0.86	0.40	1.26
WELLEGA	3.83	1.78	5.61
NORTH WOLLO	2.98	1.33	4.31
SOUTH WOLLO	4.75	2.66	7.41
ALL REGIONS	66.37	33.63	100.00

*

AUTONOMOUS REGION

TABLE 25

NUMBER OF BEEHIVES BY REGION, PRIVATE HOLDINGS, 1988/89

IN THOUSANDS	
REGION	NUMBER
ARSSI	57.50
BALE	133.81
NORTH OMO	139.74
SOUTH OMO	21.63
EAST GOJAM	59.12
WEST GOJAM	126.68
METEKEL	48.91
NORTH GONDER	47.09
SOUTH GONDER	79.41
DIRE DAWA*	0.45
EAST HARARGHE	49.94
WEST HARARGHE	59.91
GAMBELLA	8.36
ILLUBABOR	571.26
KEFFA	344.34
ADDIS ABABA	67.53
EAST SHOA	4.80
NORTH SHOA	73.28
SOUTH SHOA	214.79
WEST SHOA	160.35
BORENA	43.48
SIDAMO	177.80
ASSOSA	57.05
WELLEGA	325.71
NORTH WOLLO	46.00
SOUTH WOLLO	107.67
ALL REGIONS	3026.61

*

AUTONOMOUS REGION

TABLE 26

PERCENTAGE DISTRIBUTION OF BEEHIVES BY REGION,
PRIVATE HOLDINGS, 1988/89

REGION	PERCENTAGE
ARSSI	1.90
BALE	4.42
NORTH OMO	4.62
SOUTH OMO	0.71
EAST GOJAM	1.95
WEST GOJAM	4.19
METEKEL	1.62
NORTH GONDER	1.56
SOUTH GONDER	2.62
DIRE DAWA*	0.02
EAST HARARGHE	1.65
WEST HARARGHE	1.98
GAMBELLA	0.23
ILLUBABOR	18.87
KEFFA	11.38
ADDIS ABABA	2.23
EAST SHOA	0.16
NORTH SHOA	2.42
SOUTH SHOA	7.10
WEST SHOA	5.30
BORENA	1.44
SIDAMO	5.87
ASSOSA	1.89
WELLEGA	10.76
NORTH WOLLO	1.52
SOUTH WOLLO	3.56
ALL REGIONS	100.00

*

AUTONOMOUS REGIONS

TABLE 27

NUMBER OF CATTLE BY AGE AND SEX, PRIVATE HOLDINGS,
NATIONAL 1988/89

IN THOUSANDS

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 1 YEAR	1455.64	1915.15	3370.79
1 YEAR, UNDER 2	1025.04	1454.51	2479.55
2 YEARS, UNDER 3	907.80	1272.24	2180.04
3 YEARS, UNDER 4	851.50	1470.28	2321.78
4 YEARS AND OVER	4857.49	7067.11	11924.60
ALL AGES	9097.47	13179.29	22276.76

TABLE 28

PERCENTAGE DISTRIBUTION OF CATTLE BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL (1988/89)

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 1 YEAR	6.53	8.60	15.13
1 YEAR, UNDER 2	4.60	6.53	11.13
2 YEARS, UNDER 3	4.08	5.71	9.79
3 YEARS, UNDER 4	3.82	6.60	10.42
4 YEARS AND OVER	21.81	31.72	53.53
ALL AGES	40.84	59.16	100.00

NUMBER OF SHEEP BY AGE AND SEX, PRIVATE HOLDINGS,
NATIONAL 1988/89

IN THOUSANDS

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 1 YEAR	1375.53	1595.99	2971.52
1 YEAR AND OVER	933.02	4933.90	5866.92
ALL AGES	2308.55	6529.89	8838.44

TABLE 30

PERCENTAGE DISTRIBUTION OF SHEEP BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 1 YEAR	15.56	18.06	33.62
1 YEAR AND OVER	10.56	55.82	66.38
ALL AGES	26.12	73.88	100.00

TABLE 31

NUMBER OF GOATS BY AGE AND SEX, PRIVATE HOLDINGS,
NATIONAL 1988/89

IN THOUSANDS

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 1 YEAR	868.05	1085.33	1953.38
1 YEAR AND OVER	720.15	2422.84	3142.99
ALL AGES	1588.20	3508.17	5096.37

TABLE 32

PERCENTAGE DISTRIBUTION OF GOATS BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 1 YEAR	17.03	21.30	38.33
1 YEAR AND OVER	14.13	47.54	61.67
ALL AGES	31.16	68.84	100.00

TABLE 33

NUMBER OF HORSES BY AGE AND SEX, PRIVATE HOLDINGS,
NATIONAL 1988/89

IN THOUSANDS

AGE GROUP	1988/89		TOTAL
	MALE	FEMALE	
UNDER 3 YEARS	114.96	125.02	239.98
3 YEARS AND OVER	407.37	437.52	844.89
ALL AGES	522.33	562.54	1084.87

TABLE 34

PERCENTAGE DISTRIBUTION OF HORSES BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		TOTAL
	MALE	FEMALE	
UNDER 3 YEARS	10.60	11.52	22.12
3 YEARS AND OVER	37.55	40.33	77.88
ALL AGES	48.15	51.85	100.00

TABLE 35

NUMBER OF ASSES BY AGE AND SEX, PRIVATE HOLDINGS,
NATIONAL 1988/89

AGE GROUP	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
UNDER 3 YEARS	221.53	261.23	482.76
3 YEARS AND OVER	562.21	878.99	1441.20
ALL AGES	783.74	1140.22	1923.96

TABLE 36

PERCENTAGE DISTRIBUTION OF ASSES BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
	UNDER 3 YEARS	.11.51	13.58
3 YEARS AND OVER	29.22	45.69	74.91
ALL AGES	40.74	59.26	100.00

TABLE 37

NUMBER OF CAMELS BY AGE AND SEX, PRIVATE HOLDINGS
NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 4 YEARS	8.24	5.81	14.05
4 YEARS AND OVER	11.07	12.85	23.92
ALL AGES	19.31	18.66	37.99

TABLE 38

PERCENTAGE DISTRIBUTION OF CAMELS BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
UNDER 4 YEARS	21.70	15.31	37.01
4 YEARS AND OVER	29.15	33.84	62.99
ALL AGES	50.85	49.15	100.00

TABLE 39

NUMBER OF MULES BY AGE AND SEX, PRIVATE HOLDINGS,
NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
ALL AGES	99.24	107.80	207.04

TABLE 40

PERCENTAGE DISTRIBUTION OF MULES BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
ALL AGES	47.93	52.07	100.00

TABLE 41

NUMBER OF POULTRY BY AGE AND SEX, PRIVATE HOLDINGS.
NATIONAL 1988/89

IN THOUSANDS

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
ALL AGES	12293.40	6229.91	18523.31

TABLE 42

PERCENTAGE DISTRIBUTION OF POULTRY BY AGE AND SEX,
PRIVATE HOLDINGS, NATIONAL 1988/89

AGE GROUP	1988/89		
	MALE	FEMALE	TOTAL
ALL AGES	66.37	33.63	100.00

TABLE 43

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, ARSSI 1988/89

TYPE	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	697.60	1001.34	1698.94
SHEEP	220.28	593.79	814.07
GOATS	71.62	169.29	240.91
HORSES	96.77	86.25	183.02
ASSES	54.42	73.15	127.57
CAMELS	0.00	0.00	0.00
MULES	7.25	6.34	13.59
TOTAL	1147.94	1930.16	3078.10
POULTRY	344.80	207.22	552.02
BEEHIVES	--	--	57.50

TABLE 44

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, ARSSI 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	22.66	32.53	55.19
SHEEP	7.16	19.29	26.45
GOATS	2.33	5.50	7.83
HORSES	3.14	2.80	5.95
ASSES	1.77	2.38	4.14
CAMELS	0.00	0.00	0.00
MULES	0.24	0.21	0.44
TOTAL	37.29	62.71	100.00
POULTRY	62.46	37.54	100.00
BEEHIVES	-	-	100.00

TABLE 45

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, BALE 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	323.98	576.10	900.08
SHEEP	55.08	143.39	198.47
GOATS	41.75	102.36	144.11
HORSES	34.27	28.75	63.02
ASSES	32.80	41.61	74.41
CAMELS	0.60	1.04	1.64
MULES	6.41	3.27	9.68
TOTAL	494.89	896.52	1391.41
POULTRY	97.92	78.85	176.77
BEEHIVES	-	-	133.81

TABLE 46

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, BALE 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	23.28	41.40	64.69
SHEEP	3.96	10.31	14.26
GOATS	3.00	7.36	10.36
HORSES	2.46	2.07	4.53
ASSES	2.36	2.99	5.35
CAMELS	0.04	0.07	0.11
MULES	0.46	0.24	0.70
TOTAL	35.57	64.43	100.00
POULTRY	55.39	44.61	100.00
BEEHIVES	-	-	100.00

TABLE 47

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX, AND
BEEHIVES, PRIVATE HOLDINGS, NORTH OMO 1988/89

TYPE	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	544.83	924.39	1469.22
SHEEP	121.45	370.94	492.39
GOATS	89.45	240.34	329.79
HORSES	19.86	17.22	37.08
ASSES	24.25	4.93	29.18
CAMELS	0.00	0.00	0.00
MULES	7.97	6.00	13.97
TOTAL	807.81	1563.82	2371.63
POULTRY	745.44	389.72	1135.16
BEEHIVES	-	-	139.74

TABLE 48

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, NORTH OMO 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	22.97	38.98	61.95
SHEEP	5.12	15.64	20.76
GOATS	3.77	10.13	13.91
HORSES	0.84	0.73	1.56
ASSES	1.02	0.21	1.23
CAMELS	0.00	0.00	0.00
MULES	0.34	0.25	0.59
TOTAL	34.06	65.94	100.00
POULTRY	65.67	34.33	100.00
BEEHIVES	--	-	100.00

TABLE 49

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, SOUTH OMO 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	24.51	29.05	53.56
SHEEP	4.17	15.83	20.00
GOATS	4.48	9.66	14.14
HORSES	1.47	1.03	2.50
ASSES	0.29	0.59	0.88
CAMELS	0.00	0.00	0.00
MULES	0.16	0.00	0.16
TOTAL	35.08	56.16	91.24
POULTRY	54.87	33.77	88.64
BEEHIVES	-	-	21.68

TABLE 50

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX,
POULTRY BY SEX AND BEEHIVES, PRIVATE HOLDINGS, SOUTH OMO 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	26.86	31.84	58.70
SHEEP	4.57	17.35	21.92
GOATS	4.91	10.59	15.50
HORSES	1.61	1.13	2.74
ASSES	0.32	0.65	0.96
CAMELS	0.00	0.00	0.00
MULES	0.18	0.00	0.18
TOTAL	38.45	61.55	100.00
POULTRY	61.90	38.10	100.00
BEEHIVES	-	-	100.00

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TABLE 51

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, EAST GOJAM 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	413.17	415.97	829.14
SHEEP	72.85	309.36	382.21
GOATS	25.29	70.70	95.99
HORSES	22.27	25.48	47.75
ASSES	31.13	68.89	100.02
CAMELS	0.00	0.00	0.00
MULES	2.51	0.96	3.47
TOTAL	567.22	891.36	1458.58
POULTRY	220.72	184.09	404.81
BEEHIVES	-	-	59.12

TABLE 52

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY
SEX AND BEEHIVES, PRIVATE HOLDINGS EAST GOJAM 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	28.33	28.52	56.85
SHEEP	4.99	21.21	26.20
GOATS	1.73	4.85	6.58
HORSES	1.53	1.75	3.27
ASSES	2.13	4.72	6.86
CAMELS	0.00	0.00	0.00
MULES	0.17	0.07	0.24
TOTAL	38.89	61.11	100.00
POULTRY	54.52	45.48	100.00
BEEHIVES	-	-	100.00

TABLE 53

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, WEST GOJAM 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	546.48	669.12	1215.60
SHEEP	96.32	357.80	454.12
GOATS	35.56	83.91	119.47
HORSES	37.48	53.96	91.44
ASSES	28.61	62.06	90.67
CAMELS	0.00	0.00	0.00
MULES	2.48	5.72	8.20
TOTAL	746.93	1232.57	1979.50
POULTRY	744.49	336.53	1081.02
BEEHIVES	-	-	126.68

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY
SEX AND BEEHIVES, PRIVATE HOLDINGS, WEST GOJAM 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	27.61	33.80	61.41
SHEEP	4.87	18.08	22.94
GOATS	1.80	4.24	6.04
HORSES	1.89	2.73	4.62
ASSES	1.45	3.14	4.58
CAMELS	0.00	0.00	0.00
MULES	0.13	0.29	0.41
TOTAL	37.73	62.27	100.00
POULTRY	71.87	31.13	100.00
BEEHIVES	-	-	100.00

TABLE 55

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, METEKEL 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	103.21	137.54	240.75
SHEEP	13.95	26.34	40.29
GOATS	19.54	40.69	60.23
HORSES	0.00	0.00	0.00
ASSES	11.31	8.15	19.46
CAMELS	0.00	0.00	0.00
MULES	0.24	1.07	1.31
TOTAL	148.25	213.79	362.04
POULTRY	203.13	87.92	291.05
BEEHIVES	-	-	48.91

TABLE 56

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, METEKEL 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	28.51	37.99	66.50
SHEEP	3.85	7.28	11.13
GOATS	5.40	11.24	16.64
HORSES	0.00	0.00	0.00
ASSES	3.12	2.25	5.37
CAMELS	0.00	0.00	0.00
MULES	0.07	0.30	0.36
TOTAL	40.95	59.05	100.00
POULTRY	69.79	30.21	100.00
BEEHIVES	-	-	100.00

TABLE 57

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, NORTH GONDER 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	215.77	229.87	445.64
SHEEP	8.33	38.66	46.99
GOATS	21.28	65.64	86.92
HORSES	6.65	4.38	11.03
ASSES	16.03	44.10	60.13
CAMELS	0.00	0.00	0.00
MULES	1.05	1.85	2.90
TOTAL	269.11	384.50	653.61
POULTRY	306.57	123.43	430.00
BEEHIVES	-	-	47.09

TABLE 58

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX
AND BEEHIVES, PRIVATE HOLDINGS, NORTH GONDER 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	33.01	35.17	68.18
SHEEP	1.27	5.91	7.19
GOATS	3.26	10.04	13.30
HORSES	1.02	0.67	1.69
ASSES	2.45	6.75	9.20
CAMELS	0.00	0.00	0.00
MULES	0.16	0.28	0.44
TOTAL	41.17	58.83	100.00
POULTRY	71.30	28.70	100.00
BEEHIVES	-	-	100.00

TABLE 59

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND BEEHIVES,
PRIVATE HOLDINGS, SOUTH GONDER 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	370.07	381.71	751.78
SHEEP	88.55	287.79	376.34
GOATS	51.33	118.81	170.14
HORSES	16.80	17.23	34.08
ASSES	25.79	64.18	89.97
CAMELS	0.00	0.00	0.00
MULES	5.29	3.09	8.38
TOTAL	557.83	872.86	1430.69
POULTRY	461.53	204.44	665.97
BEEHIVES	-	-	79.41

TABLE 60

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX,
POULTRY BY SEX AND BEEHIVES, PRIVATE HOLDINGS SOUTH GONDER 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	25.87	26.68	52.55
SHEEP	6.19	20.12	26.30
GOATS	3.59	8.30	11.89
HORSES	1.17	1.21	2.38
ASSES	1.80	4.49	6.29
CAMELS	0.00	0.00	0.00
MULES	0.37	0.22	0.59
TOTAL	38.99	61.01	100.00
POULTRY	69.30	30.70	100.00
BEEHIVES	-	-	100.00

TABLE 61

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, DIRE DAWA 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
MALE	FEMALE		
CATTLE	12.22	29.51	41.73
SHEEP	7.14	14.20	21.34
GOATS	17.49	35.31	52.80
HORSES	0.00	0.00	0.00
ASSES	3.54	2.87	6.41
CAMELS	2.22	3.30	5.52
MULES	0.05	0.15	0.20
TOTAL	42.66	85.34	128.00
POULTRY	22.69	16.27	38.96
BEEHIVES	-	-	0.45

TABLE 62

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, DIRE DAWA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	9.55	23.05	32.60
SHEEP	5.58	11.09	16.67
GOATS	13.66	27.59	41.25
HORSES	0.00	0.00	0.00
ASSES	2.77	2.24	5.01
CAMELS	1.73	2.58	4.31
MULES	0.04	0.12	0.16
TOTAL	33.33	66.67	100.00
POULTRY	58.24	41.76	100.00
BEEHIVES	-	-	100.00

TABLE 63

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, EAST HARARGHE 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
MALE	FEMALE		
CATTLE	280.96	467.83	748.79
SHEEP	43.47	112.79	156.26
GOATS	98.25	247.30	345.55
HORSES	1.02	4.76	5.78
ASSES	56.59	46.33	102.92
CAMELS	4.78	1.76	6.54
MULES	1.05	0.00	1.05
TOTAL	486.12	880.77	1366.89
POULTRY	289.35	234.21	523.56
BEEHIVES	-	-	49.94

TABLE 64

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX
AND BEEHIVES, PRIVATE HOLDINGS, EAST HARARGHE 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	20.55	34.23	54.78
SHEEP	3.18	8.25	11.43
GOATS	7.19	18.09	25.28
HORSES	0.07	0.35	0.42
ASSES	4.14	3.39	7.53
CAMELS	0.35	0.13	0.48
MULES	0.08	0.00	0.08
TOTAL	35.56	64.44	100.00
POULTRY	58.27	44.73	100.00
BEEHIVES	-	-	100.00

TABLE 65

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, WEST HARARGHE 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	251.59	352.78	604.37
SHEEP	26.86	69.91	96.77
GOATS	66.08	144.33	210.41
HORSES	0.23	1.10	1.33
ASSES	45.69	41.09	86.78
CAMELS	3.57	10.84	14.41
MULES	0.47	0.00	0.47
TOTAL	394.49	620.05	1014.54
POULTRY	492.13	218.06	710.19
BEEHIVES	-	-	59.91

TABLE 66

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, WEST HARARGHE 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	24.80	34.77	59.57
SHEEP	2.65	6.89	9.54
GOATS	6.51	14.23	20.74
HORSES	0.02	0.11	0.13
ASSES	4.50	4.05	8.55
CAMELS	0.35	1.07	1.42
MULES	0.05	0.00	0.05
TOTAL	38.88	61.12	100.00
POULTRY	69.30	30.70	100.00
BEEHIVES	-	-	100.00

TABLE 67

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, GAMBELLA 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	6.07	10.79	16.86
SHEEP	2.23	4.41	6.64
GOATS	4.41	11.57	15.98
HORSES	0.00	0.00	0.00
ASSES	0.47	0.08	0.55
CAMELS	0.00	0.00	0.00
MULES	0.22	0.00	0.22
TOTAL	13.40	26.85	40.25
POULTRY	82.77	33.14	115.91
BEEHIVES	-	-	8.36

TABLE 68

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, GAMBELLA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	15.08	26.81	41.88
SHEEP	5.54	10.96	16.50
GOATS	10.96	28.75	39.70
HORSES	0.00	0.00	0.00
ASSES	1.17	0.20	1.37
CAMELS	0.00	0.00	0.00
MULES	0.55	0.00	0.55
TOTAL	33.29	36.71	100.00
POULTRY	71.41	28.59	100.00
BEEHIVES	-	--	100.00

TABLE 69

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, ILLUBABOR 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	500.35	589.05	1089.40
SHEEP	91.74	256.99	348.73
GOATS	31.23	112.41	143.64
HORSES	24.97	25.60	50.57
ASSES	12.53	6.21	18.74
CAMELS	0.00	0.00	0.00
MULES	6.81	10.30	17.11
TOTAL	667.63	1000.56	1668.19
POULTRY	676.39	386.96	1063.35
BEEHIVES	-	-	571.26

TABLE 70

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, ILLUBABOR 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	29.99	35.31	65.30
SHEEP	5.50	15.41	20.91
GOATS	1.87	6.74	8.61
HORSES	1.50	1.53	3.03
ASSES	0.75	0.37	1.12
CAMELS	0.00	0.00	0.00
MULES	0.41	0.62	1.03
TOTAL	40.02	59.98	100.00
POULTRY	63.61	36.39	100.00
BEEHIVES	-	-	100.00

TABLE 71

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, KEFFA 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	168.28	263.88	432.16
SHEEP	43.92	113.70	157.62
GOATS	36.20	67.66	103.86
HORSES	6.86	9.28	16.14
ASSES	0.84	0.00	0.84
CAMELS	0.00	0.00	0.00
MULES	2.93	0.00	2.93
TOTAL	259.03	454.52	713.55
POULTRY	595.52	345.71	941.23
BEEHIVES	-	-	344.34

TABLE 72

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, KEFFA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	23.58	36.98	60.56
SHEEP	6.16	15.93	22.09
GOATS	5.07	9.48	14.56
HORSES	0.96	1.30	2.26
ASSES	0.12	0.00	0.12
CAMELS	0.00	0.00	0.00
MULES	0.41	0.00	0.41
TOTAL	36.30	63.70	100.00
POULTRY	65.27	36.73	100.00
BEEHIVES	-	-	100.00

TABLE 73

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, ADDIS ABABA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	207.15	236.10	443.25
SHEEP	51.66	105.99	157.65
GOATS	8.38	17.50	25.88
HORSES	14.89	12.57	27.46
ASSES	35.74	26.29	62.03
CAMELS	0.11	0.00	0.11
MULES	1.74	1.95	3.69
TOTAL	319.67	400.40	720.07
POULTRY	90.96	111.97	202.93
BEEHIVES	-	-	67.53

TABLE 74

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, ADDIS ABABA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	28.77	32.79	61.56
SHEEP	7.17	14.72	21.89
GOATS	1.16	2.43	3.59
HORSES	2.07	1.75	3.82
ASSES	4.96	3.65	8.61
CAMELS	0.02	0.00	0.02
MULES	0.24	0.27	0.51
TOTAL	44.39	55.61	100.00
POULTRY	44.82	55.18	100.00
BEEHIVES	--	--	100.00

TABLE 75

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, EAST SHOS 1988/89

TYPE	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	218.98	179.52	398.50
SHEEP	36.25	55.10	91.35
GOATS	66.12	98.16	164.28
HORSES	2.11	0.69	2.80
ASSES	43.95	57.66	101.61
CAMELS	0.00	0.00	0.00
MULES	2.75	0.58	3.33
TOTAL	370.16	391.71	761.87
POULTRY	225.70	118.72	344.42
BEEHIVES	--	-	4.80

TABLE 76

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, EAST SHOA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	28.74	23.56	52.30
SHEEP	4.56	7.23	11.99
GOATS	8.68	12.88	21.56
HORSES	0.28	0.09	0.37
ASSES	5.77	7.57	13.34
CAMELS	0.00	0.00	0.00
MULES	0.36	0.08	0.44
TOTAL	48.59	51.41	100.00
POULTRY	65.53	34.47	100.00
BEEHIVES	-	-	100.00

TABLE 77

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, NORTH SHOA 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	657.19	566.47	1223.66
SHEEP	298.09	767.82	1065.91
GOATS	184.56	265.19	449.75
HORSES	19.93	20.88	40.81
ASSES	89.21	138.63	227.84
CAMELS	0.00	0.00	0.00
MULES	5.30	8.26	13.56
TOTAL	1254.28	1767.25	3021.53
POULTRY	873.15	456.00	1329.15
BEEHIVES	-	-	73.28

TABLE 78

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, NORTH SHOA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	21.75	18.75	40.50
SHEEP	9.87	25.41	35.28
GOATS	6.11	8.78	14.88
HORSES	0.66	0.69	1.35
ASSES	2.95	4.59	7.54
CAMELS	0.00	0.00	0.00
MULES	0.18	0.27	0.45
TOTAL	41.51	58.49	100.00
POULTRY	65.69	34.31	100.00
BEEHIVES	-	-	100.00

TABLE 79

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX,
AND BEEHIVES, PRIVATE HOLDINGS, SOUTH SHOA 1988/89

TYPE	IN THOUSANDS		
	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	928.92	1529.35	2458.27
SHEEP	139.33	296.48	435.81
GOATS	200.50	400.78	601.28
HORSES	42.22	34.83	77.05
ASSES	90.13	162.35	252.48
CAMELS	0.00	0.00	0.00
MULES	10.71	11.64	22.35
TOTAL	1411.81	2435.43	3847.24
POULTRY	1986.96	757.45	2744.41
BEEHIVES	-	-	214.79

TABLE 80

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, SOUTH SHOA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	24.15	39.75	63.90
SHEEP	3.62	7.71	11.33
GOATS	5.21	10.42	15.63
HORSES	1.10	0.91	2.00
ASSES	2.34	4.22	6.56
CAMELS	0.00	0.00	0.00
MULES	0.28	0.30	0.58
TOTAL	36.70	63.30	100.00
POULTRY	72.40	27.60	100.00
BEEHIVES	-	-	100.00

TABLE 81

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, WEST SHOA, 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	635.63	1157.11	1792.74
SHEEP	96.25	270.16	366.41
GOATS	31.31	84.13	115.44
HORSES	53.19	59.24	112.43
ASSES	21.46	39.30	60.76
CAMELS	0.00	0.00	0.00
MULES	1.51	4.41	5.92
TOTAL	839.35	1614.35	2453.70
POULTRY	581.27	304.59	885.86
BEEHIVES	-	--	160.35

TABLE 82

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX,
POULTRY BY SEX AND BEEHIVES, PRIVATE HOLDINGS, WEST SHOA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	25.90	47.16	73.06
SHEEP	3.92	11.01	14.93
GOATS	1.28	3.43	4.71
HORSES	2.17	2.41	4.58
ASSES	0.87	1.60	2.48
CAMELS	0.00	0.00	0.00
MULES	0.06	0.18	0.24
TOTAL	34.21	65.79	100.00
POULTRY	65.62	34.38	100.00
BEEHIVES	-	-	100.00

TABLE 83

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, BORENA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	125.56	236.25	361.81
SHEEP	36.94	76.24	113.18
GOATS	59.86	143.13	202.99
HORSES	5.92	4.09	10.01
ASSES	9.88	6.98	16.86
CAMELS	1.63	1.11	2.74
MULES	1.83	1.38	3.21
TOTAL	241.62	469.18	710.80
POULTRY	84.86	47.08	131.94
BEEHIVES	-	-	43.48

TABLE 84

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, BORENA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	17.66	33.24	50.90
SHEEP	5.20	10.73	15.92
GOATS	8.42	70.14	28.56
HORSES	0.83	0.58	1.41
ASSES	1.39	0.97	2.37
CAMELS	0.23	0.16	0.39
MULES	0.26	0.19	0.45
TOTAL	33.99	66.01	100.00
POULTRY	64.32	35.68	100.00
BEEHIVES	100.00

TABLE 85

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, SIDAMO 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	615.83	1772.55	2388.38
SHEEP	114.79	343.57	458.36
GOATS	140.18	351.53	491.71
HORSES	71.88	79.48	151.36
ASSES	34.47	56.14	90.61
CAMELS	0.00	0.00	0.00
MULES	3.14	4.31	7.45
TOTAL	980.29	2607.58	3587.87
POULTRY	811.62	410.92	1222.54
BEEHIVES	-	-	177.80

TABLE 86

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, SIDAMO 1988/89

TYPE	1988/89		
	MALE	FMELAE	TOTAL
CATTLE	17.16	49.40	66.57
SHEEP	3.20	9.58	12.78
GOATS	3.91	9.80	13.70
HORSES	2.00	2.22	4.22
ASSES	0.96	1.56	2.52
CAMELS	0.00	0.00	0.00
MULES	0.09	0.12	0.21
TOTAL	27.32	72.68	100.00
POULTRY	66.39	33.61	100.00
BEEHIVES	-	-	100.00

TABLE 87

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX, AND
BEEHIVES, PRIVATE HOLDINGS, ASSOSA 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	53.99	81.43	135.42
SHEEP	9.00	27.35	36.35
GOATS	7.88	19.69	27.57
HORSES	0.00	0.00	0.00
ASSES	5.64	6.06	11.70
CAMELS	0.36	0.27	0.63
MULES	0.27	0.60	0.87
TOTAL	77.14	135.40	212.54
POULTRY	158.56	73.97	232.53
BEEHIVES	-	-	57.05

TABLE 88

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, ASSOSA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	25.40	38.31	63.72
SHEEP	4.23	12.87	17.10
GOATS	3.71	9.26	12.97
HORSES	0.00	0.00	0.00
ASSES	2.65	2.85	5.50
CAMELS	0.17	0.13	0.30
MULES	0.13	0.28	0.41
TOTAL	36.29	63.71	100.00
POULTRY	68.19	31.81	100.00
BEEHIVES	-	-	100.00

TABLE 89

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, WELLEGA 1988/89

TYPE	IN THOUSANDS		
	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	400.60	529.48	930.08
SHEEP	50.88	155.25	206.13
GOATS	22.47	61.49	83.96
HORSES	3.87	2.11	5.98
ASSES	18.40	24.26	42.66
CAMELS	0.72	0.00	0.72
MULES	1.79	4.23	6.02
TOTAL	498.73	776.82	1275.55
POULTRY	708.91	329.84	1038.75
BEEHIVES	-	-	325.71

TABLE 90

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, WELLEGA 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	31.41	41.51	72.92
SHEEP	3.99	12.17	16.16
GOATS	1.76	4.82	6.58
HORSES	0.30	0.17	0.47
ASSES	1.44	1.90	3.34
CAMELS	0.06	0.00	0.06
MULES	0.14	0.33	0.47
TOTAL	39.10	60.90	100.00
POULTRY	68.25	31.75	100.00
BEEHIVES	-	-	100.00

TABLE 91

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND
BEEHIVES, PRIVATE HOLDINGS, NORTH WOLLO 1988/89

IN THOUSANDS

TYPE	1988/89		TOTAL
	MALE	FEMALE	
CATTLE	282.38	318.61	600.99
SHEEP	225.54	703.30	928.84
GOATS	99.74	208.13	307.87
HORSES	19.50	37.32	56.82
ASSES	31.05	57.58	88.63
CAMELS	0.00	0.00	0.00
MULES	4.23	8.78	13.01
TOTAL	662.44	1333.72	1996.16
POULTRY	552.33	246.86	799.19
BEEHIVES	--	--	46.00

TABLE 92

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, NORTH WOLLO 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	14.15	15.96	30.11
SHEEP	11.30	35.23	46.53
GOATS	5.00	10.43	15.42
HORSES	0.98	1.87	2.85
ASSES	1.56	2.88	4.44
CAMELS	0.00	0.00	0.00
MULES	0.21	0.44	0.65
TOTAL	33.19	66.81	100.00
POULTRY	69.11	30.89	100.00
BEEHIVES	-	-	100.00

TABLE 93

NUMBER OF LIVESTOCK BY TYPE AND SEX, POULTRY BY SEX AND BEEHIVES,
PRIVATE HOLDINGS, SOUTH WOLLO 1988/89

IN THOUSANDS

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	512.15	493.49	1005.64
SHEEP	353.48	1012.73	1366.21
GOATS	153.24	338.46	491.70
HORSES	20.17	36.24	56.41
ASSES	59.52	100.73	160.25
CAMELS	5.32	0.34	5.66
MULES	21.08	22.91	43.99
TOTAL	1124.96	2004.90	3129.86
POULTRY	880.76	492.19	1372.95
BEEHIVES	-	-	107.67

TABLE 94

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX, POULTRY
BY SEX AND BEEHIVES, PRIVATE HOLDINGS, SOUTH WOLLO 1988/89

TYPE	1988/89		
	MALE	FEMALE	TOTAL
CATTLE	16.36	15.77	32.13
SHEEP	11.29	32.36	43.65
GOATS	4.90	10.81	15.71
HORSES	0.64	1.16	1.80
ASSES	1.90	3.22	5.12
CAMELS	0.17	0.01	0.18
MULES	0.67	0.73	1.41
TOTAL	35.94	64.06	100.00
POULTRY	64.15	35.85	100.00
BEEHIVES	-	-	100.00