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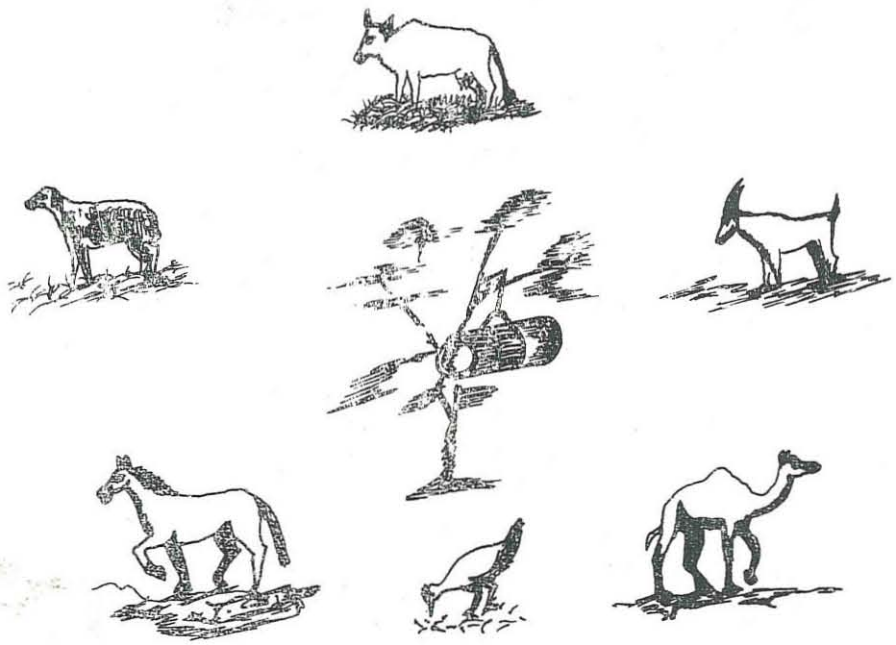
AGRICULTURAL SAMPLE SURVEY

1989/90 (1982 E.C)

REPORT ON

LIVESTOCK, POULTRY & BEEHIVES POPULATION

(PRIVATE, CO-OPERATIVE AND STATE FARMS)



ADDIS ABABA

APRIL 1992

2/6 ACC0001654

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1. 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 a significant amount to the livelihood of the rural population in terms of the daily food consumption and supplementary cash income of 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 contains data on livestock, poultry and beehives population for 1989/90 (1982 E.C) which are obtained through the Annual Agricultural Sample Survey conducted by Central Statistical Authority in 1989/90.

2. OBJECTIVE

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.

3. COVERAGE

The 1989/90 Agricultural Sample Survey was launched in 24 Administrative and one Autonomous Regions excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and nomadic areas.

Information were collected from the sampled 735 Farmers' Associations (FAS). The population of the survey were private peasant holdings, cooperatives and state farms. Regarding producers cooperatives and state farms, data were collected from all producers cooperatives and state farms in the country excluding Eritrea, Tigray, Asab and Ogaden Autonomous Regions. However, in North Wollo the survey was not conducted in 1989/90. Hence, regional estimates of North Wollo for livestock, poultry and beehive population were obtained by using regression and growth models on time series data. Thus, the estimated results of North Wollo were added to national tables of the private sector.

.../

4. 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 1990 for the survey conducted in 1989/90.

In each selected Farmers' Association, a fresh list of all households was prepared and then agricultural households were identified from the list of the household. From this list, 25 agricultural households were selected using systematic random sampling. Thus, information related to livestock, poultry and beehives were collected by interviewing the sampled holders within the selected households. In the case of co-operatives and state farms, information were gathered by interviewing the respective heads or representatives of each organisation.

5. SUMMARY OF THE RESULTS

5.1 Livestock, Poultry and Beehives

As shown in Table 1, the estimate of livestock population of all holdings (private, cooperatives and state farms) in Ethiopia, excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and nomadic areas was about 41 million heads in 1989/90. Poultry population which includes only cocks, cockerels, hens, pullets and chicks was estimated to be 21 million heads. As all chicks were considered as males, the ratio of male to female poultry was 156:100.

The result of this survey also indicates that the private peasant sector has a share of over 99 percent in the total livestock population. Table 2 presents the estimated population of livestock, poultry and beehives in the private peasant holding. As indicated in this table, cattle population accounts for 55 percent of the total livestock while sheep and goats account for about 23 and 14 percent, respectively. The remaining are draft animals.

Table:-1 Number and Percentage Distribution of Livestock, Poultry and Beehives Population by Type and Sex For All Holdings National* 1989/90 (1982 E.C.)

NUMBER IN THOUSANDS

TYPE	SEX	PRIVATE HOLDINGS		CO-OPERATIVES		STATE FARMS		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
Cattle	Male	9564.47	98.08	187.94	1.93	3.70	0.04	9756.11	100.00
	Female	12725.77	99.75	26.85	0.21	4.89	0.04	12757.51	100.00
	Both	22290.24	99.01	214.79	0.95	8.59	0.04	22513.62	100.00
Sheep	Male	2885.93	96.93	2.88	0.10	88.56	2.97	2977.37	100.00
	Female	6576.66	99.79	8.93	0.14	4.59	0.07	6590.18	100.00
	Both	9462.59	98.91	11.81	0.12	93.15	0.97	9567.55	100.00
Goats	Male	1943.00	98.98	-	-	19.99	1.02	1962.99	100.00
	Female	3742.76	100.00	-	-	-	-	3742.76	100.00
	Both	5685.76	99.65	-	-	19.99	0.35	5705.75	100.00
Horses	Male	558.57	99.83	0.96	0.17	-	-	559.53	100.00
	Female	539.17	99.92	0.43	0.08	-	-	539.60	100.00
	Both	1097.74	99.87	1.39	0.13	-	-	1099.13	100.00
Asses	Male	768.69	99.54	3.56	0.46	-	-	772.25	100.00
	Female	1011.40	99.69	3.11	0.31	-	-	1014.51	100.00
	Both	1780.09	99.63	6.67	0.37	-	-	1786.76	100.00
Camels	Male	17.97	99.83	0.03	0.17	-	-	18.00	100.00
	Female	13.41	100.00	0.00	0.00	-	-	13.41	100.00
	Both	31.38	99.90	0.03	0.10	-	-	31.41	100.00
Mules	Male	89.15	99.97	0.03	0.03	-	-	89.18	100.00
	Female	97.06	99.96	0.04	0.04	-	-	97.10	100.00
	Both	186.21	99.96	0.07	0.04	-	-	186.28	100.00
Pigs	Male	0.38	44.44	-	-	0.50	55.56	0.90	100.00
	Female	-	-	-	-	3.82	100.00	3.82	100.00
	Both	0.38	8.47	-	-	4.32	91.53	4.72	100.00
Total	Male	15828.16	98.09	195.40	1.21	112.75	0.70	16136.31	100.00
	Female	24706.23	99.79	39.36	0.16	13.30	0.05	24758.89	100.00
	Both	40534.39	99.12	234.76	0.57	126.05	0.31	40895.20	100.00
Poultry	Male	12889.27	100.00	-	-	0.43	0.00	12889.70	100.00
	Female	8112.06	98.53	-	-	121.17	1.47	8233.23	100.00
	Both	21001.33	99.42	-	-	121.60	0.58	21122.93	100.00
Beehives		3366.67	99.61	13.23	0.39	-	-	3379.90	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonoums Regions and Nomadic Areas.

- Not Reported

0.00 -not Significant

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE, ALL HOLDINGS, NATIONAL 1989/90.

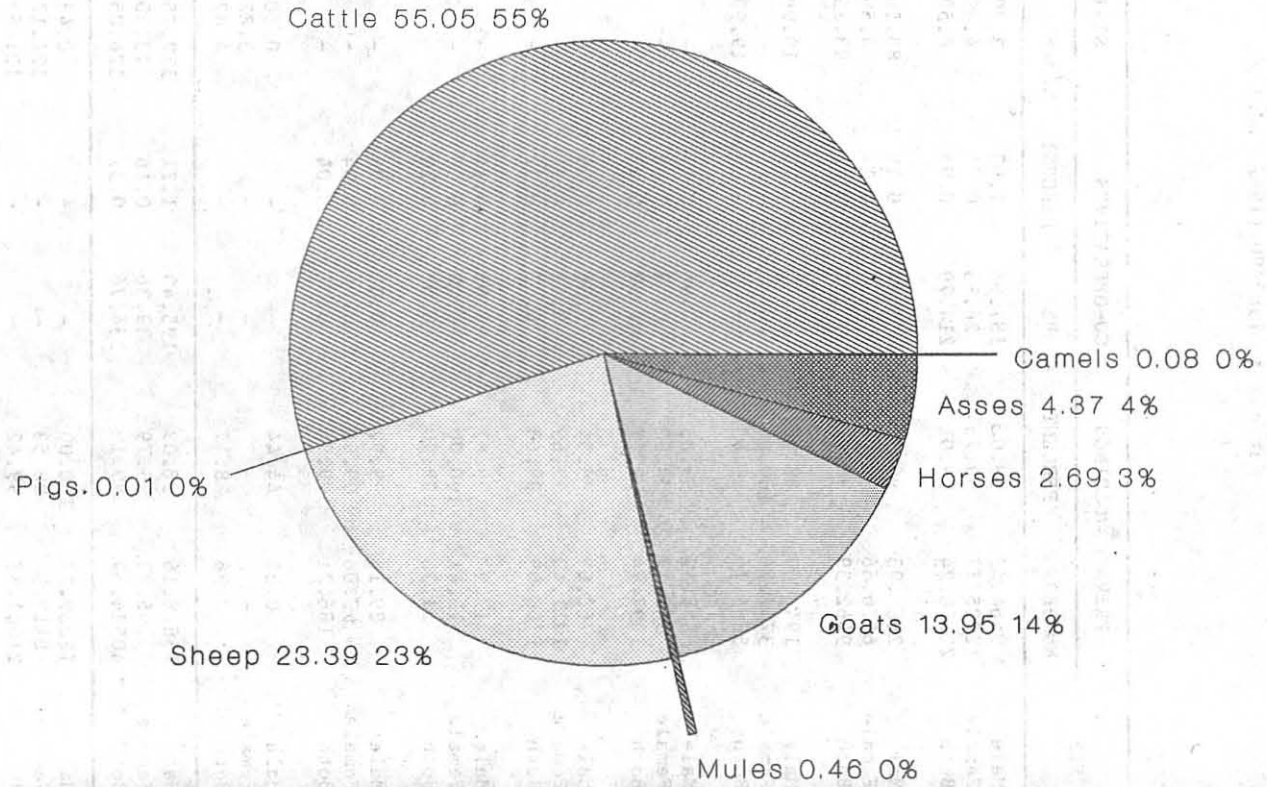


Fig.1

Table 2. Number and Percentage Distribution of Livestock, Poultry and Beehives Population by Type and Sex, for Private Holdings, National* 1989/90 (1982 E.C.)

Number in Thousands

Type	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Cattle	9564.47	23.60	12725.77	31.40	22290.24	54.99
Sheep	2885.93	7.12	6576.66	16.23	9462.59	23.35
Goats	1943.00	4.79	3742.76	9.23	5685.76	14.03
Horses	558.57	1.38	539.17	1.33	1097.74	2.71
Asses	768.69	1.90	1011.40	2.50	1780.09	4.39
Camels	17.97	0.04	13.41	0.03	31.38	0.08
Mules	89.15	0.22	97.06	0.24	186.21	0.46
Pigs	0.38	0.00	-	-	0.38	0.00
Total	15828.16	39.05	24706.23	60.95	40534.39	100.00
Poultry	12889.27	61.37	8112.06	38.63	21001.33	100.00
Beehives	-	-	-	-	3366.67	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas.

Table 3. Percentage Change of Livestock, Poultry and Beehives Population in Years 1988/89 and 1989/90 by Type, for Private Holdings, National* , 1989/90 (1982 E.C.)

Number in Thousands

Type	1988/89 (1981 E.C.)	1989/90 (1982 E.C.)	Percentage change during last 12 month
Cattle	22276.76	22290.24	+ 0.06
Sheep	8838.44	9462.59	+ 7.06
Goats	5096.37	5685,76	+11.56
Horses	1084.87	1097.74	+ 1.18
Asses	1923.96	1780.09	- 7.48
Camels	37.86	31.38	-17.11
Mules	207.04	186.21	- 9.97
Pigs	-	0.38	-
TOTAL	39463.30	40534.39	+ 2.70
Poultry	18523.31	21001.33	+13.38
Beehives	3026.61	3366.67	+11.24

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas.

Percentage Distribution of Livestock by Type, Private Holdings National 1989/90

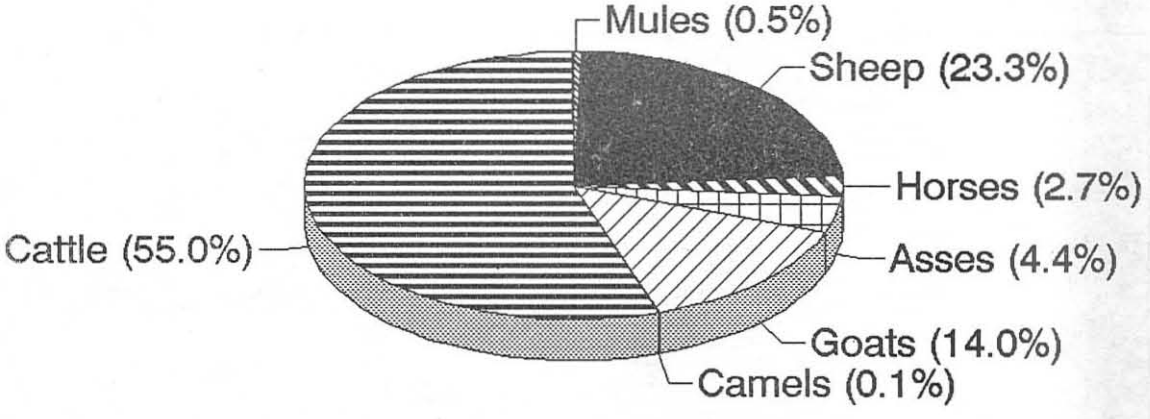


Fig 2

Table 3 presents the percentage change of livestock population of the private holding in 1988/89 and 1989/90. The data indicates, on the average, an increase of 1.1 million heads (2.7 percent) in 1989/90. One may observe a significant increase in goats population (11.5 percent). On the other hand, the population of draught animals except that of horses showed substantial decreases in 1989/90 compared to the previous year under investigation. The number of poultry and beehives appeared to increase by 13.4 percent and 11.2 percent in 1989/90, respectively.

Table 4. Number and Percentage Distribution of Livestock, Poultry and Beehives Population by Sex and Type for Co-operatives, National* 1989/90 (1982 E.C.)

Number in Thousands

Type	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Cattle	187.94	80.06	26.85	11.44	214.79	91.50
Sheep	2.88	1.23	8.93	3.80	11.81	5.03
Goats	-	-	-	-	-	-
Horses	0.96	0.41	0.43	0.18	1.39	0.59
Asses	3.56	1.52	3.11	1.32	6.67	2.84
Camels	0.03	0.01	0.00	0.00	0.03	0.01
Mules	0.03	0.01	0.04	0.02	0.07	0.03
Total	195.40	83.24	39.36	16.76	234.76	100.00
Poultry	-	-	-	-	-	-
Beehives	-	-	-	-	13.23	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas.

For co-operative holding, the percentage change of the total livestock population showed a decrease of about 88 thousand heads or 27.3 percent in 1989/90. However, in 1989/90 survey, goats and poultry were not reported. On the other hand, the number of beehives showed an increase of 47.2 percent in 1989/90 (see Table 4 and 5).

Table 6 presents the estimated population of livestock and poultry in the state farms. It is observed that the first and second positions were held by sheep and goats. As given in Table 7 the percentage change of the total livestock population showed an increase of 22 percent in 1989/90. The number of sheep showed a substantial increase while that of poultry decreased by 36 percent in 1989/90.

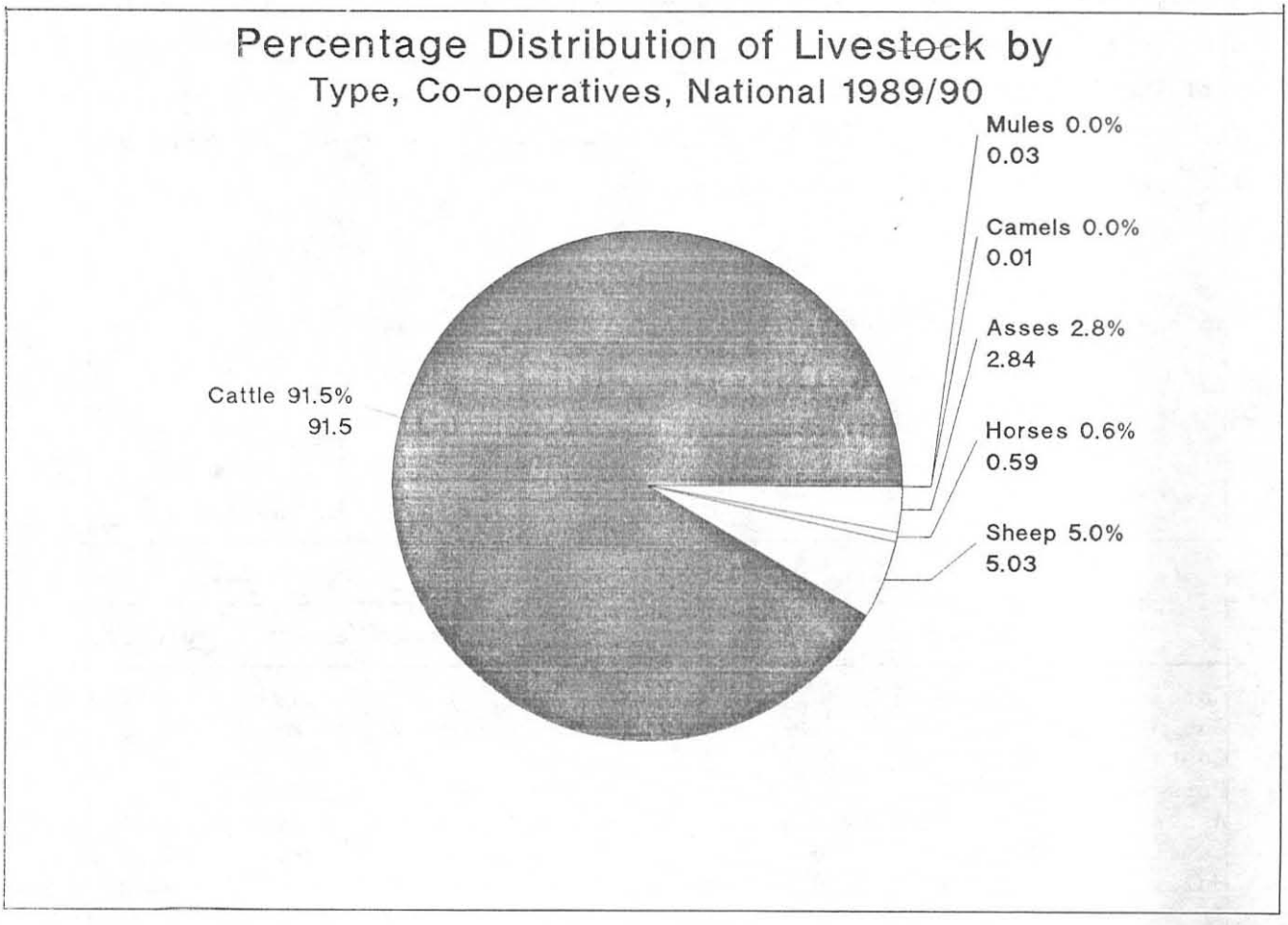

Percentage Distribution of Livestock by
Type, Co-operatives, National 1989/90
Mules 0.0%
0.03
Camels 0.0%
0.01
Asses 2.8%
2.84
Horses 0.6%
0.59
Sheep 5.0%
5.03
Cattle 91.5%
91.5

Fig 3

Table 5. Percentage change of Livestock, Poultry and Beehives Population in years 1988/89 and 1989/90 by Type, For Co-operatives, National* 1989/90 (1982 E.C.)

Number in Thousands

Type	1988/89 (1981 E.C.)	1989/90 (1982 E.C.)	Percentage change during last 12 months
Cattle	287.72	214.79	- 25.35
Sheep	21.39	11.81	- 44.79
Goats	2.09	-	-100.00
Horses	3.45	1.39	- 60.00
Asses	7.70	6.67	- 13.38
Camels	-	-	-
Mules	0.70	0.07	- 90.00
TOTAL	323.05	234.72	- 27.34
Poultry	2340.00	-	-100.00
Beehives	8.99	13.23	+ 47.16

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas.

Table 6. Number and Percentage Distribution of Livestock and Poultry Population by Sex and Type for State Farms, National* 1989/90 (1982 E.C.)

Number in Thousnads

Type	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Cattle	3.70	2.93	4.89	3.88	8.59	6.81
Sheep	88.56	70.26	4.59	3.64	39.15	73.90
Goats	19.99	15.86	-	-	19.99	15.86
Pigs	0.50	0.40	3.82	3.03	4.32	3.43
Total	112.75	89.45	13.30	11.93	126.05	100.00
Poultry	0.43	0.35	121.17	99.65	121.60	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas.

Percentage Distribution of Livestock by Type, State Farms, National 1989/90

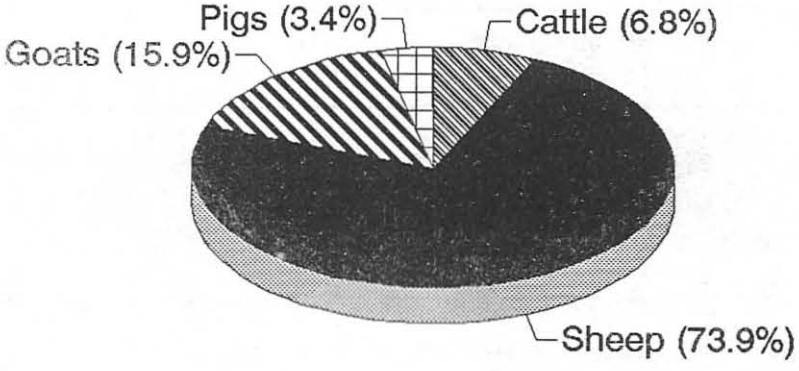


Fig 4

Table 7. Percentage Change of Livestock and Poultry Population in Years 1988/89 and 1989/90 by Type, for State Farms, National* 1989/90 (1982 E.C.)

Number in Thousands

Type	1988/89 (1981 E.C.)	1989/90 (1982 E.C.)	Percentage change during last 12 months
Cattle	15.86	8.59	- 54.84
Sheep	26.54	93.15	+250.98
Goats	10.59	19.99	+ 88.76
Pigs	3.88	4.32	+ 11.34
Total	56.87	126.05	+121.64
Poultry	191.57	121.60	- 36.52

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas.

5.2 Distribution of Livestock, Poultry and Beehives by Region in the Private Holdings

5.2.1 Cattle

As shown in Table 8, cattle population was the highest in Sidamo 2.5 million heads (11.3 percent) followed by South Shoa 2.0 million heads (9.1 percent), West Shoa 1.8 million heads (8.1 percent) and Arsi 1.7 million heads (7.8 percent). While this was the lowest in Gambela 18.9 thousand heads (0.08 percent) followed by Dire dawa (0.19 percent) and South Omo (0.22 percent).

Table 8. Number and Percentage Distribution of CATTLE by Sex and Region, for Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	785.69	3.52	962.45	4.32	1748.14	7.84
Bale	337.56	1.51	600.85	2.69	938.41	4.21
North Omo	532.31	2.39	877.25	3.93	1409.56	6.32
South Omo	24.41	0.11	24.74	0.11	49.15	0.22
East Gojam	424.82	1.90	404.40	1.81	829.22	3.72
West Gojam	556.05	2.49	558.63	2.50	1114.67	5.00
Metekel	76.15	0.34	88.02	0.39	164.17	0.74
North Gondar	226.26	1.01	226.01	1.01	452.27	2.03
South Gondar	275.91	1.23	292.11	1.31	568.03	2.55
Dire Dawa	13.68	0.06	25.65	0.11	39.33	0.19
East Hararghe	306.49	1.37	448.48	2.01	754.96	3.39
West Hararghe	274.66	1.23	314.33	1.41	588.99	2.64
Gambela	7.35	0.03	11.50	0.05	18.85	0.08
Ilubabor	612.28	2.74	644.43	2.89	1256.71	5.64
Keffa	187.46	0.84	222.58	1.00	410.04	1.84
Addis Ababa	208.82	0.93	240.35	1.08	449.17	2.02
East Shoa	200.60	0.90	120.61	0.54	321.21	1.44
North Shoa	637.15	2.86	593.43	2.66	1230.58	5.52
South Shoa	834.84	3.74	1198.72	5.38	2033.55	9.12
West Shoa	674.23	3.02	1122.15	5.03	1796.38	8.06
Borena	159.48	0.71	282.24	1.26	441.72	1.98
Sidamo	652.86	2.93	1869.49	8.38	2522.35	11.32
Asosa	44.10	0.19	62.65	0.28	106.75	0.48
Wellega	679.99	3.05	677.58	3.04	1357.57	6.09
North Wollo*	228.72	1.02	255.02	1.14	483.74	2.17
South Wollo	602.62	2.70	602.10	2.70	1204.72	5.41
All Regions	9564.47	42.91	12725.77	57.09	22290.24	100.00

* Estimated by using regression models

5.2.2 Sheep

Sheep population was the highest in South Wollo (18.9 percent) followed by North Shoa (12.6 percent) and Arsi (10.1 percent) while this was the lowest in Gambela (0.11 percent) followed by Metekel (0.14 percent) and South Omo (0.21 percent) as it is shown in Table 9.

Table 9. Number and Percentage Distribution of SHEEP by Sex and Region, for Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	283.09	2.99	675.31	7.31	958.40	10.13
Bale	66.38	0.70	159.43	1.68	225.80	2.39
Norht Omo	148.90	1.57	382.50	4.04	531.40	5.62
South Omo	4.07	0.04	15.59	0.16	19.66	0.21
East Gojam	103.84	1.10	321.45	3.39	425.29	4.49
West Gojam	98.28	1.04	310.49	3.28	408.77	4.32
Metekel	4.50	0.05	8.88	0.09	13.38	0.14
North Gondar	4.58	0.05	20.26	0.21	24.84	0.26
South Gondar	51.61	0.54	188.19	1.99	239.80	2.53
Dire Dawa	11.05	0.11	19.56	0.20	30.61	0.32
East Hararghe	66.61	0.70	119.22	1.26	185.83	1.96
West Hararghe	28.90	0.30	53.94	0.57	82.84	0.88
Gambela	3.83	0.04	6.43	0.07	10.26	0.11
Illubabor	113.85	1.20	259.15	2.74	373.00	3.94
Keffa	72.72	0.77	139.34	1.47	212.06	2.24
Addis Ababa	43.74	0.46	97.24	1.02	140.98	1.49
East Shoa	20.40	0.21	38.18	0.40	58.58	0.67
North Shoa	399.02	4.21	794.70	8.40	1193.72	12.62
South Shoa	101.53	1.07	242.89	2.56	344.42	3.64
West Shoa	121.89	1.29	307.55	3.25	429.44	4.54
Borena	31.64	0.33	67.04	0.71	98.68	1.04
Sidamo	121.70	1.28	300.79	3.18	422.49	4.46
Asosa	16.63	0.17	46.00	0.48	62.63	0.66
Wellega	73.95	0.78	194.56	2.05	268.51	2.84
North Wollo*	229.14	2.42	684.24	7.23	913.38	9.66
South Wollo	664.08	7.02	1123.73	11.87	1787.81	18.89
All Regions	2885.93	30.50	6576.66	69.50	9462.59	100.00

* Estimated by using regression models

5.2.3 Goats

Table 10 shows that the goat population was the highest in Sidamo (12.6 percent) followed by South Wollo (11.8 percent) and South Shoa (10.7 percent). The lowest goat population was reported in Asosa followed by Gambela and South Omo.

Table 10. Number and Percentage Distribution of GOATS by Sex and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	98.93	1.74	173.52	3.05	272.45	4.80
Bale	51.02	0.90	135.61	2.38	186.63	3.29
North Omo	110.71	1.95	252.76	4.45	363.47	6.40
South Omo	13.36	0.23	21.41	0.38	34.77	0.61
East Gojam	48.31	0.85	85.03	1.49	133.34	2.35
West Gojam	31.71	0.56	59.72	1.05	91.43	1.61
Metekel	13.58	0.24	39.83	0.61	53.41	0.85
North Gondar	41.22	0.72	77.70	1.37	118.92	2.09
South Gondar	29.86	0.52	66.13	1.16	95.99	1.69
Dire Dawa	24.50	0.43	50.00	0.88	74.50	1.31
East Hararghe	111.56	1.96	266.12	4.68	377.68	6.65
West Hararghe	91.20	1.60	150.57	2.65	241.77	4.26
Gambela	6.91	0.12	18.49	0.32	25.40	0.45
Ilubabor	60.27	1.06	127.27	2.24	187.54	3.30
Keffa	25.34	0.44	63.58	1.12	88.92	1.57
Addis Ababa	21.68	0.38	27.49	0.48	49.17	0.87
East Shoa	47.23	0.83	69.74	1.22	116.97	2.06
North Shoa	161.61	2.84	232.35	4.09	393.96	6.93
South Shoa	245.08	4.31	361.31	6.36	606.39	10.67
West Shoa	73.48	1.29	116.19	2.04	189.67	3.34
Borena	88.36	1.55	184.53	3.25	272.89	4.80
Sidamo	221.48	3.90	491.34	8.65	712.82	12.55
Asosa	1.99	0.03	9.13	0.16	11.13	0.19
Wellega *	27.57	0.48	70.49	1.24	98.06	1.73
North Wollo	72.91	1.28	144.53	2.54	217.44	3.83
South Wollo	223.13	3.92	447.92	7.88	671.04	11.80
All Regions	1943.00	34.20	3742.76	65.80	5685.76	100.00

* Estimated by using regression models

5.2.4 Draught Animals

Regarding the population of horses, the highest number was reported in Arsi 199.3 thousand heads (18.16 percent) followed by Sidamo (10.9% percent) and West Shoa (10.7 percent) as it is shown in Table 11. However, in Metekel, Dire Dawa and Asosa the number of horses that were reported found to be insignificant and they were presented as zeros.

Table 11. Number and Percentage Distribution of HORSES by Sex and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	101.58	9.25	97.73	8.90	199.31	18.16
Bale	31.50	2.87	29.52	2.69	61.02	5.56
North Omo	14.50	1.32	10.76	0.98	25.26	2.30
South Omo	0.99	0.08	1.63	0.15	2.62	0.24
East Gojam	14.65	1.33	18.51	1.68	33.16	3.02
West Gojam	45.21	4.12	43.18	3.93	88.39	8.05
Metekel	0.00	0.00	0.00	0.00	0.00	0.00
North Gondar	1.72	0.15	1.00	0.09	2.72	0.25
South Gondar	19.37	1.76	9.74	0.88	29.11	2.65
Dire Dawa	0.00	0.00	0.00	0.00	0.00	0.00
East Hararghe	0.41	0.03	3.83	0.35	4.24	0.39
West Hararghe	1.27	0.11	1.25	0.11	2.52	0.23
Gambela	0.25	0.02	0.14	0.01	0.39	0.04
Ilubabor	24.41	2.22	26.66	2.43	51.07	4.65
Keffa	11.72	1.06	14.13	1.28	25.85	2.35
Addis Ababa	14.03	1.28	11.58	1.05	25.61	2.33
East Shoa	1.07	0.09	0.14	0.01	1.21	0.11
North Shoa	22.02	2.00	34.97	3.18	56.99	5.19
South Shoa	48.75	4.44	45.17	4.11	93.92	8.56
West Shoa	64.51	5.87	53.03	4.83	117.54	10.71
Borena	7.36	0.67	3.71	0.34	11.07	1.01
Sidamo	61.93	5.64	58.15	5.29	120.08	10.94
Asosa	0.00	0.00	0.00	0.00	0.00	0.00
Wellega	3.88	0.35	1.64	0.15	5.52	0.50
North Wollo*	17.90	1.63	31.73	2.89	49.63	4.52
South Wollo	49.54	4.51	40.97	3.73	90.51	8.24
All Regions	558.57	50.88	539.17	49.12	1097.74	100.00

* Estimated by using regression models

0.00 - Not significant

As shown in Table 12 the higest estimates of asses were reported in North Shoa (11.7 percent) while the lowest were reported in Gambela 0.03 percent).

Table 12. Number and Percentage Distribution of ASSES by Sex and Region, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Region	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	56.27	3.16	79.69	4.47	135.96	7.64
Bale	32.22	1.81	39.55	2.22	71.77	4.03
North Omo	23.53	1.32	8.02	0.45	31.55	1.77
South Omo	1.43	0.08	0.13	0.01	1.56	0.09
East Gojam	29.44	1.65	62.86	3.53	92.30	5.19
West Gojam	31.72	1.78	59.38	3.33	91.10	5.12
Metekel	4.46	0.25	5.92	0.33	10.38	0.58
North Gondar	14.67	0.82	41.42	2.32	56.09	3.15
South Gondar	10.68	0.60	39.53	2.22	50.21	2.82
Dire Dawa	4.42	0.25	2.74	0.15	7.16	0.40
East Hararghe	58.44	3.28	44.02	2.47	102.46	5.76
West Hararghe	41.31	2.32	37.38	2.10	78.69	4.42
Gambela	0.44	0.02	0.06	0.00	0.50	0.03
Ilubabor	17.71	1.00	8.10	0.45	25.81	1.45
Keffa	0.69	0.04	0.00	0.00	0.69	0.04
Addis Ababa	28.29	1.59	33.33	1.87	61.62	3.46
East Shoa	35.17	1.98	44.02	2.47	79.19	4.45
North Shoa	80.13	4.50	127.70	7.17	207.83	11.68
South Shoa	79.15	4.45	80.90	4.54	160.05	8.99
West Shoa	19.43	1.09	45.05	2.53	64.48	3.62
Borena	6.54	0.37	9.26	0.52	15.80	0.89
Sidamo	55.34	3.11	55.93	3.14	111.27	6.25
Asosa	3.67	0.20	5.85	0.33	9.52	0.53
Wellega	24.26	1.36	24.56	1.38	48.82	2.74
North Wollo*	28.77	1.62	45.18	2.54	73.95	4.15
South Wollo	80.51	4.52	110.82	6.22	191.33	10.75
All Regions	768.69	43.18	1011.40	56.82	1780.09	100.00

* Estimated by using regression models

0.00 = Not significant

The highest mule population was estimated in South Wollo (17.2 percent) and the lowest was in Dire Dawa (0.04 percent) as it is presented in Table 13.

Table 13. Number and Percentage Distribution of MULES by Sex and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	7.83	4.20	4.78	2.56	12.61	6.77
Bale	6.54	3.51	4.42	2.37	10.96	5.88
North Omo	6.40	3.46	4.66	2.50	11.06	5.93
South Omo	0.50	0.27	0.30	0.16	0.80	0.43
East Gojam	0.78	0.42	1.05	0.56	1.83	0.98
West Gojam	2.17	1.16	2.28	1.22	4.45	2.38
Metekel	0.11	0.06	0.35	0.18	0.46	0.25
North Gondar	0.16	0.08	1.67	0.89	1.83	0.98
South Gondar	4.28	2.29	4.82	2.59	9.10	4.88
Dire Dawa	0.04	0.02	0.03	0.01	0.07	0.04
East Hararghe	0.61	0.32	0.00	0.00	0.61	0.33
West Hararghe	0.02	0.11	0.80	0.43	0.82	0.54
Gambela	0.13	0.07	0.08	0.04	0.21	0.11
Ilubabor	6.32	3.39	14.02	7.52	20.34	10.91
Keffa	1.06	0.57	0.46	0.24	1.52	0.82
Addis Ababa	1.58	0.84	1.10	0.59	2.68	1.44
East Shoa	4.17	2.23	0.58	0.31	4.75	2.55
North Shoa	2.47	1.32	5.97	3.20	8.44	4.53
South Shoa	6.86	3.68	5.45	2.92	12.31	6.60
West Shoa	1.94	1.04	6.17	3.31	8.11	4.35
Borena	2.02	1.08	1.49	0.80	3.51	1.88
Sidamo	9.24	4.95	8.55	4.58	17.79	9.54
Asosa	0.00	0.00	0.18	0.09	0.18	0.10
Wellega	3.56	1.91	4.10	2.20	7.66	2.74
North Wollo*	4.35	2.33	7.79	4.18	12.14	4.12
South Wollo	16.01	8.59	15.96	8.56	31.97	17.15
All Regions	89.15	47.93	97.06	52.07	186.21	100.00

* Estimated by using growth model

0.00- Not significant

As it is presented in Table 14, among 26 Administrative Areas only six Administrative Areas reported camels. The total number of estimated camels were around 31 thousand heads in the survey areas. Out of these the highest number was reported in East Hararghe, i.e. around 10 thousand heads of camels (32 percent) followed by Borena which is around 8 thousand heads (27 percent).

Table 14 Number and Percentage Distrbution of CAMELS by Sex and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	-	-	-	-	-	-
Bale	0.42	1.34	0.21	3.85	1.63	5.19
North Omo	-	-	-	-	-	-
South Omo	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-
Metekel	-	-	-	-	-	-
North Gondar	-	-	-	-	-	-
South Gondar	-	-	-	-	-	-
Dire Dawa	2.83	9.02	2.34	7.45	5.17	16.47
East Hararghe	5.32	16.95	4.75	15.14	10.06	32.09
West Hararghe	2.02	6.43	2.02	6.43	4.03	12.86
Gambela	-	-	-	-	-	-
Ilubabor	-	-	-	-	-	-
Keffa	-	-	-	-	-	-
Addis Ababa	-	-	-	-	-	-
East Shoa	-	-	-	-	-	-
North Shoa	-	-	-	-	-	-
South Shoa	-	-	-	-	-	-
West Shoa	-	-	-	-	-	-
Borena	5.24	16.70	3.09	9.84	8.34	26.57
Sidamo	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Wellega	-	-	-	-	-	-
North Wollo	-	-	-	-	-	-
South Wollo	2.14	6.82	0.00	0.00	2.14	6.82
All Regions	17.97	57.27	13.41	42.73	31.38	100.00

- Not Reported

5.2.5 Poultry

Poultry population, as it is provided in Table 15, the highest was reported in South Wollo (11.7 percent) followed by South Shoa (11.0 percent). The poultry population was the lowest in Dire Dawa Autonomous Region (0.13 percent) followed by South Omo (0.39 percent).

Table 15. Number and Percentage Distrbution of POULTRY by Sex and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Male		Female		Both Sex	
	Number	Percent	Number	Percent	Number	Percent
Arsi	470.82	2.24	383.04	1.82	853.86	4.07
Bale	160.53	0.76	124.88	0.59	285.42	1.36
North Omo	518.12	2.46	383.40	1.82	901.52	4.29
South Omo	41.01	0.19	40.32	0.19	81.33	0.39
East Gojam	326.27	1.55	230.17	1.09	556.44	2.65
West Gojam	927.49	4.41	467.50	2.22	1394.99	6.46
Metekel	145.31	0.69	63.69	0.30	209.00	0.99
North Gondar	422.27	2.01	177.44	0.84	599.70	2.86
South Gondar	358.68	1.71	161.15	0.76	519.70	2.47
Dire Dawa	30.49	0.14	33.93	0.16	64.12	0.13
East Hararghe	493.21	2.35	416.41	1.98	909.62	4.33
West Hararghe	475.04	2.26	356.99	1.70	832.03	3.96
Gambela	76.03	0.36	42.83	0.20	118.86	0.57
Ilubabor	725.59	3.45	492.77	2.34	1218.36	5.80
Keffa	481.84	2.29	340.70	1.62	822.55	3.92
Addis Ababa	214.03	1.02	95.56	0.45	309.59	1.47
East Shoa	246.93	1.17	161.77	0.77	408.71	1.95
North Shoa	632.75	3.01	613.39	2.92	1246.14	5.93
South Shoa	1485.35	7.07	824.01	3.92	2309.37	11.00
West Shoa	563.05	2.68	379.03	1.80	942.08	4.49
Borena	108.56	0.52	90.20	0.43	198.75	0.95
Sidamo	1018.43	4.85	553.29	2.63	1571.72	7.48
Asosa	127.77	0.61	72.78	0.34	200.55	0.95
Wellega	811.59	3.86	373.63	1.78	1185.22	5.64
North Wollo *	557.58	2.65	250.30	1.19	807.88	3.85
South Wollo	1470.53	7.00	982.88	4.68	2453.42	11.68
All Regions	12889.27	61.37	8112.06	38.63	21001.33	100.00

* Estimated by using growth model

5.2.6 Beehives

As may be observed from Table 16 the number and percentage distribution of both traditional and modern beehives are presented. About 99 percent of the total beehives in the country were found to be the traditional type.

Regarding the regional distribution of beehives, the first, second and third positions were held by Ilubabor (24.7 percent), Keffa (11.6 percent) and Wellega (11.0 percent) respectively. The lowest number of beehives were reported in Dire Dawa and East Shoa.

Table 16 Number and Percentage Distribution of BEEHIVES by sex and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Traditional		Modern		Total	
	Number	Percent	Number	Percent	Number	Percent
Arsi	63.45	1.88	0.94	0.03	64.39	1.01
Bale	160.64	4.77	0.00	0.00	160.64	4.77
North Omo	132.43	3.93	0.00	0.00	132.43	3.93
South Omo	25.54	0.76	0.70	0.02	26.24	0.78
East Gojam	53.24	1.58	1.59	0.05	54.83	1.63
West Gojam	124.34	3.69	0.00	0.00	124.34	3.69
Metekel	40.83	1.21	0.00	0.00	40.83	1.21
North Gondar	50.48	1.50	0.00	0.00	50.48	1.50
South Gondar	34.00	1.01	0.00	0.00	34.00	1.01
Dire Dawa	0.93	0.03	0.00	0.00	0.93	0.03
East Hararghe	47.24	1.40	1.61	0.05	48.85	1.45
West Hararghe	53.78	1.59	0.00	0.00	53.78	1.60
Gambela	11.63	0.34	0.00	0.00	11.63	0.35
Ilubabor	812.28	24.12	19.14	0.57	831.42	24.70
Keffa	390.80	11.61	0.00	0.00	390.80	11.61
Addis Ababa	9.88	0.29	0.00	0.00	9.88	0.29
East Shoa	6.23	0.18	0.37	0.01	6.60	0.20
North Shoa	58.59	1.74	0.30	0.01	58.89	1.75
South Shoa	152.32	4.52	0.00	0.00	152.32	4.52
West Shoa	139.16	4.13	0.96	0.03	140.12	4.16
Borena	60.88	1.81	0.00	0.00	60.88	1.81
Sidamo	270.00	8.02	10.00	0.29	280.00	8.32
Asosa	74.01	2.19	1.09	0.03	75.10	2.23
Wellega	368.79	10.95	0.00	0.00	368.79	10.95
North Wollo *	51.98	0.01	0.00	0.00	51.98	1.54
South Wollo	135.91	4.03	0.61	0.02	136.52	4.06
All Regions	3329.36	98.89	37.31	1.11	3366.67	100.00

* Adopted from 1988/89 estimate

0.00 - Not Significant

5.3 Age Group and Breed

5.3.1 Age Group

The percentage distribution of livestock population by age and sex are presented in Tables 17 to 22.

As indicated in these tables about 70 percent of the total cattle were found to be in the age group of 2 years and over for private and co-operative holdings. Furthermore, the young stocks (i.e. under one year of age) were about 15 percent of the total cattle population for both sectors.

Table 17 Number and Percentage Distribution of CATTLE by Sex and Age, for Private and Co-operative Holdings, National,* 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	Private Holding		Co-operatives		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Male	9564.47	42.91	187.94	87.50	9752.41	43.34
Under 1	1513.44	6.79	2.74	1.28	1516.18	6.74
1 & Under 2	1470.58	6.60	2.63	1.22	1473.21	6.55
2 & Over	6580.45	29.52	182.57	85.00	6763.02	30.05
Total Female	12725.77	57.09	26.85	12.50	12752.62	56.66
Under 1	1892.41	8.49	3.27	1.52	1895.68	8.42
1 & Under 2	1846.86	8.28	2.49	1.16	1849.35	8.22
2 & Over	8986.50	40.32	21.09	9.82	9007.59	40.02
Total Cattle	22290.24	100.00	214.79	100.00	22505.03	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

In the case of sheep and goats about 53 percent and 50 percent of the total population were estimated to be in the age group of 2 years and over respectively. Similarly, on the average over 80 percent of horses and asses are found to be in the age group of 3 years and over.

Table 18 Number and Percentage Distribution of SHEEP by Sex and Age, for Private and Co-operative Holdings, National,* 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	Private Holding		Co-operatives		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Male	2885.93	30.50	2.88	24.39	2888.81	30.49
Under 1	1230.21	13.00	1.30	11.01	123.51	12.00
1 & Under 2	586.51	6.20	0.70	5.93	587.21	6.20
2 & Over	1069.21	11.30	0.88	7.45	1070.09	11.29
Total Female	6576.66	69.50	8.93	75.61	6585.59	69.51
Under 1	1546.34	16.34	1.92	16.26	1548.26	16.34
1 & Under 2	1102.49	11.65	2.08	17.61	1104.57	11.66
2 & Over	3927.83	41.51	4.93	41.74	3932.76	41.51
Total sheep	9462.59	100.00	11.81	100.00	99474.40	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

Table 19 Number and Percentage Distribution of GOATS by Sex and Age, for Private and Co-operative Holdings, National,* 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	Private Holding		Co-operatives		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Male	1943.00	34.17	-	-	1943.00	34.17
Under 1	766.43	13.48	-	-	766.43	13.48
1 & Under 2	453.37	7.97	-	-	453.37	7.97
2 & Over	723.20	12.72	-	-	723.20	12.72
Total Female	3742.76	65.83	-	-	3742.76	65.83
Under 1	943.31	16.59	-	-	943.31	16.59
1 & Under 2	712.39	12.53	-	-	712.39	12.53
2 & Over	2087.06	36.71	-	-	2087.06	36.71
Total Goats	5685.76	100.00	-	-	5685.76	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

Table 20. Number and Percentage Distribution of HORSES by Sex and Age, Private Holdings and Co-operative, National,* 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	Private Holding		Co-operatives		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Male	558.57	50.88	0.96	69.57	559.53	50.91
Under - 3	98.90	9.01	0.05	3.62	98.95	9.00
3 & Over	459.67	41.87	0.91	65.94	460.58	41.90
Total Female	539.17	49.12	0.42	30.43	539.59	49.09
Under - 3	111.46	10.16	0.05	3.62	111.51	10.14
3 & Over	427.71	38.96	0.37	26.81	428.08	38.95
Total Horses	1097.74	100.00	1.38	100.00	1099.12	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

Table 21. Number and Percentage Distribution of ASSES by Sex and Age, for Private Holdings and Co-operatives, National,* 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	Private Holding		Co-operatives		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Male	768.69	43.18	3.56	53.37	772.25	43.22
Under - 3	177.28	9.96	0.34	5.10	177.62	9.94
3 & Over	591.41	33.22	3.22	48.27	594.63	33.28
Total Female	1011.40	56.82	3.11	46.63	1014.51	56.78
Under - 3	214.30	12.04	0.50	7.50	214.80	12.02
3 & Over	797.10	44.78	2.61	39.13	799.71	44.76
Total Asses	1780.09	100.00	6.67	100.00	1786.76	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

Table 22. Number and Percentage Distribution of CAMELS by Sex and Age, for Private Holdings and Co-operatives, National,* 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	Private Holding		Co-operatives		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Male	17.97	57.27	0.03	100.00	18.00	57.30
Under - 4	3.00	9.56	0.01	33.33	3.01	9.58
4 & Over	14.97	47.71	0.02	66.67	14.99	47.72
Total Female	13.41	42.73	0.00	0.00	13.41	42.70
Under - 4	3.80	12.11	0.00	0.00	3.80	12.10
4 & Over	9.61	30.62	0.00	0.00	9.61	30.60
Total Camels	31.38	100.00	0.03	100.00	31.41	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

In addition, the number and percentage distribution of each species by age and sex for each Administrative Areas are presented in the annex.

5.3.2 Breed

Table 23 presents data on breed type of the estimated number of livestock in the private and co-operative holdings. Out of the total cattle herd aged two years and over, only a little less than one percent were found to be cross breeds (i.e. hybrids). The remaining 99 percent accounted for local breed (i.e. indigenous). In the case of sheep and goats the cross breeds accounted for less than 0.5 percent of the total herd aged two years and over in both holdings.

Table 23 Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Breed and Type, Aged Two Years and over, Private and Co-operative Holdings, National* 1989/90 (1982 E.C)

Number in Thousands

Type	Breed	Private		Co-operative		Total	
		Number	Percent	Number	Percent	Number	Percent
Cattle	Indigenous	15107.30	99.20	202.20	99.20	15309.50	99.18
	Hybrid	125.00	0.80	1.70	0.80	126.70	0.82
	Total	15232.30	100.00	203.90	100.00	15436.20	100.00
Sheep	Indigenous	4490.00	99.80	5.60	96.20	4495.60	99.80
	Hybrid	10.90	0.20	0.20	3.80	11.10	0.20
	Total	4500.90	100.00	5.80	100.00	4506.70	100.00
Goats	Indigenous	2678.30	99.70	0.00	0.00	2678.30	99.70
	Hybrid	8.30	0.30	0.00	0.00	8.30	0.30
	Total	2686.60	100.00	0.00	0.00	2686.60	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Region North Wollo and Nomadic Areas

6. Utilization of Animals Aged Two Years and Over

6.1 Cattle

In general, the ownership of animals in the peasant holdings is important because of its social status. Hence, the number of cattle, sheep and goats that are kept for the purpose of meat production are relatively small compared to the numbers of animals kept for other purposes. It is assumed that animals that are kept for other purposes are looked upon as capital investment which gives high rate of return in the form of young stocks.

The number and percentage distribution of milking cows, beef cattle, draught cattle and cattle for other purposes are provided in Table 24 for both private and co-operative holdings at national level.

The number of milking cows were estimated to be around 7.0 million heads (45 percent) out of the total cattle herds in the specified age group. The number of draught cattle and beef cattle were about 5.4 million heads and 659 thousand heads, respectively. However, cattle used as means of transport, breeding or those cattle which were not specified elsewhere were categorised as cattle used for other purposes. These animals accounted for about 15 percent of the total cattle herds within the same age group.

Table 24. Number and Percentage Distribution of CATTLE Aged Two Years and Over, By Purpose, Private and Co-operative Holdings, National*
1989/90 (1982 E.C.)

Number in Thousands

Purpose	Private		Co-operative		Total	
	Number	Percent	Number	Percent	Number	Percent
Milking Cows	6981.20	45.80	14.30	7.02	6995.50	45.32
Draught Cattle	5257.40	34.50	171.60	84.20	5429.00	35.17
Beef Cattle	654.90	4.30	4.50	2.21	659.40	4.27
Cattle for Other Purpose	2338.80	15.40	13.40	6.57	2352.20	15.24
Total	15232.30	100.00	203.80	100.00	15436.10	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wollo and Nomadic Areas.

In addition, the number and percentage distribution of cattle population by breed, sex and purpose is presented in the annex for each Administrative Region.

Table 25 shows regional distribution of cattle by purpose, aged two years and over in private holdings.

Cattel Aged Two Years and Over by Purpose, Privet Holdings National,* 1989/90

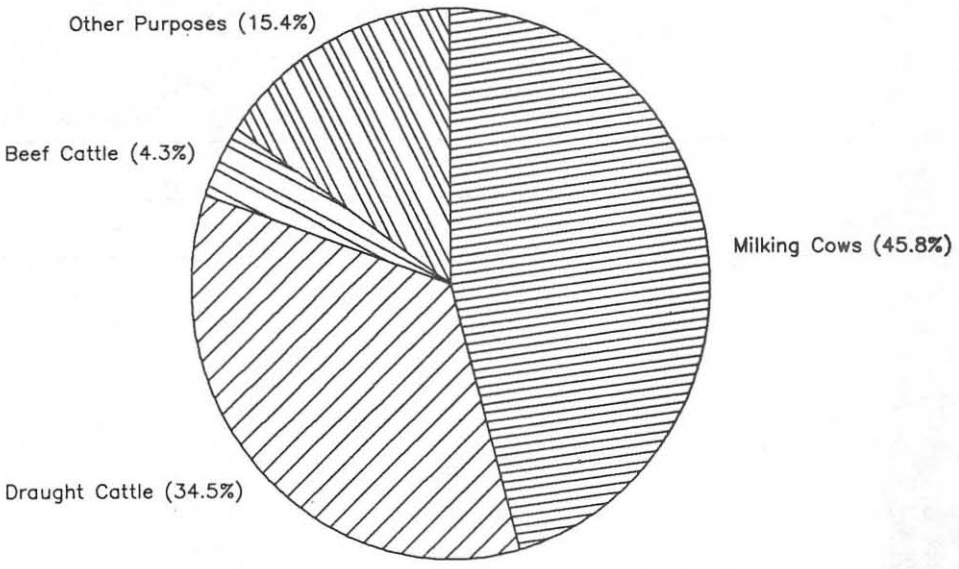


Fig. 5

Cattel Aged Two Years and Over by Purpose, Co-operatives National,* 1989/90

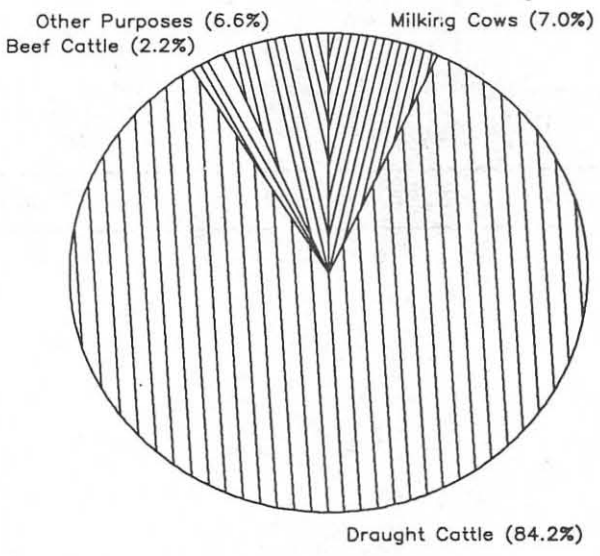


Fig. 6

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions and Nomadic Areas

Table 25 Number and Percentage Distribution of CATTLE, Aged Two Years and Over, by Purpose and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

REGION	Milking Cows		Draught Cattle		Beef Cattle		Cattle for other purposes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Arsi	538.19	7.17	421.03	8.01	49.88	7.62	253.81	10.85
Bale	335.43	4.80	154.88	2.95	37.87	5.78	127.20	5.44
North Omo	465.60	6.67	261.67	4.98	19.01	2.90	177.21	7.57
South Omo	12.92	0.19	16.25	0.31	1.35	0.22	5.42	0.23
East Gojam	252.86	3.62	315.25	6.00	11.57	1.77	27.70	1.18
West Gojam	330.70	4.74	356.39	6.78	6.08	0.93	123.54	5.28
Metekel	49.60	0.71	43.02	0.82	0.87	0.13	29.95	1.28
North Gondar	137.40	1.97	151.38	2.88	1.67	0.25	36.89	1.58
South Gondar	160.11	2.29	183.64	3.49	2.17	0.33	75.09	3.21
Dire Dawa	13.08	0.19	4.63	0.09	0.58	0.09	3.37	0.14
East Hararghe	275.82	3.95	172.74	3.29	16.13	2.46	32.67	1.60
West Hararghe	183.56	2.63	176.42	3.36	13.03	1.99	15.52	0.66
Gambela	6.33	0.09	3.65	0.07	0.23	0.04	2.08	0.08
Ilubabor	345.64	4.95	391.85	7.45	10.66	1.63	128.05	5.48
Keffa	112.45	1.61	103.15	1.96	3.02	0.46	69.45	2.97
Addis Ababa	127.33	1.82	131.94	2.50	5.60	0.86	62.90	2.69
East Shoa	69.90	1.00	152.57	2.90	9.30	1.42	12.69	0.54
North Shoa	305.53	4.38	458.06	8.71	29.76	4.54	113.31	4.85
South Shoa	754.86	10.81	490.70	9.33	21.10	3.22	82.49	3.53
West Shoa	613.92	8.79	344.15	6.55	31.59	4.82	250.16	10.70
Borena	161.81	2.32	47.43	0.90	23.40	3.57	62.48	2.67
Sidamo	1013.78	14.52	138.87	2.64	97.44	14.88	402.63	17.22
Asosa	36.02	0.52	21.48	0.41	2.91	0.44	8.84	0.38
Wellega	366.10	5.24	284.58	5.41	240.94	36.79	162.19	6.93
North Wollo	NA	NA	NA	NA	NA	NA	NA	NA
South Wollo	312.26	4.48	431.67	8.21	18.76	2.86	73.17	3.13
All Regions	6981.20	100.00	5257.40	100.00	654.92	100.00	2338.81	100.00

NA - Not Available

As indicated in this table, the highest number of milking cows were reported in Sidamo which was about one million heads, 14.5 percent while the lowest was reported in Gambela which was about 6 thousand heads, 0.09 percent of cow.

Regarding cattle kept for draught purposes, the highest was reported in South Shoa 9.3 percent and the lowest in Gambela 0.07 percent. In the case of cattle that were kept for beef, the highest were reported in Wellega, 36.8 percent followed by Sidamo, 14.9 percent while the lowest was reported in Gambela, 0.04 percent.

Further, the highest percentage of cattle that were kept for other purposes were reported in Sidamo, 17.2 percent followed by Arsi, 10.9 percent and the lowest was reported in Gambela, 0.08 percent.

6.2 Sheep and Goats

6.2.1 Sheep

According to the survey result, the percentage of sheep that were kept for mutton in both private and cooperative holdings were only about 27 percent out of the total sheep herds in the specified age group. The remaining 73 percent was reported to be raised for other purposes as shown in Table 26.

Table 26. Number and Percentage Distribution of SHEEP Aged Two Years and Over, by Purpose, Private and Co-operative Holdings, National* 1989/90 (1982 E.C,)

Number in Thousands

Purpose	Private		Co-operative		Total	
	Number	Percent	Number	Percent	Number	Percent
For Mutton	1203.00	26.70	1.10	18.80	1204.10	26.70
For Other Purpose	3297.91	73.30	4.70	81.20	3302.61	73.30
Total	4500.91	100.00	5.80	100.00	4506.71	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Region, North Wollo and Nomadic Areas.

6.2.2 Goats

In the 1989/90 Agricultural Sample Survey, goats population were not reported in the producers' co-operatives as it is shown in table 27. The number of goats that were kept for meat in the private holdings were 959 thousand or 36 percent of the total herd in the specified age group. The remaining 64 percent of goat population were kept for other purposes.

Table 27. Number and Percentage Distribution of GOATS Aged Two Years and Over, by Purpose, Private and Co-operative Holdings, National*
1989/90 (1982 E.C.)

Number in Thousands

Purpose	Private		Co-operative	
	Number	Percent	Number	Percent
For Meat	959.17	35.70	-	-
For Other Purpose	1727.41	64.30	-	-
Total	2686.58	100.00	-	-

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wollo and Nomadic Areas,

Table 28 presents the regional distribution of sheep and goats by purpose. Hence, South Wollo and North Shoa were the first and second in reporting large number of sheep for mutton, respectively. In the case of goats South Shoa and South Wollo held the first and second position in reporting the highest number of goats that were kept for meat. The lowest number of sheep and goat that were kept for meat were reported in South Omo and Asosa respectively. Further, the number and percentage distribution of sheep and goats population by sex, breed and purpose are provided in the annex for each administrative region.

6.3 Draught Animals

Table 29 presents the number and percentage distribution of draught animals that were used for draught purposes in both peasant and co-operative holdings of the country. Draught purposes mean facilitating and participating in agricultural practices such as ploughing, threshing and transporting to and from the farm. Hence, out of the total draught animals about 52 percent of horses and 44 percent of asses accounted for draught purposes, respectively.

Table 28 Number and Percentage Distribution of SHEEP and GOATS, Aged Two Years and Over, by Purpose and Region, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

	Sheep for				Goats for			
	Mutton		other Purposes		Meat		Other Purposes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Arsi	46.19	3.84	406.17	12.32	17.75	1.85	111.01	6.43
Bale	16.18	1.34	104.32	3.16	14.21	1.48	93.36	5.40
North Omo	111.37	9.26	212.38	6.44	55.84	5.82	138.97	8.04
South Omo	0.66	0.05	12.51	0.38	5.76	0.60	15.53	0.90
East Gojam	30.70	2.55	195.51	5.92	8.80	0.82	53.90	3.12
West Gojam	12.40	1.03	217.33	6.59	10.76	1.12	36.01	2.08
Metekel	0.82	0.07	5.37	0.16	1.65	0.17	17.94	1.04
North Gondar	2.49	0.21	7.68	0.23	4.41	0.46	44.78	2.59
South Gondar	3.20	0.27	143.38	4.35	7.11	0.74	45.48	2.63
Dire Dawa	2.38	0.20	8.94	0.27	4.62	0.48	23.97	1.39
East Hararghe	27.57	2.29	73.71	2.24	46.51	4.85	153.82	8.90
West Hararghe	16.49	1.37	32.29	0.98	35.61	3.72	90.83	5.26
Gambela	1.15	0.10	2.57	0.08	4.06	0.42	0.28	0.02
Ilubabor	65.93	5.48	126.18	3.83	24.85	2.59	66.13	3.38
Keffa	29.68	2.47	81.06	2.46	19.05	1.99	31.05	1.80
Addis Ababa	38.66	3.22	26.74	0.81	12.29	1.28	10.19	0.59
East Shoa	15.12	1.26	10.54	0.32	31.88	3.32	14.51	0.84
North shoa	151.84	12.62	507.35	15.38	106.86	11.14	102.19	5.92
South Shoa	129.86	10.79	29.75	0.90	223.84	23.34	31.00	1.79
West Shoa	83.76	6.96	147.84	4.48	29.48	3.07	74.15	4.29
Borena	9.67	0.80	44.53	1.35	19.40	2.02	117.70	6.82
Sidamo	25.98	2.16	199.16	6.04	78.34	8.17	222.63	12.89
Asosa	7.19	0.60	23.60	0.72	0.84	0.09	4.46	0.26
Wellega	30.85	2.56	87.10	2.64	8.02	0.84	32.26	1.87
North Wollo	NA	NA	NA	NA	NA	NA	NA	NA
South Wollo	342.90	28.5	591.90	17.95	187.23	19.52	195.26	11.30
All Regions	1203.00	100.00	3297.91	100.00	959.17	100.00	1727.41	100.00

NA - Not Available

Table 29. Number and Percentage Distribution of DRAUGHT ANIMALS for Draught Purposes, by Type, Private and Co-operative Holdings, National* 1989/90 (1982 E.C.)

Number in Thousands

Type	Private		Co-operative		Total	
	Number	Percent	Number	Percent	Number	Percent
Horses	130.30	52.50	0.80	47.10	131.10	52.40
Asses	108.10	43.50	0.90	51.20	109.00	43.60
Mules	8.90	3.60	0.03	1.70	9.00	3.60
Camels	1.00	0.40	0.00	0.00	1.00	0.40
Total	248.30	100.00	1.73	100.00	250.10	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wollo and Nomadic Areas.

6.4 Poultry

As mentioned earlier, since all chicks were considered as male, 71 percent was accounted for the total male poultry population. The remaining 16 percent and 13 percent of the male population were found to be cocks and cockerels, respectively. The data in table 30 indicate that about 50 percent of the total female poultry consisted of laying hens and 21 percent, non-laying hens. The remaining 29 percent was estimated to be pullets. Moreover, poultry population by sex and purpose for each administrative region is presented in the annex.

Table 30. Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, National* 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Cocks	1924.50	15.60
Cockerels	1619.30	13.10
Chicks	8788.00	71.30
Total male	12331.70	100.00
Pullets	2318.60	29.50
Laying Hens	3918.70	49.80
Non-Laying Hens	1624.40	20.70
Total Female	7861.80	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wollo and Nomadic Areas.

Table 1. ARSI

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	785.69	44.94	283.09	29.54	98.93	36.31
Under 1	119.87	6.86	181.59	18.94	54.09	19.85
1 & Under 2	104.89	6.00	48.55	5.04	17.65	6.48
2 & Over	560.93	32.09	52.95	5.55	27.19	9.98
Female Total	962.45	55.06	675.31	70.46	173.52	63.69
Under 1	146.56	8.38	188.95	19.72	41.30	15.16
1 & Under 2	113.91	6.52	86.95	9.07	29.94	10.99
2 & Over	701.98	40.16	399.41	41.67	102.28	37.54
Total Animals	1748.14	100.00	958.40	100.00	272.45	100.00

Table 2. ARSI

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	101.58	50.97	56.27	41.39
Under 3	19.74	9.90	18.53	13.63
3 & Over	81.84	41.06	37.74	27.76
Female Total	97.73	49.03	79.69	58.61
Under 3	24.56	12.32	16.25	11.95
3 & Over	73.17	36.71	63.44	46.66
Total Animals	199.31	100.00	135.96	100.00

Table 3. ARSI

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holding, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	560.56	100.00	0.37	100.00	560.93	100.00
For Draught	421.03	75.11	-	-	421.03	75.06
For Beef	18.34	3.27	0.37	100.00	18.71	3.34
For Other	121.19	21.62	-	-	121.19	21.60
Female Cattle	699.12	100.00	2.86	100.00	701.98	100.00
For Milk	537.90	76.94	0.29	10.14	538.19	76.67
For Beef	28.60	4.09	2.57	89.86	31.17	4.44
For Other	132.62	18.97	-	-	132.62	18.89

Table 4. ARSI

SHEEP Poupulation, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	52.64	100.00	0.31	100.00	52.95	100.00
For Mutton	29.82	56.65	0.31	100.00	30.13	56.90
For Other	22.82	43.35	-	-	22.82	43.10
Female Sheep	399.12	100.00	0.29	100.00	399.41	100.00
For Mutton	15.77	3.91	0.29	100.00	16.06	4.02
For Other	383.35	96.05	-	-	383.35	95.98

Table 5. ARSI

GOAT Popultion, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	26.48	100.00	0.71	100.00	27.19	100.00
For Meat	15.57	58.80	0.71	100.00	15.57	57.26
For Other	10.91	41.20	-	-	10.91	42.74
Female Goats	102.28	100.00	-	-	102.28	100.00
For Meat	2.18	2.13	-	-	2.18	2.13
For Other	100.00	97.87	-	-	100.00	97.87

Table 6. ARSI

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	470.83	100.00
Cockes	65.03	13.81
Cockrels	65.39	13.89
Chicks	340.41	72.30
Total Female	383.03	100.00
Pullets	94.27	24.61
Laying hens	208.19	54.35
Non-Laying hens	80.57	21.04

Table 1. BALE

Number and percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	337.56	35.97	66.38	29.40	51.02	27.34
Under 1	71.60	7.57	36.28	16.07	21.41	11.47
1 & Under 2	47.91	5.05	10.50	4.61	11.00	5.89
2 & Over	218.05	23.36	19.60	8.72	18.61	9.97
Female Total	600.85	64.03	159.43	70.60	135.61	72.66
Under 1	99.53	10.55	41.46	17.86	29.24	15.67
1 & Under 2	63.99	6.77	17.07	7.06	17.41	9.33
2 & Over	437.33	46.71	100.90	45.68	88.96	47.67
Total Animal	938.41	100.00	225.81	100.00	186.63	100.00

Table 2. BALE

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	31.50	51.62	32.22	44.89
Under 3	3.03	4.97	5.40	7.52
3 & Over	28.47	46.66	26.82	37.37
Female Total	29.52	48.38	39.55	55.11
Under 3	6.67	10.93	8.45	11.77
3 & Over	22.85	37.45	31.10	43.33
Total Animal	61.02	100.00	71.77	100.00

Table 3. BALE

Number and Percentage Distribution of CAMELS by Sex and Age, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	Percent
Male Total	0.42	25.77
Under 4	0.13	7.98
4 & Over	0.29	17.79
Female Total	1.21	74.23
Under 4	0.70	42.95
4 & Over	0.51	31.29
Total Camels	1.63	100.00

Table 4. BALE

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holding, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	218.05	100.00	-	-	218.05	100.00
For Draft	154.88	71.03	-	-	154.88	71.03
For Beef	29.48	13.52	-	-	29.48	13.52
For Other	33.69	15.45	-	-	33.69	15.45
Female Cattle	437.33	100.00	-	-	437.33	100.00
For Milk	335.43	76.70	-	-	335.43	76.70
For Beef	8.39	1.92	-	-	8.39	1.92
For Other	93.51	21.38	-	-	93.51	21.38

Table 5. BALE

SHEEP Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	19.60	100.00	-	-	19.60	100.00
For Mutton	10.97	55.97	-	-	10.97	55.97
For Other	8.63	44.03	-	-	8.63	44.03
Female Sheep	100.90	100.00	-	-	100.90	100.00
For Mutton	5.21	4.31	-	-	5.21	4.31
For Other	95.69	95.69	-	-	95.69	95.69

Table 6. BALE

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	18.61	100.00	-	-	18.61	100.00
For Meat	11.99	64.43	-	-	11.99	64.43
For Other	6.62	35.57	-	-	6.62	35.57
Female Goats	88.96	100.00	-	-	88.96	100.00
For Meat	2.22	2.50	-	-	2.22	2.50
For Other	86.74	97.50	-	-	86.74	97.50

Table 7. BALE

Number and Percentage Distribution of POULTRY
By Sex and Purpose, Private Holdings,
1989/90 (1982 E.C)

Number in Tousands

Sex and Purpose	Number	Percent
Total Male	160.53	100.00
Cockes	26.64	16.59
Cockrels	22.65	14.11
Chicks	111.25	69.30
Total Female	124.88	100.00
Pullets	37.73	30.21
Laying hens	62.62	50.14
Non-Laying Hens	24.53	19.65

Table 1. NORTH OMO

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	532.31	37.76	148.90	28.02	110.71	30.46
Under 1	91.59	6.50	50.24	9.45	37.35	10.28
1 & Under 2	110.82	7.86	31.64	5.95	29.37	8.08
2 & Over	329.90	23.40	67.02	12.61	43.99	12.10
Female Total	877.25	62.24	382.50	71.98	252.76	69.54
Under 1	134.03	9.51	65.72	12.37	51.77	14.11
1 & Under 2	149.27	10.59	60.05	11.30	51.17	13.94
2 & Over	593.95	42.14	256.73	48.31	149.82	41.49
Total Animal	1409.56	100.00	531.40	100.00	363.47	100.00

Table 2. NORTH OMO

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	14.50	57.40	23.53	74.58
Under 3	1.73	6.85	1.52	4.82
3 & Over	12.77	50.55	22.01	69.76
Female Total	10.76	42.60	8.02	25.42
Under 3	0.90	3.56	0.75	2.38
3 & Over	9.86	39.03	7.27	23.04
Total Animal	25.26	100.00	31.55	100.00

Table 3. NORTH OMO

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	329.56	100.00	0.34	100.00	329.90	100.00
For Draught	261.67	79.40	-	-	261.67	79.32
For Beef	12.30	3.73	0.34	100.00	12.64	3.83
For Other	55.59	16.87	-	-	55.59	16.85
Female Cattle	589.66	100.00	4.29	100.00	593.95	100.00
For Milk	463.88	78.67	1.72	40.09	465.60	78.39
For Beef	4.16	0.71	2.57	59.91	6.73	1.13
For Other	121.62	20.62	-	-	121.62	20.48

Table 4. NORTH OMO

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	67.02	100.00	-	-	67.02	100.00
For Mutton	45.34	67.65	-	-	45.34	67.25
For Other	21.68	32.35	-	-	21.68	32.35
Female Sheep	256.73	100.00	-	-	256.73	100.00
For Mutton	66.03	25.72	-	-	66.03	25.72
For Other	190.70	74.28	-	-	190.70	74.28

Table 5. NORTH OMO

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	43.99	100.00	-	-	43.99	100.00
For Meat	23.88	54.29	-	-	23.88	54.29
For Other	20.11	45.71	-	-	20.11	45.71
Female Goats	149.82	100.00	-	-	149.82	100.00
For Meat	31.96	21.33	-	-	31.96	21.33
For Other	118.86	79.37	-	-	118.86	79.37

Table 6. NORTH OMO

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	518.13	100.00
Cockes	106.37	20.53
Cockrels	90.65	17.50
Chicks	321.11	61.97
Total Female	383.39	100.00
Pullets	105.16	27.43
Laying hens	158.88	41.44
Non-Laying hens	119.35	31.13

Table 1. SOUTH OMO

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	24.41	49.66	4.07	20.70	13.36	38.42
Under 1	2.94	5.98	1.65	8.39	3.19	9.17
1 & Under 2	2.67	5.43	1.06	5.39	2.86	8.23
2 & Over	18.80	38.25	1.36	6.92	7.31	21.02
Female Total	24.74	50.34	15.59	79.30	21.41	61.58
Under 1	3.74	7.61	2.58	13.12	4.18	12.02
1 & Under 2	3.86	7.87	1.20	6.10	3.25	9.35
2 & Over	17.14	34.85	11.81	60.07	13.98	40.21
Total Animal	49.15	100.00	19.66	100.00	34.77	100.00

Table 2. SOUTH OMO

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.99	37.79	1.43	91.67
Under 3	0.30	11.45	0.00	0.00
3 & Over	0.69	26.34	1.43	91.67
Female Total	1.63	62.21	0.13	8.33
Under 3	0.44	16.79	0.00	0.00
3 & Over	1.19	45.42	0.13	8.33
Total Animal	2.62	100.00	1.56	100.00

Table 3. SOUTH OMO

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	18.80	100.00	-	-	18.80	100.00
For Draft	16.25	86.44	-	-	16.25	86.44
For Beef	0.90	4.79	-	-	0.90	4.79
For Other	1.65	8.79	-	-	1.65	8.76
Female Cattle	17.14	100.00	-	-	17.14	100.00
For Milk	12.92	75.38	-	-	12.92	75.38
For Beef	0.45	2.63	-	-	0.45	2.63
For Other	3.77	21.99	-	-	3.77	21.99

Table 4. SOUTH OMO

SHEEP Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	1.36	100.00	-	-	1.36	100.00
For Mutton	0.66	48.53	-	-	0.66	48.53
For Other	0.70	51.47	-	-	0.70	51.47
Female Sheep	11.81	100.00	-	-	11.81	100.00
For Mutton	-	-	-	-	-	-
For Other	11.81	100.00	-	-	11.81	100.00

Table 5. SOUTH OMO

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goat	7.31	100.00	-	-	7.31	100.00
For Meat	5.16	70.59	-	-	5.16	70.59
For Other	2.15	29.41	-	-	2.15	29.41
Female Goat	13.98	100.00	-	-	13.98	100.00
For Meat	0.60	4.29	-	-	0.60	4.29
For Other	13.38	95.71	-	-	13.38	95.71

Tabel 6. SOUTH OMO

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	41.01	100.00
Cockes	9.05	22.07
Cockrels	8.80	21.46
Chicks	23.16	56.47
Total Female	40.32	100.00
Pullets	10.82	26.84
Laying hens	18.13	44.97
Non-Laying hens	11.37	28.19

Table 1. EAST GOJAM

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	424.82	51.23	103.84	24.42	48.31	36.23
Under 1	44.31	5.34	63.78	15.00	24.09	18.07
1 & Under 2	53.08	6.40	18.36	4.32	10.53	7.90
2 & Over	327.43	39.49	21.70	5.10	13.69	10.27
Female Total	404.40	48.77	321.45	75.58	85.03	63.77
Under 1	60.39	7.28	68.53	16.11	23.05	17.29
1 & Under 2	64.06	7.73	48.41	11.38	12.97	9.73
2 & Over	279.95	33.76	204.51	48.09	49.01	36.76
Total Animal	829.22	100.00	424.29	100.00	133.34	100.00

Table 2. EAST GOJAM

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings 1989/90 (1982 E.C)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	14.65	44.18	29.44	31.90
Under 3	2.18	6.57	11.28	12.22
3 & Over	12.47	37.61	18.16	19.67
Female Total	18.51	55.82	62.86	68.10
Under 3	2.70	8.14	11.29	12.23
3 & Over	15.81	47.68	51.57	55.87
Total Animal	33.16	100.00	92.30	100.00

TAble 3. EAST GOJAM

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	327.43	100.00	-	-	327.43	100.00
For Draught	315.25	96.28	-	-	315.25	96.28
For Beef	2.10	0.64	-	-	2.10	0.64
For Other	10.08	3.08	-	-	10.08	3.08
Female Cattle	276.67	100.00	3.28	100.00	279.95	100.00
For Milk	252.18	91.15	0.68	20.73	252.86	90.32
For Beef	6.87	2.48	2.60	79.27	9.47	3.38
For Other	17.62	6.37	-	-	17.62	6.30

Table 4. EAST GOJAM

SHEEP Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	21.70	100.00	-	-	21.70	100.00
For Mutton	14.28	65.81	-	-	14.28	65.81
For Other	7.42	34.19	-	-	7.42	34.19
Female Sheep	204.51	100.00	-	-	204.51	100.00
For Mutton	16.42	8.03	-	-	16.42	8.03
For Other	188.09	91.97	-	-	188.09	91.97

Table 5. EAST GOJAM

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	13.69	100.00	-	-	13.69	100.00
For Meat	6.35	46.38	-	-	6.35	46.38
For Other	7.34	53.62	-	-	7.34	53.62
Female Goats	49.01	100.00	-	-	49.01	100.00
For Meat	2.45	5.00	-	-	2.45	5.00
For Other	46.56	95.00	-	-	46.56	95.00

Table 6. EAST GOJAM

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	326.27	100.00
Cockes	45.85	14.05
Cockrels	23.77	7.29
Chicks	256.65	78.66
Total Female	230.17	100.00
Pullets	41.84	18.18
Laying hens	144.75	62.89
Non-Laying hens	43.58	18.93

Table 1. WEST GOJAM

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	556.04	49.88	98.28	24.04	31.71	34.68
Under 1	74.01	6.62	72.74	17.79	17.07	18.67
1 & Under 2	75.76	6.77	10.45	2.56	5.80	6.34
2 & Over	406.27	36.50	15.09	3.69	8.84	9.67
Female Total	558.63	50.12	310.49	75.96	59.72	65.32
Under 1	67.76	6.08	68.40	16.73	15.54	17.00
1 & Under 2	80.43	7.22	27.45	6.72	6.25	6.82
2 & Over	410.44	36.82	214.64	52.51	37.93	41.50
Total Animal	1114.67	100.00	408.77	100.00	91.43	100.00

Table 2. WEST GOJAM

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	45.21	51.15	31.72	34.82
Under 3	8.18	9.25	12.58	13.81
3 & Over	37.03	41.89	19.14	21.01
Female Total	43.18	48.85	59.38	65.18
Under 3	9.09	10.28	14.12	15.50
3 & Over	34.09	78.95	45.26	49.68
Total Animal	88.39	100.00	91.10	100.00

Table 3. WEST GOJAM

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	406.27	100.00	-	-	406.27	100.00
For Draught	356.39	87.72	-	-	356.39	87.72
For Beef	1.91	0.47	-	-	1.91	0.47
For Other	47.97	11.81	-	-	47.97	11.81
Female Cattle	410.44	100.00	-	-	410.44	100.00
For Milk	330.70	80.57	-	-	330.70	80.57
For Beef	4.17	1.02	-	-	4.17	1.02
For Other	75.57	18.41	-	-	75.57	18.41

Table 4. WEST GOJAM

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	15.09	100.00	-	-	15.09	100.00
For Mutton	9.88	65.47	-	-	9.88	65.47
For Other	5.21	34.53	-	-	5.21	34.53
Female Sheep	214.64	100.00	-	-	214.64	100.00
For Mutton	2.52	1.17	-	-	2.52	1.17
For Other	212.12	98.83	-	-	212.12	98.83

Table 5. WEST GOJAM

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	8.84	100.00	-	-	8.84	100.00
For Meat	6.05	68.44	-	-	6.05	68.44
For Other	2.79	31.56	-	-	2.79	31.56
Female Goats	37.93	100.00	-	-	37.93	100.00
For Meat	4.71	12.42	-	-	4.71	12.42
For Other	33.22	87.58	-	-	33.22	87.58

Table 6. WEST GOJAM

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	927.49	100.00
Cockes	60.45	6.52
Cockrels	104.58	11.28
Chicks	762.46	82.20
Total Female	467.50	100.00
Pullets	147.60	31.57
Laying hens	266.48	57.00
Non-Laying hens	53.42	11.43

Table 1. METEKEL

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	76.15	46.38	4.50	33.63	13.58	28.05
Under 1	11.23	6.69	2.52	18.39	8.55	17.66
1 & Under 2	9.68	5.74	0.83	5.75	3.01	6.22
2 & Over	55.24	33.96	1.15	9.49	2.02	4.17
Female Total	88.02	53.62	8.88	66.37	34.83	71.95
Under 1	10.90	6.64	2.32	17.34	9.76	20.16
1 & Under 2	8.92	5.44	1.16	8.67	7.50	15.49
2 & Over	68.20	41.54	5.40	40.36	17.57	36.29
Total Animal	164.17	100.00	13.38	100.00	48.41	100.00

Table 2. METEKEL

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.00	0.00	4.46	42.97
Under 3	0.00	0.00	1.99	19.17
3 & Over	0.00	0.00	2.47	23.80
Female Total	0.00	0.00	5.92	57.03
Under 3	0.00	0.00	1.61	15.51
3 & Over	0.00	0.00	4.31	41.52
Total Animal	0.00	0.00	10.38	100.00

Table 3. METEKEL

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	55.24	100.00	-	-	55.24	100.00
For Draught	43.02	77.88	-	-	43.02	77.88
For Beef	0.06	0.11	-	-	0.06	0.11
For Other	12.16	22.01	-	-	12.16	22.01
Female Cattle	67.81	100.00	0.39	100.00	68.20	100.00
For Milk	49.60	73.15	-	-	49.60	73.15
For Beef	0.42	0.62	0.39	100.00	0.81	0.62
For Other	17.79	26.24	-	-	17.79	26.24

Table 4. METEKEL

SHEEP Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	1.15	100.00	-	-	1.15	100.00
For Mutton	0.24	20.87	-	-	0.24	20.87
For Other	0.91	79.13	-	-	0.91	79.13
Female Sheep	5.40	100.00	-	-	5.40	100.00
For Mutton	0.58	10.74	-	-	0.58	10.74
For Other	4.82	89.26	-	-	4.82	89.26

Table 5. METEKEL

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	2.02	100.00	-	-	2.02	100.00
For Meat	0.52	25.74	-	-	0.52	25.74
For Other	1.50	74.26	-	-	1.50	74.26
Female Goat	17.57	100.00	-	-	17.57	100.00
For Meat	1.13	6.43	-	-	1.13	6.43
For Other	16.44	93.57	-	-	16.44	93.57

Table 6. METEKEL

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	145.31	100.00
Cockes	12.52	8.62
Cockrels	7.70	5.30
Chicks	125.10	86.08
Total Female	63.69	100.00
Pullets	13.51	21.21
Laying hens	48.62	76.34
Non-Laying hens	1.56	2.45

Table 1. NORTH GONDAR

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	226.26	50.03	4.58	18.44	41.22	34.66
Under 1	27.06	5.98	3.37	13.57	22.48	18.90
1 & Under 2	32.97	7.29	0.90	3.62	9.33	7.85
2 & Over	166.23	36.75	0.31	1.25	9.41	7.91
Female Total	226.01	49.97	20.26	81.56	77.70	65.34
Under 1	30.39	6.72	5.27	21.22	23.80	20.01
1 & Under 2	34.51	7.63	5.13	20.61	14.12	11.87
2 & Over	161.11	35.62	9.86	39.73	39.78	33.45
Total Animal	452.27	100.00	24.84	100.00	118.92	100.00

Table 2. NORTH GONDAR

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in Years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	1.72	63.24	14.67	26.15
Under 3	0.52	19.12	7.38	13.16
3 & Over	1.20	44.12	7.29	13.00
Female Total	1.00	36.77	41.42	73.85
Under 3	0.31	11.40	10.79	19.24
3 & Over	0.69	25.37	30.63	54.61
Total Animal	2.72	100.00	56.09	100.00

Table 3. NORTH GONDAR

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	166.23	100.00	-	-	166.23	100.00
For Draught	151.38	91.07	-	-	151.38	91.07
For Beef	0.51	0.31	-	-	0.51	0.31
For Other	14.34	8.62	-	-	14.34	8.62
Female Cattle	160.96	100.00	0.15	100.00	161.11	100.00
For Milk	137.40	85.36	-	-	137.40	85.28
For Beef	1.01	0.63	0.15	100.00	1.16	0.72
For Other	22.55	14.01	-	-	22.55	14.00

Table 4. NORTH GONDAR

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	0.31	100.00	-	-	0.31	100.00
For Mutton	0.31	100.00	-	-	0.31	100.00
For Other	-	-	-	-	-	-
Female Sheep	9.86	100.00	-	-	9.86	100.00
For Mutton	2.18	22.11	-	-	2.18	22.11
For Other	7.68	77.89	-	-	7.68	77.89

Table 5. NORTH GONDAR

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	9.41	100.00	-	-	9.41	100.00
For Meat	4.16	44.21	-	-	4.16	44.21
For Other	5.25	55.79	-	-	5.25	55.79
Female Goats	39.78	100.00	-	-	39.78	100.00
For Meat	0.25	0.63	-	-	0.25	0.63
For Other	39.53	99.37	-	-	39.53	99.37

Table 6. NORTH GONDAR

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	422.27	100.00
Cockes	26.39	6.25
Cockrels	45.05	10.67
Chicks	350.83	83.08
Total Female	177.44	100.00
Pullets	60.51	34.10
Laying hens	113.77	64.12
Non-Laying hens	3.16	1.78

Table 1. SOUTH GONDAR

Number and percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	275.92	48.57	51.61	21.70	29.86	31.11
Under 1	35.17	6.19	34.98	14.71	15.95	16.62
1 & Under 2	30.46	5.36	4.63	1.95	2.44	2.54
2 & Over	210.29	37.02	12.00	5.05	11.47	11.95
Female Total	292.11	51.43	186.19	78.30	66.13	68.89
Under 1	44.67	7.86	46.62	19.60	18.58	19.36
1 & Under 2	36.72	6.46	4.99	2.09	6.43	6.70
2 & Over	210.72	37.10	134.58	59.60	41.12	42.84
Total Animal	568.03	100.00	237.80	100.00	95.99	100.00

Table 2. SOUTH GONDAR

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C,)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	19.37	66.54	10.68	21.27
Under 3	5.30	18.21	7.03	14.00
3 & Over	14.07	48.33	3.65	7.27
Female Total	9.74	33.46	39.53	78.73
Under 3	1.60	5.50	7.58	15.10
3 & Over	8.14	27.96	31.95	63.63
Total Animal	29.11	100.00	50.21	100.00

Table 3. SOUTH GONDAR

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	210.29	100.00	-	-	210.29	100.00
For Draught	183.64	87.33	-	-	183.64	187.33
For Beef	-	-	-	-	-	-
For Other	26.65	12.67	-	-	26.65	12.67
Female Cattle	209.23	100.00	1.49	100.00	210.72	-
For Milk	160.11	76.52	-	-	160.11	75.98
For Beef	0.68	0.33	1.49	100.00	2.17	1.03
For Other	48.44	23.15	-	-	48.44	22.99

Table 4. SOUTH GONDAR

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	12.00	100.00	-	-	12.00	100.00
For Mutton	2.84	23.67	-	-	2.84	23.67
For Other	9.16	76.33	-	-	9.16	76.33
Female Sheep	134.58	100.00	-	-	134.58	100.00
For Mutton	0.36	0.27	-	-	0.36	0.27
For Other	134.22	99.73	-	-	134.22	99.73

Table 5. SOUTH GONDAR

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	11.47	100.00	-	-	11.47	100.00
For Meat	5.37	46.82	-	-	5.37	46.82
For Other	6.10	53.18	-	-	6.10	53.18
Female Goats	41.12	100.00	-	-	41.12	100.00
For Meat	1.74	4.23	-	-	1.74	4.23
For Other	39.38	95.77	-	-	39.38	95.77

Table 6. SOUTH GONDAR

Number and Percentage Didstribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	358.68	100.00
Cockes	23.02	6.42
Cockrels	45.88	12.79
Chicks	289.78	80.79
Total Female	161.15	100.00
Pullets	30.96	19.21
Laying hens	96.66	59.98
Non-Laying hens	33.53	20.81

Table 1. DIRE DAWA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	13.68	34.78	11.05	36.10	24.50	32.89
Under 1	3.96	10.07	4.67	15.26	9.64	12.94
1 & Under 2	3.33	8.47	2.98	9.70	7.58	10.17
2 & Over	6.39	16.25	3.40	11.14	7.28	9.77
Female Total	25.65	65.22	19.56	63.90	50.00	67.11
Under 1	4.98	12.66	5.19	16.96	13.58	18.23
1 & Under 2	5.49	13.96	6.42	21.01	15.11	20.27
2 & Over	15.27	38.83	7.95	25.94	21.31	28.62
Total Animal	39.33	100.00	30.61	100.00	74.50	100.00

Table 2. DIRE DAWA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.00	0.00	4.42	61.73
Under 3	0.00	0.00	0.79	11.03
3 & Over	0.00	0.00	3.63	50.70
Female Total	0.00	0.00	2.74	38.27
Under 3	0.00	0.00	0.60	8.38
3 & Over	0.00	0.00	2.14	29.89
Total Animal	0.00	0.00	7.16	100.00

Table 3. DIRE DAWA

Number and Percentage Distribution of CAMELS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CAMELS	
	Number	Percent
Male Total	2.84	54.83
Under 4	0.49	9.46
4 & Over	2.35	45.37
Female Total	2.34	45.17
Under 4	0.47	9.07
4 & Over	1.87	36.10
Total Camels	5.18	100.00

Table 4. DIRE DAWA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	6.39	100.00	-	-	6.39	100.00
For Draught	4.63	72.46	-	-	4.63	72.46
For Beef	0.48	7.51	-	-	0.48	7.51
For Other	1.28	20.03	-	-	1.28	20.03
Female Cattle	15.24	100.00	0.03	100.00	15.27	100.00
For Milk	13.05	85.63	0.03	100.00	13.08	85.66
For Beef	0.10	0.66	-	-	0.10	0.65
For Other	2.09	13.71	-	-	2.09	13.69

Table 5. DIRE DAWA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male sheep	3.40	100.00	-	-	3.40	100.00
For Mutton	1.66	48.82	-	-	1.66	48.82
For Other	1.74	51.18	-	-	1.74	51.18
Female Sheep	7.95	100.00	-	-	7.95	100.00
For Mutton	0.72	9.06	-	-	0.72	9.06
For Other	7.23	90.94	-	-	7.23	90.94

Table 6. DIRE DAWA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	7.28	100.00	-	-	7.28	100.00
For Meat	3.60	49.45	-	-	3.60	49.45
For Other	3.68	50.55	-	-	3.68	50.55
Female Goats	21.31	100.00	-	-	21.31	100.00
For Meat	1.02	4.79	-	-	1.02	4.79
For Other	20.29	95.21	-	-	20.29	95.21

Table 7. DIRE DAWA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	30.49	100.00
Cockes	9.82	32.21
Cockrels	4.27	14.00
Chicks	16.40	53.79
Total Female	33.93	100.00
Pullets	10.27	30.27
Laying hens	19.07	56.20
Non-Laying hens	4.59	13.53

Table 1. EAST HARARGHE

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	306.49	40.60	66.61	35.84	111.56	29.54
Under 1	68.03	9.01	22.72	12.23	44.63	11.82
1 & Under 2	50.60	6.70	14.30	7.70	20.69	5.48
2 & Over	187.86	24.88	29.59	15.92	46.24	12.24
Female total	448.48	59.40	119.22	64.16	266.12	70.46
Under 1	76.85	10.18	25.96	13.97	68.04	18.02
1 & Under 2	62.13	8.23	21.57	11.61	43.99	11.64
2 & Over	309.50	41.00	71.69	38.58	154.09	40.80
Total Animal	754.96	100.00	185.83	100.00	377.68	100.00

Table 2. EAST HARARGHE

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.41	9.67	58.44	57.04
Under 3	0.41	9.67	4.43	4.32
3 & Over	0.00	0.00	54.01	52.71
Female Total	3.83	90.33	44.02	42.96
Under 3	0.44	10.38	7.73	7.54
3 & Over	3.39	79.95	36.29	35.42
Total Animal	4.24	100.00	102.46	100.00

Table 3. EAST HARARGHE

Number and Percentage Distribution of CAMELS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CAMELS	
	Number	Percent
Male Total	5.31	52.78
Under 4	1.06	10.54
4 & Over	4.25	42.25
Female Total	4.75	47.22
Under 4	1.87	18.59
4 & Over	2.88	28.63
Total Camels	10.06	100.00

Table 4. EAST HARARGHE

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	187.86	100.00	-	-	187.86	100.00
For Draught	172.74	91.95	-	-	172.74	91.95
For Beef	6.51	3.47	-	-	6.51	3.47
For Other	8.61	4.58	-	-	8.61	4.58
Female Cattle	306.87	100.00	2.63	100.00	309.50	100.00
For Milk	275.82	89.88	-	-	275.82	89.12
For Beef	6.99	2.28	2.63	100.00	9.62	3.11
For Other	24.06	7.84	-	-	24.06	7.77

Table 5. EAST HARARGHE

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	29.59	100.00	-	-	29.59	100.00
For Mutton	16.04	54.21	-	-	16.04	54.21
For Other	13.55	45.79	-	-	13.55	45.79
Female Sheep	71.69	100.00	-	-	71.69	100.00
For Mutton	11.53	16.08	-	-	11.53	16.08
For Other	60.16	83.92	-	-	60.16	83.92

Table 6. EAST HARARGHE

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	46.24	100.00	-	-	46.24	100.00
For Meat	22.82	49.35	-	-	22.82	49.35
For Other	23.42	50.65	-	-	23.42	50.65
Female Goats	154.09	100.00	-	-	154.09	100.00
For Meat	23.69	15.37	-	-	23.69	15.37
For Other	130.40	84.63	-	-	130.40	84.63

Table 7.

EAST HARARGHE

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Sex and Purpose	Number in Thousands	Percent
Total Male	493.20	100.00
Cockes	94.06	19.07
Cockrels	77.03	15.62
Chicks	322.11	65.31
Total Female	416.41	100.00
Pullets	119.92	28.80
Laying hens	166.02	39.87
Non-Laying hens	130.47	31.33

Table 1. WEST HARARGHE

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	274.66	46.63	28.90	34.89	91.20	37.72
Under 1	39.45	6.70	9.73	11.75	34.69	14.35
1 & Under 2	49.63	8.43	6.48	7.82	22.11	9.15
2 & Over	185.58	31.51	12.69	15.32	34.40	14.23
Female Total	314.33	53.37	53.94	65.11	150.57	62.28
Under 1	60.60	10.29	10.60	12.78	37.42	15.48
1 & Under 2	50.78	8.62	7.25	8.74	21.11	8.73
2 & Over	202.95	34.46	36.09	43.59	92.04	38.07
Total Animal	588.99	100.00	82.84	100.00	241.77	100.00

Table 2. WEST HARARGHE

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	1.27	50.40	41.31	52.50
Under 3	0.30	11.90	5.64	7.17
3 & Over	0.97	38.49	35.67	45.33
Female Total	1.25	49.60	37.38	47.50
Under 3	0.19	7.54	6.50	8.26
3 & Over	1.06	42.06	30.88	39.24
Total Animal	2.52	100.00	78.69	100.00

Table 3. WEST HARARGHE

Number and Percentage Distribution of CAMELS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CAMELS	
	Number	Percent
Male Total	2.02	50.00
Under 4	0.40	9.90
4 & Over	1.62	40.10
Female Total	2.02	50.00
Under 4	0.00	0.00
4 & Over	2.02	50.00
Total Camels	4.04	100.00

Tabel 4. WEST HARARGHE

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	185.58	100.00	-	-	185.58	100.00
For Draught	176.42	95.06	-	-	176.42	95.06
For Beef	5.56	3.00	-	-	5.56	3.00
For Other	3.60	1.94	-	-	3.60	1.94
Female Cattle	202.95	100.00	-	-	202.95	100.00
For Milk	183.56	90.45	-	-	183.56	90.45
For Beef	7.47	3.68	-	-	7.47	3.68
For Other	11.92	5.87	-	-	11.92	5.87

Table 5. WEST HARARGHE

SHEEP Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	12.69	100.00	-	-	12.69	100.00
For Mutton	10.87	85.66	-	-	10.87	85.66
For Other	1.82	14.34	-	-	1.82	14.34
Female Sheep	36.09	100.00	-	-	36.09	100.00
For Mutton	5.62	15.57	-	-	5.62	15.57
For Other	30.47	84.43	-	-	30.47	84.43

Table 6. WEST HARARGHE

GOAT Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	34.40	100.00	-	-	34.40	100.00
For Meat	26.42	76.80	-	-	26.42	76.80
For Other	7.98	23.20	-	-	7.98	23.20
Female Goats	92.04	100.00	-	-	92.04	100.00
For Meat	9.19	10.68	-	-	9.19	10.68
For Other	82.85	89.32	-	-	82.85	89.32

Table 7.

WEST HARARGHE

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	475.03	100.00
Cockes	86.89	18.29
Cockrels	62.84	13.23
Chicks	325.30	68.48
Total Female	357.00	100.00
Pullets	109.72	30.73
Laying hens	147.79	41.40
Non-Laying hens	99.49	27.87

Table 1. GAMBELA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	7.35	38.99	3.83	37.33	6.91	27.20
Under 1	1.48	7.85	1.55	15.11	3.72	14.65
1 & Under 2	1.69	8.97	1.39	13.55	2.30	9.06
2 & Over	4.18	22.18	0.89	8.67	0.89	3.50
Female Total	11.50	61.01	6.43	62.67	18.49	72.80
Under 1	1.57	8.33	1.73	16.86	6.40	25.20
1 & Under 2	1.82	9.66	1.87	18.23	8.64	34.02
2 & Over	8.11	43.02	2.83	27.58	3.45	13.58
Total Animal	18.85	100.00	10.26	100.00	25.40	100.00

Table 2. GAMBELA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.25	64.10	0.44	88.00
Under 3	0.08	20.51	0.06	12.00
3 & Over	0.17	43.59	0.38	76.00
Female Total	0.14	35.90	0.06	12.00
Under 3	0.00	0.00	0.00	0.00
3 & Over	0.14	35.90	0.06	12.00
Total Animal	0.39	100.00	0.50	100.00

Table 3. GAMBELA

CATTLE population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	4.18	100.00	-	-	4.18	100.00
For Draught	3.65	87.32	-	-	3.65	87.32
For Beef	-	-	-	-	-	-
For Other	0.53	12.68	-	-	0.53	12.68
Female Cattle	8.11	100.00	-	-	8.11	100.00
For Milk	6.33	78.05	-	-	6.33	78.05
For Beef	0.23	2.84	-	-	0.23	2.84
For Other	1.55	19.11	-	-	1.55	19.11

Table 4. GAMBELA

SHEEP Population Aged Two Years and Over By Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	0.89	100.00	-	-	0.89	100.00
For Mutton	0.48	53.93	-	-	0.48	53.93
For Other	0.41	46.07	-	-	0.41	46.07
Female Sheep	2.83	100.00	-	-	2.83	100.00
For Mutton	0.67	23.67	-	-	0.67	23.67
For Other	2.16	76.33	-	-	2.16	76.33

Table 5. GAMBELA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	0.89	100.00	-	-	0.89	100.00
For Meat	0.84	94.38	-	-	0.84	94.38
For Other	0.05	5.62	-	-	0.05	5.62
Female Goats	3.45	100.00	-	-	3.45	100.00
For Meat	3.22	93.33	-	-	3.22	93.33
For Other	0.23	6.67	-	-	0.23	6.67

Table 6. GAMBELA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	76.04	100.00
Cockes	9.37	12.32
Cockrels	11.44	15.04
Chicks	55.23	72.64
Total Female	42.83	100.00
Pullets	14.52	33.90
Laying hens	18.64	43.52
Non-Laying hens	9.67	22.58

Table 1. ILUBABOR

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	612.28	48.72	113.85	30.52	60.27	32.14
Under 1	86.40	6.88	59.42	15.93	36.55	19.49
1 & Under 2	93.31	7.43	28.00	7.51	8.77	4.68
2 & Over	432.57	34.42	26.43	7.09	14.95	7.97
Female Total	644.43	51.28	259.15	69.48	127.27	67.86
Under 1	106.05	8.44	56.39	15.12	30.70	16.37
1 & Under 2	94.75	7.54	37.08	9.94	20.54	10.95
2 & Over	443.63	35.30	165.68	44.42	76.03	40.54
Total Animal	1256.71	100.00	373.00	100.00	187.54	100.00

Table 2. ILUBABOR

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	24.41	47.80	17.71	68.62
Under 3	5.78	11.32	2.15	8.33
3 & Over	18.63	36.48	15.56	60.29
Female Total	26.66	52.20	8.10	31.38
Under 3	6.28	12.30	2.11	8.18
3 & Over	20.38	39.91	5.99	23.21
Total Animal	51.07	100.00	25.81	100.00

Table 3. ILUBABOR

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	431.96	100.00	0.61	100.00	432.57	100.00
For Draught	391.85	90.71	-	-	391.85	90.59
For Beef	4.91	1.14	0.61	100.00	5.52	1.28
For Other	35.20	8.15	-	-	35.20	8.13
Female Cattle	442.61	100.00	1.02	100.00	443.63	100.00
For Milk	344.62	77.86	1.02	100.00	345.64	77.91
For Beef	5.14	1.16	-	-	5.14	1.16
For Other	92.85	20.98	-	-	92.85	20.93

Table 4. ILUBABOR

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	26.43	100.00	-	-	26.43	100.00
For Mutton	17.69	66.93	-	-	17.69	66.93
For Other	8.74	33.07	-	-	8.74	33.07
Female Sheep	165.68	100.00	-	-	165.68	100.00
For Mutton	48.24	29.12	-	-	48.24	29.12
For Other	117.44	70.88	-	-	117.44	70.88

Table 5. ILUBABOR

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C)

Number in Thousands

	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	14.95	100.00	-	-	14.95	100.00
For Meat	8.48	56.72	-	-	8.48	56.72
For Other	6.47	43.28	-	-	6.47	43.28
Female Goats	76.03	100.00	-	-	76.03	100.00
For Meat	16.37	21.53	-	-	16.37	21.53
For Other	59.66	78.47	-	-	59.66	78.47

Table 6. ILUBABOR

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	725.58	100.00
Cockes	126.70	17.46
Cockrels	97.19	13.39
Chicks	501.69	69.15
Total Female	492.78	100.00
Pullets	155.65	31.59
Laying hens	231.43	46.96
Non-Laying hens	105.70	21.45

Table 1. KEFFA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	187.46	45.72	72.72	34.29	25.34	28.50
Under 1	24.78	6.04	26.11	12.31	8.48	9.54
1 & Under 2	27.13	6.62	22.27	10.50	4.76	5.35
2 & Over	135.55	33.06	24.34	11.48	12.10	13.61
Female Total	222.58	54.28	139.34	65.71	63.58	71.50
Under 1	31.74	7.74	27.80	13.11	14.13	15.89
1 & Under 2	38.32	9.35	25.14	11.86	11.45	12.88
2 & Over	152.52	37.20	86.40	40.74	38.00	42.74
Total Animal	410.04	100.00	212.06	100.00	88.92	100.00

Table 2. KEFFA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male total	11.72	45.34	0.69	100.00
Under 3	3.17	12.26	0.00	0.00
3 & Over	8.55	33.08	0.69	100.00
Female Total	14.13	54.66	0.00	0.00
Under 3	2.48	9.59	0.00	0.00
3 & Over	11.65	45.07	0.00	0.00
Total Animal	25.85	100.00	0.69	100.00

Table 3. KEFFA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	135.55	100.00	-	-	135.55	100.00
For Draught	103.15	76.09	-	-	103.15	76.09
For Beef	1.05	0.77	-	-	1.05	0.77
For Other	31.35	23.14	-	-	31.35	23.14
Feamle Cattle	152.36	100.00	0.16	100.00	152.52	100.00
For Milk	112.45	73.81	-	-	112.45	73.73
For Beef	1.81	1.19	0.16	100.00	1.97	1.29
For Other	38.10	25.00	-	-	38.10	24.98

Table 4. KEFFA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	24.17	100.00	0.17	100.00	24.34	100.00
For Mutton	8.92	36.91	0.17	100.00	9.09	37.35
For Other	15.25	63.09	-	-	15.25	62.65
Female Sheep	86.40	100.00	-	-	86.40	100.00
For Mutton	20.59	23.83	-	-	20.59	23.83
For Other	65.81	76.17	-	-	65.81	76.17

Table 5. KEFFA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	12.10	100.00	-	-	12.10	100.00
For Meat	5.22	43.14	-	-	5.22	43.14
For Other	6.88	56.86	-	-	6.88	56.86
Female Goat	37.26	100.00	0.74	100.00	38.00	100.00
For Meat	13.09	35.13	0.74	100.00	13.83	36.39
For Other	24.17	64.87	-	-	24.17	63.61

Table 6. KEFFA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	481.84	100.00
Cockes	89.51	18.58
Cockrels	82.50	17.12
Chicks	309.83	64.30
Total Female	340.70	100.00
Pullets	128.16	37.62
Laying Hens	135.63	39.81
Non-Laying Hens	76.91	22.57

Table 1. ADDIS ABABA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	208.82	46.49	43.74	31.03	21.68	44.09
Under 1	22.13	4.93	21.32	15.12	7.42	15.09
1 & Under 2	31.49	7.01	10.42	7.38	5.66	11.51
2 & Over	155.20	34.55	12.00	8.52	8.60	17.49
Female Total	240.35	53.51	97.24	68.97	27.49	55.91
Under 1	33.25	7.40	23.53	16.69	6.98	14.20
1 & Under 2	34.53	7.69	20.31	14.41	6.63	13.50
2 & Over	172.57	38.42	53.40	37.88	13.88	28.21
Total Animal	449.17	100.00	140.98	100.00	49.17	100.00

Table 2. ADDIS ABABA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	14.03	54.78	28.29	45.91
Under 3	1.38	5.39	4.50	7.30
3 & Over	12.65	49.39	23.79	38.61
Female Total	11.58	45.22	33.33	54.09
Under 3	2.35	9.18	4.69	7.61
3 & Over	9.23	36.04	28.64	46.48
Total Animal	25.61	100.00	61.62	100.00

Table 3. ADDIS ABABA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	154.96	100.00	0.24	100.00	155.20	100.00
For Draught	131.94	85.14	-	-	131.94	85.01
For Beef	2.51	1.62	0.24	100.00	2.75	1.77
For Other	20.51	13.24	-	-	20.51	13.22
Female Cattle	171.27	100.00	1.30	100.00	172.57	100.00
For Milk	126.03	73.59	1.30	100.00	127.33	73.78
For Beef	2.85	1.66	-	-	2.85	1.65
For Other	42.39	24.75	-	-	42.39	24.57

Table 4. ADDIS ABABA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	12.00	100.00	-	-	12.00	100.00
For Mutton	10.30	85.83	-	-	10.30	85.83
For Other	1.70	14.17	-	-	1.70	14.17
Female Sheep	53.40	100.00	-	-	53.40	100.00
For Mutton	28.36	53.11	-	-	28.36	53.11
For Other	25.04	46.89	-	-	25.04	46.89

Table 5. ADDIS ABABA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goat	8.44	100.00	0.16	100.00	8.60	100.00
For Meat	6.60	97.29	0.16	100.00	6.76	97.29
For Other	1.84	2.71	-	-	1.84	2.71
Female Goat	13.64	100.00	0.24	100.00	13.88	100.00
For Meat	5.29	38.78	0.24	100.00	5.53	39.84
For Other	8.35	61.22	-	-	8.35	60.16

Table 6. ADDIS ABABA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in thousands

Sex and Purpose	Number	Percent
Total Male	214.03	100.00
Cockes	21.19	9.90
Cockrels	6.31	2.95
Chicks	186.53	87.15
Total Female	95.55	100.00
Pullets	21.10	22.08
Laying hens	57.22	59.88
Non-Laying Hens	17.23	18.03

Table 1. EAST SHOA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	200.60	62.45	20.40	34.82	47.23	40.38
Under 1	17.61	5.48	8.76	14.95	18.15	15.52
1 & Under 2	21.64	6.74	4.33	7.37	11.84	10.12
2 & Over	161.35	50.23	7.31	12.50	17.24	14.74
Female Total	120.61	37.55	38.18	65.18	69.74	59.62
Under 1	17.71	5.51	8.52	14.54	22.45	19.19
1 & Under 2	19.79	6.16	11.31	19.29	18.14	15.52
2 & Over	83.11	25.87	18.35	31.34	29.15	24.91
Total Animal	321.21	100.00	58.58	100.00	116.97	100.00

Table 2. EAST SHOA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	1.07	88.43	35.17	44.41
Under 3	0.00	0.00	3.32	4.19
3 & Over	1.07	88.43	31.85	40.22
Female Total	0.14	11.57	44.02	55.59
Under 3	0.00	0.00	4.69	5.92
3 & Over	0.14	11.57	39.33	49.67
Total Animal	1.21	100.00	79.19	100.00

Table 3. EAST SHOA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	161.35	100.00	-	-	161.35	100.00
For Draught	152.57	94.56	-	-	152.57	94.56
For Beef	3.75	2.32	-	-	3.75	2.32
For Other	5.03	3.12	-	-	5.03	3.12
Female Cattle	81.31	100.00	1.80	100.00	83.11	100.00
For Milk	69.90	85.97	-	-	69.90	84.10
For Beef	3.75	4.61	1.80	100.00	5.55	6.68
For Other	7.66	9.42	-	-	7.66	9.22

Table 4. EAST SHOA

SHEEP Population, Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	7.31	100.00	-	-	7.31	100.00
For Mutton	6.36	87.00	-	-	6.36	87.00
For Other	0.95	13.00	-	-	0.95	13.00
Female Sheep	18.21	100.00	0.14	100.00	18.35	100.00
For Mutton	8.62	47.34	0.14	100.00	8.76	47.74
For Other	9.59	52.66	-	-	9.59	52.26

Table 5. EAST SHOA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	17.24	100.00	-	-	17.24	100.00
For Meat	12.02	69.72	-	-	12.02	69.72
For Other	5.22	30.28	-	-	5.22	30.28
Female Goats	26.67	100.00	2.48	100.00	29.15	100.00
For Meat	17.38	65.17	2.48	100.00	19.86	68.13
For Other	9.29	34.83	-	-	9.29	31.87

Table 6. EAST SHOA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (198 E.C)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	246.93	100.00
Cockes	39.43	15.97
Cockrels	28.59	11.58
Chicks	178.91	72.45
Total Female	161.78	100.00
Pullets	36.94	22.83
Laying Hens	85.74	53.00
Non-Laying hens	39.10	24.17

Table 1. NORTH SHOA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	637.15	51.78	399.02	33.43	161.61	41.02
Under 1	64.66	5.25	178.39	14.81	46.07	11.69
1 & Under 2	81.71	6.64	53.05	4.31	32.75	8.31
2 & Over	490.78	39.88	167.58	13.31	82.79	21.01
Female Total	593.43	48.22	794.70	66.57	232.35	58.98
Under 1	96.18	7.82	193.50	16.18	63.83	16.20
1 & Under 2	81.37	6.61	109.59	9.15	42.26	10.73
2 & Over	415.88	33.80	491.61	41.25	126.26	32.05
Total Animal	1230.58	100.00	1193.72	100.00	393.96	100.00

Table 2. NORTH SHOA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	22.02	38.64	80.13	38.56
Under 3	5.72	10.04	27.25	13.11
3 & Over	16.30	28.60	52.88	25.44
Female Total	34.97	61.36	127.70	61.44
Under 3	8.61	15.11	29.62	14.25
3 & Over	26.36	46.25	98.08	47.19
Total Animal	56.99	100.00	207.83	100.00

Table 3. NORTH SHOA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	489.85	100.00	0.93	100.00	490.78	100.00
For Draught	458.06	93.51	-	-	458.06	93.33
For Beef	17.48	3.57	0.93	100.00	18.41	3.75
For Other	14.31	2.92	-	-	14.31	2.92
Female Cattle	412.68	100.00	3.20	100.00	415.88	100.00
For Milk	302.84	73.38	2.69	84.06	305.53	73.47
For Beef	10.84	2.63	0.51	15.94	11.35	2.73
For Other	99.00	23.99	-	-	99.00	23.80

Table 4. NORTH SHOA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	167.58	100.00	-	-	167.58	100.00
For Mutton	67.82	40.47	-	-	67.82	40.47
For Other	99.76	59.53	-	-	99.76	59.53
Female Sheep	491.42	100.00	0.19	100.00	491.61	100.00
For Mutton	83.83	17.06	0.19	100.00	84.02	17.09
For Other	407.59	82.94	-	-	407.59	82.91

Table 5. NORTH SHOA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	82.79	100.00	-	-	82.79	100.00
For Meat	56.34	68.05	-	-	56.34	68.05
For Other	26.45	31.95	-	-	26.45	31.95
Female Goats	126.26	100.00	-	-	126.26	100.00
For Meat	50.52	40.01	-	-	50.52	40.01
For Other	75.74	59.99	-	-	75.74	59.99

Table 6. NORTH SHOA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	632.74	100.00
Cockes	135.74	21.45
Cockrels	91.08	14.39
Chicks	405.92	64.16
Total Female	613.39	100.00
Pullets	141.94	23.14
Laying Hens	360.61	58.79
Non-Laying Hens	110.84	18.07

Table 1. SOUTH SHOA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	834.83	41.05	101.53	29.48	245.08	40.42
Under 1	163.80	8.05	42.11	12.23	107.46	17.72
1 & Under 2	139.95	6.88	28.60	8.31	70.78	11.67
2 & Over	531.08	26.12	30.82	8.95	66.84	11.02
Female Total	1198.72	58.95	242.89	70.52	361.31	59.58
Under 1	187.32	9.20	50.69	14.72	98.07	16.17
1 & Under 2	193.33	9.49	63.41	18.41	75.24	12.41
2 & Over	818.07	40.26	128.79	37.39	188.00	31.00
Total Animal	2033.55	100.00	344.42	100.00	606.39	100.00

Table 2. SOUTH SHOA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	48.75	51.91	79.15	49.45
Under 3	6.40	6.81	15.25	9.53
3 & Over	42.35	45.09	63.90	39.93
Female Ttoal	45.17	48.09	80.90	50.55
Under 3	7.89	8.40	12.37	7.73
3 & Over	37.28	39.69	68.53	42.82
Total Animal	93.92	100.00	160.05	100.00

Table 3. SOUTH SHOA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	531.08	100.00	-	-	531.08	100.00
For Draught	490.70	92.40	-	-	490.70	92.40
For Beef	7.91	1.49	-	-	7.91	1.49
For Other	32.47	6.11	-	-	32.47	6.11
Female Cattle	814.80	100.00	3.27	100.00	818.07	100.00
For Milk	752.82	92.39	2.04	62.39	754.86	92.27
For Beef	11.96	1.47	1.23	37.61	13.19	1.61
For Other	50.02	6.14	-	-	50.02	6.12

Table 4. SOUTH SHOA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	30.82	100.00	-	-	30.82	100.00
For Mutton	25.01	81.15	-	-	25.01	81.15
For Other	5.81	18.85	-	-	5.81	18.85
Female Sheep	127.98	100.00	0.81	100.00	128.79	100.00
For Mutton	104.04	81.29	0.81	100.00	104.85	81.41
For Other	23.94	18.71	-	-	23.94	18.59

Table 5. SOUTH SHOA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	65.52	100.00	1.32	100.00	66.84	100.00
For Meat	60.34	92.09	1.32	100.00	61.66	92.25
For Other	5.18	7.91	-	-	5.18	7.75
Female Goats	184.86	100.00	3.14	100.00	188.00	100.00
For meat	159.04	86.03	3.14	100.00	162.18	86.27
For Other	25.82	13.97	-	-	25.82	13.73

Table 6. SOUTH SHOA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percnet
Total Male	1485.35	100.00
Cockes	207.05	13.94
Cockrels	222.63	14.99
Chicks	1055.67	71.07
Total Female	824.01	100.00
Pullets	275.44	33.43
Laying Hens	385.92	46.83
Non-Laying Hens	162.65	19.74

Table 1. WEST SHOA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	674.23	37.53	121.89	28.38	73.48	38.74
Under 1	156.63	8.68	62.71	14.60	33.71	17.77
1 & Under 2	105.61	5.84	18.73	4.36	10.48	5.53
2 & Over	411.99	23.01	40.45	9.42	29.29	15.44
Female Total	1122.15	62.47	307.55	71.62	116.19	61.26
Under 1	155.93	8.68	79.64	18.37	27.91	14.72
1 Under 2	138.41	7.70	36.76	8.39	13.94	7.35
2 & Over	827.81	46.08	191.15	44.86	74.34	39.19
Total Animal	1796.38	100.00	429.44	100.00	189.67	100.00

Table 2. WEST SHOA

Number and Percentage Distribution of HORSES and ASSES By Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	64.51	54.88	19.43	30.13
Under 3	9.48	8.07	3.84	5.96
3 & Over	55.03	46.82	15.59	24.18
Female Total	53.03	45.12	45.05	69.87
Under 3	12.04	10.24	10.95	16.98
3 & Over	40.99	34.87	34.10	52.88
Total Animal	117.54	100.00	64.48	100.00

Table 3. WEST SHOA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	411.16	100.00	0.83	100.00	411.99	100.00
For Draught	344.15	83.70	-	-	344.15	83.53
For Beef	14.15	3.44	0.83	100.00	14.98	3.64
For Other	52.86	12.86	-	-	52.86	12.83
Female Cattle	821.40	100.00	6.41	100.00	827.81	100.00
For Milk	611.88	74.49	2.04	31.83	613.92	74.16
For Beef	12.24	1.49	4.37	68.17	16.61	2.01
For Other	197.30	24.02	-	-	197.30	23.83

Table 4. WEST SHOA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	40.45	100.00	-	-	40.45	100.00
For Mutton	33.33	82.40	-	-	33.33	82.40
For Other	7.12	17.60	-	-	7.12	17.60
Female Sheep	191.15	100.00	-	-	191.15	100.00
For Mutton	50.43	26.38	-	-	50.43	26.38
For Other	140.72	73.62	-	-	140.72	73.62

Table 5. WEST SHOA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	29.29	100.00	-	-	29.29	100.00
For Meat	18.81	64.22	-	-	18.81	64.22
For Other	10.48	35.78	-	-	10.48	35.78
Female Goats	74.34	100.00	-	-	74.34	100.00
For Meat	10.67	14.35	-	-	10.67	14.35
For Other	63.67	85.65	-	-	63.67	85.65

Table 6. WEST SHOA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	563.05	100.00
Cockes	94.81	16.84
Cockrels	72.24	12.83
Chicks	396.00	70.33
Total Female	379.03	100.00
Pullets	99.47	26.24
Laying hens	195.02	51.45
Non-Laying Hens	84.54	22.30

Table 1. BORENA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	159.48	36.10	31.64	32.06	88.36	32.38
Under 1	36.81	8.33	12.22	12.38	35.44	12.99
1 & Under 2	32.02	7.25	7.14	7.24	20.34	7.45
2 & Over	90.65	20.52	12.28	12.44	32.58	11.94
Female Total	282.24	63.90	67.04	67.94	184.53	67.62
Under 1	45.82	10.31	15.22	15.42	45.54	16.69
1 & Under 2	31.95	7.17	9.94	10.00	34.47	12.64
2 & Over	204.47	46.41	41.88	42.51	104.52	38.30
Total Animal	441.72	100.00	98.68	100.00	272.89	100.00

Table 2. BORENA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	7.36	66.49	6.54	41.39
Under 3	1.39	12.56	1.07	6.77
3 & Over	5.97	53.93	5.47	34.62
Female Total	3.71	33.51	9.26	58.61
Under 3	0.61	5.51	1.59	10.06
3 & Over	3.10	28.00	7.67	48.54
Total Animal	11.07	100.00	15.80	100.00

Table 3. BORENA

Number and Percentage Distribution of CAMELS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CAMELS	
	Number	Percent
Male total	5.24	62.83
Under 4	0.95	11.39
4 & Over	4.29	51.44
Female Total	3.10	37.17
Under 4	0.76	9.11
4 & Over	2.34	28.06
Total Camels	8.34	100.00

Table 4. BORENA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	90.65	100.00	-	-	90.65	100.00
For Draught	47.43	52.32	-	-	47.43	52.32
For Beef	20.36	22.46	-	-	20.36	22.46
For Other	22.86	25.22	-	-	22.86	25.22
Female Cattle	203.81	100.00	0.66	100.00	204.47	100.00
For Milk	161.81	79.39	-	-	161.81	79.14
For Beef	2.38	1.17	0.66	100.00	3.04	1.49
For Other	39.62	19.44	-	-	39.62	19.37

Table 5. BORENA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	12.28	100.00	-	-	12.28	100.00
For Mutton	8.07	65.72	-	-	8.07	65.72
For Other	4.21	34.28	-	-	4.21	34.28
Female Sheep	41.88	100.00	-	-	41.88	100.00
For Mutton	1.56	3.72	-	-	1.56	3.72
For Other	40.32	96.28	-	-	40.32	96.28

Table 6. BORENA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	32.58	100.00	-	-	32.58	100.00
For Meat	15.95	48.96	-	-	15.95	48.96
For Other	16.63	51.04	-	-	16.63	51.04
Female Goats	104.52	100.00	-	-	104.52	100.00
For Meat	3.45	3.30	-	-	3.45	3.30
For Other	101.07	96.70	-	-	101.07	96.70

Table 7. **BORENA**

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	108.56	100.00
Cockes	21.54	19.84
Cockrels	19.64	18.09
Chicks	67.38	62.07
Total Female	90.20	100.00
Pullets	31.13	34.51
Laying Hens	38.34	42.51
Non-Laying Hens	20.73	22.98

Table 1. SIDAMO

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	652.86	25.88	121.70	28.81	221.48	31.07
Under 1	186.31	7.39	46.12	10.92	83.06	11.65
1 & Under 2	159.58	6.33	31.09	7.36	67.63	9.49
2 & Over	306.97	12.17	44.49	10.53	70.79	9.93
Female Total	1869.49	74.12	300.79	71.19	491.34	68.93
Under 1	249.56	9.89	63.27	14.98	125.05	17.54
1 & Under 2	274.18	10.87	56.87	13.46	136.11	19.09
2 & Over	1345.75	53.35	180.65	42.76	230.18	32.39
Total Animal	2522.35	100.00	422.49	100.00	712.82	100.00

Table 2. SIDAMO

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	61.93	51.57	55.34	49.73
Under 3	10.17	8.47	13.95	12.54
3 & Over	51.76	43.10	41.39	37.20
Female Total	58.15	48.43	55.93	50.27
Under 3	10.36	8.63	8.40	7.55
3 & Over	47.79	39.80	47.53	42.72
Total Animal	120.08	100.00	111.27	100.00

Table 3. SIDAMO

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	306.97	100.00	-	-	306.97	100.00
For Draught	138.87	45.24	-	-	138.87	45.24
For Beef	62.77	20.45	-	-	62.77	20.45
For Other	105.33	34.31	-	-	105.33	34.31
Female Cattle	1343.53	100.00	2.22	100.00	1345.75	100.00
For Milk	1013.78	75.46	-	-	1013.78	75.33
For Beef	32.45	2.42	2.22	100.00	34.67	2.58
For Other	297.30	22.12	-	-	297.30	22.09

Table 4. SIDAMO

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	44.49	100.00	-	-	44.49	100.00
For Mutton	22.27	50.06	-	-	22.27	50.06
For Other	22.22	49.94	-	-	22.22	49.94
Female Sheep	180.65	100.00	-	-	180.65	100.00
For Mutton	3.71	2.05	-	-	3.71	2.05
For Other	176.94	97.95	-	-	176.94	97.95

Table 5. SIDAMO

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	70.79	100.00	-	-	70.79	100.00
For Meat	54.32	76.73	-	-	54.32	76.73
For Other	16.47	23.27	-	-	16.47	23.27
Female Goats	230.18	100.00	-	-	230.18	100.00
For Meat	24.02	10.44	-	-	24.02	10.44
For Other	206.16	89.56	-	-	206.16	89.56

Table 6. SIDAMO

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	1018.43	100.00
Cockes	129.72	12.74
Cockrels	126.56	12.43
Chicks	762.15	74.83
Total Female	553.30	100.00
Pullets	185.69	33.56
Laying hens	201.38	36.40
Non-Laying hens	166.23	30.04

Table. ASOSA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	44.10	41.31	16.63	26.55	1.99	17.90
Under 1	7.81	7.32	13.33	21.28	1.40	12.59
1 & Under 2	8.85	8.29	0.50	0.81	0.13	1.08
2 & Over	27.44	25.70	2.80	4.45	0.46	4.23
Female Total	62.65	58.69	46.00	73.45	9.13	82.10
Under 1	9.16	8.58	10.42	16.64	2.24	20.14
1 & Under 2	11.68	10.95	7.59	12.12	2.05	18.53
2 & Over	41.81	39.16	27.99	44.69	4.84	43.43
Total Animal	106.75	100.00	62.63	100.00	11.12	100.00

Table 2. ASOSA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.00	0.00	3.67	38.55
Under 3	0.00	0.00	1.10	11.55
3 & Over	0.00	0.00	2.57	27.00
Female Total	0.00	0.00	5.85	61.45
Under 3	0.00	0.00	1.17	12.29
3 & over	0.00	0.00	4.68	49.16
Total Animal	0.00	0.00	9.52	100.00

Table 3. ASOSA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	27.44	100.00	-	-	27.44	100.00
For Draught	21.48	78.28	-	-	21.48	78.28
For Beef	1.72	6.27	-	-	1.72	6.27
For Other	4.24	15.45	-	-	4.24	15.45
Female Cattle	41.61	100.00	0.20	100.00	41.81	100.00
For Milk	36.02	86.57	-	-	36.02	86.15
For Beef	0.99	2.38	0.20	100.00	1.19	2.85
For Other	4.60	11.05	-	-	4.60	11.00

Table 4. ASOSA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	2.80	100.00	-	-	2.80	100.00
For Mutton	0.08	2.86	-	-	0.08	2.86
For Other	2.72	97.14	-	-	2.72	97.14
Female Sheep	27.99	100.00	-	-	27.99	100.00
For Mutton	7.11	25.40	-	-	7.11	25.40
For Other	20.88	74.60	-	-	20.88	74.60

Table 5. ASOSA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	0.46	100.00	-	-	0.46	100.00
For Meat	0.12	26.09	-	-	0.12	26.09
For Other	0.34	73.91	-	-	0.34	73.91
Female Goats	4.84	100.00	-	-	4.84	100.00
For Meat	0.72	14.88	-	-	0.72	14.88
For Other	4.12	85.12	-	-	4.12	85.12

Table 6. ASOSA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	127.77	100.00
Cockes	19.07	14.93
Cockrels	13.85	10.84
Chicks	94.85	74.23
Total Female	72.78	100.00
Pullets	27.79	38.18
Laying Hens	34.47	47.36
Non-Laying Hens	10.52	14.46

Table 1. WELLEGA

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	679.99	50.09	73.95	27.54	27.57	28.12
Under 1	75.06	5.53	43.48	16.19	16.60	16.93
1 & Under 2	71.80	5.25	15.52	5.78	6.53	6.66
2 & Over	533.13	39.31	14.95	5.57	4.44	4.53
Female Total	677.58	49.91	194.56	72.46	70.49	71.88
Under 1	79.18	5.83	60.68	22.60	22.50	22.95
1 & Under 2	77.72	5.71	30.88	11.50	12.15	12.39
2 & Over	520.68	38.37	103.00	38.36	35.84	36.55
Total Animal	1357.57	100.00	268.51	100.00	98.06	100.00

Table 2. WELLEGA

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	3.88	70.29	24.26	49.69
Under 3	0.23	4.17	5.46	11.18
3 & Over	3.65	66.12	18.80	38.51
Female Total	1.64	29.71	24.56	50.31
Under 3	0.92	16.67	3.75	7.68
3 & Over	0.72	13.04	20.81	42.63
Total Animal	5.52	100.00	48.82	100.00

Table 3. WELLEGA

CATTLE Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	533.13	100.00	-	-	533.13	100.00
For Draught	284.58	53.38	-	-	284.58	53.38
For Beef	172.25	32.31	-	-	172.25	32.31
For Other	76.30	14.31	-	-	76.30	14.31
Female Cattle	440.05	100.00	80.63	100.00	520.68	100.00
For Milk	327.58	74.44	38.52	47.77	366.10	70.31
For Beef	26.58	6.04	42.11	52.23	68.69	13.19
For Other	85.89	19.52	-	-	85.89	16.50

Table 4. WELLEGA

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	14.53	100.00	0.42	100.00	14.95	100.00
For Mutton	7.61	52.37	0.42	100.00	8.03	53.71
For Other	6.92	47.63	-	-	6.92	46.29
Female Sheep	103.00	100.00	-	-	103.00	100.00
For Mutton	22.82	22.16	-	-	22.82	22.16
For other	80.18	77.84	-	-	80.18	77.84

Table 5. WELLEGA

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	4.44	100.00	-	-	4.44	100.00
For Meat	2.75	61.94	-	-	2.75	61.94
For Other	1.69	38.06	-	-	1.69	38.06
Female Goats	35.84	100.00	-	-	35.84	100.00
For Meat	5.27	14.70	-	-	5.27	14.70
For Other	30.57	85.30	-	-	30.57	85.30

Table 6. WELLEGA

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	811.60	100.00
Cockes	115.44	14.22
Cockrels	59.48	7.33
Chicks	636.68	78.45
Total Female	373.62	100.00
Pullets	82.95	22.20
Laying Hens	213.17	57.06
Non-Laying Hens	77.50	20.74

Table 1. SOUTH WOLLO

Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	602.62	50.02	664.08	37.14	223.12	33.25
Under 1	59.72	4.96	169.92	9.50	56.40	8.40
1 & Under 2	91.36	7.58	159.56	8.87	51.77	7.71
2 & Over	451.54	37.48	334.60	18.77	114.95	17.13
Female Total	602.10	49.98	1123.73	62.86	447.92	66.75
Under 1	96.31	7.99	268.34	14.77	103.32	15.40
1 & Under 2	121.48	10.08	255.19	14.03	77.06	11.48
2 & Over	384.32	31.90	600.20	34.05	267.54	39.87
Total Animal	1204.72	100.00	1787.81	100.00	671.04	100.00

Table 2. SOUTH WOLLO

Number and Percentage Distribution of HORSES and ASSES by Sex and Age, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Age Group (in years)	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	49.54	54.73	80.51	42.08
Under 3	9.85	10.88	16.77	8.76
3 & Over	39.69	43.85	63.74	33.31
Female Total	40.97	45.27	110.82	57.92
Under 3	7.33	8.10	22.90	11.97
3 & Over	33.64	37.17	87.92	45.95
Total Animal	90.51	100.00	191.33	100.00

Table 3. SOUTH WOLLO

Number and Percentage Distribution of CAMELS
by Sex and Age, Private Holdings,
1989/90 (1982 E.C.)

Number in Thousands

Sex and age Group (in years)	CAMELS	
	Number	Percent
Male Total	2.14	100.00
Under 4	0.00	0.00
4 & Over	2.14	100.00
Female Total	0.00	0.00
Under 4	0.00	0.00
4 & Over	0.00	0.00
Total Camels	2.14	100.00

Table 4. SOUTH WOLLO

CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	451.54	100.00	-	-	451.54	100.00
For Draught	431.67	95.60	-	-	431.67	95.60
For Beef	0.63	0.14	-	-	0.63	0.14
For Other	19.24	4.26	-	-	19.24	4.26
Female Cattle	378.37	100.00	5.95	100.00	384.32	100.00
For Milk	310.12	81.96	2.14	35.97	312.26	81.25
For Beef	14.32	3.78	3.81	64.03	18.13	4.72
For Other	53.93	14.26	-	-	53.93	14.03

Table 5. SOUTH WOLLO

SHEEP Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	325.85	100.00	8.75	100.00	334.60	100.00
For Mutton	248.11	76.14	8.75	100.00	256.86	76.77
For Other	77.74	23.86	-	-	77.74	23.83
Female Sheep	600.20	100.00	-	-	600.20	100.00
For Mutton	86.04	14.34	-	-	86.04	14.34
For Other	514.16	85.66	-	-	514.16	85.66

Table 6. SOUTH WOLLO

GOAT Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

Number in Thousands

Sex and Purpose	Indegenous		Hybrid		Total	
	Number	Percent	Number	Percent	Number	Percent
Male goats	114.95	100.00	-	-	114.95	100.00
For Meat	90.55	78.77	-	-	90.55	78.77
For Other	24.40	21.23	-	-	24.40	21.23
Female Goats	267.54	100.00	-	-	267.54	100.00
For Meat	96.68	36.14	-	-	96.68	36.14
For Other	170.86	63.86	-	-	170.86	63.86

Table 7.

SOUTH WOLLO

Number and Percentage Distribution of POULTRY by Sex and Purpose, Private Holdings, 1989/90 (1982 E.C.)

	Number in Thousands	
Sex and Purpose	Number	Percent
Total Male	1470.53	100.00
Cockes	348.84	23.72
Cockrels	229.13	15.58
Chicks	892.56	60.70
Total Female	982.88	100.00
Pullets	335.55	34.14
Laying Hens	510.18	51.91
Non-Laying Hens	137.15	13.95