

PEOPLE'S DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

AGRICULTURAL SAMPLE SURVEY

1986/87 - 1987/88 (1979-1980 E.C)

REPORT ON
LIVESTOCK, POULTRY & BEEHIVE POPULATION
(PRIVATE, CO-OPERATIVE AND STATE FARMS)



ADDIS ABABA
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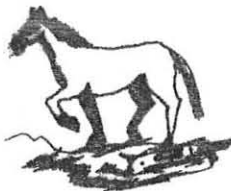
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REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

AGRICULTURAL SAMPLE SURVEY

1988-89

REPORT

LIVESTOCK POLICY & PASTURE POLICY STUDY

FINAL REPORT



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1989

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I. INTRODUCTION

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

This publication, which contains data on livestock, poultry and beehives population is a continuation of the 1980/81-1985/86, TIME SERIES DATA ON LIVESTOCK AND POULTRY POPULATION STATISTICS, which is the result of the Annual Agricultural Sample Surveys conducted by Central Statistical Authority in 1986/87 and 1987/88.

II. OBJECTIVES

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

III. COVERAGE

The 1986/87 and 1987/88 Agricultural Sample Surveys covered twelve regions (according to previous administrative regions) excluding Eritrea, Tigray and nomadic areas. In 1986/87, 750 sampled Farmers' Associations (FAs), all Producers' Cooperatives and State Farms in the 12 regions were covered by the sample survey. However, the coverage of 1987/88 sample survey was larger than 1986/87, i.e 864 sampled FAs, and all Producers' Cooperatives as well as all State Farms were covered.

IV. METHODS OF DATA COLLECTION

The method used to collect the data from private peasant holdings was by interviewing the sampled holders. The reference period for enumerating livestock and poultry population was January First of 1987 and 1988 for the survey conducted in 1986/87 and 1987/88, respectively.

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

V. SUMMARY OF THE RESULTS

As shown in Table 1.1, the estimates of livestock population of all holdings (Private, Cooperative and State Farms) in Ethiopia, excluding Eritrea, Tigrai and nomadic areas were about 41.1 and 41.3 million in 1986/87 and 1987/88, respectively.

The number of cattle, horses, asses and camel in 1987/88 was relatively lower than that of 1986/87 while the number of sheep, goats and pigs was slightly higher in 1987/88. In the case of camel in 1987/88 the estimated number was only 17.6 thousands. As compared to the estimates in 1986/87, it has declined by 30.5 percent. One among the major factors for the decline in camel estimate might be that Kallu Awraja in Wollo, which is one of the major camel reporting areas was not covered during the survey period.

On the other hand, the poultry population has shown an increase from 19.0 million in 1986/87 to 23.9 million in 1987/88. However, the number of beehives did not show any significant change.

Regarding the distribution of cattle population among the twelve regions, the highest percentage was reported in Shoa for both years with 27.7% and 28.9%, respectively. The lowest cattle population was reported in Illubabor in both years under consideration.

TABLE 1.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN 12 REGIONS OF THE COUNTRY
(1986/87 - 1987/88)

(PRIVATE HOLDINGS, COOPERATIVES AND STATE FARMS)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	10037.57	13748.46	23786.03	9588.44	13548.94	23137.38
SHEEP	2319.75	6434.93	8754.68	2606.13	6948.00	9554.13
GOATS	1529.95	3386.38	4916.33	1710.07	3387.74	5097.81
HORSES	631.67	628.47	1260.14	563.68	652.23	1215.91
ASSES	877.09	1197.57	2074.66	828.32	1159.31	1987.63
CAMELS	28.96	28.64	57.60	7.97	9.60	17.57
MULES	108.25	126.34	234.59	101.01	139.06	240.07
PIGS	0.01	0.02	0.03	0.07	0.62	0.69
TOTAL	15533.25	25550.81	41084.06	15405.69	25845.50	41251.10

TABLE 1.2

NUMBER OF POULTRY AND BEEHIVES IN 12 REGIONS OF THE COUNTRY

(PRIVATE HOLDINGS, COOPERATIVES AND STATE FARMS)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	12585.55	6450.92	19036.47	14535.49	9342.80	23878.29
BEEHIVES	-	-	3202.40	-	-	3119.88

FIG. 1

NUMBER OF LIVESTOCK AND POULTRY BY TYPE IN 12 REGIONS OF THE COUNTRY (1985/86 - 1987/88)

(Private holdings, Cooperatives and State Farms)

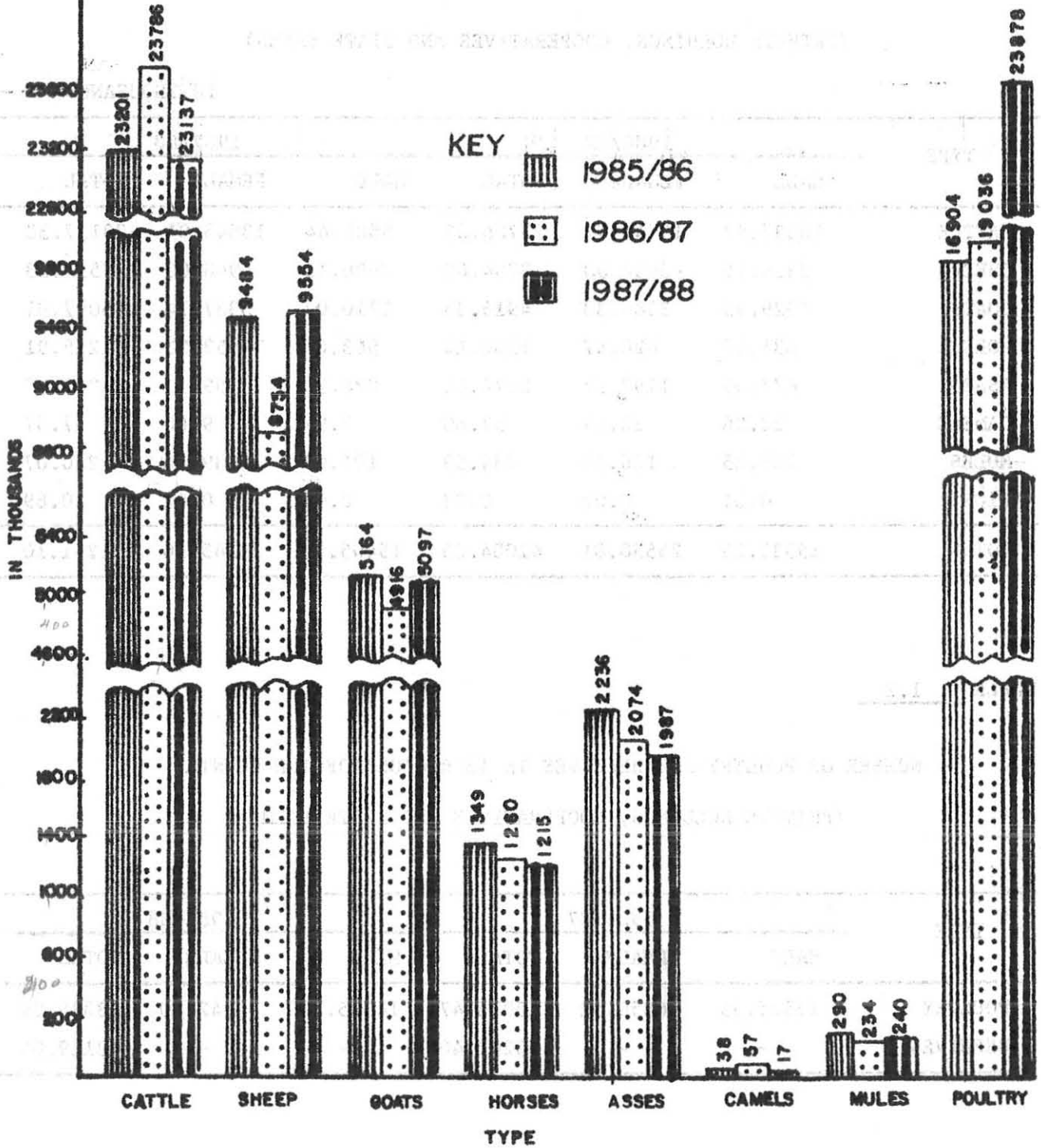


TABLE 2.1

- 3 -

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN 12 REGIONS

OF THE COUNTRY (1986/87 - 1987/88)

(PRIVATE HOLDINGS, COOPERATIVES AND STATE FARMS)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	24.43	33.46	57.90	23.24	32.84	56.09
SHEEP	5.65	15.66	21.31	6.32	23.39	23.16
GOATS	3.72	8.24	11.96	4.15	8.21	12.36
HORSES	1.54	1.53	3.07	1.37	1.58	2.95
ASSES	2.13	2.91	5.05	2.01	2.81	4.82
CAMELS	0.07	0.07	0.14	0.02	0.02	0.04
MULES	0.26	0.31	0.57	0.24	0.34	0.58
PIGS	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	37.81	62.19	100.00	37.35	62.65	100.00

TABLE 2.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN 12 REGION OF

THE COUNTRY (1986/87 - 1987/88)

(PRIVATE HOLDINGS, COOPERATIVES AND STATE FARMS)

	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	66.11	33.89	100.00	60.87	39.13	100.00
BEEHIVES	-	-	100.00	-	-	100.00

**AVERAGE PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE
IN 12 REGIONS OF THE COUNTRY (1986/87-1987/88)
(PRIVATE HOLDINGS, CO-OPERATIVES AND STATE FARMS)**

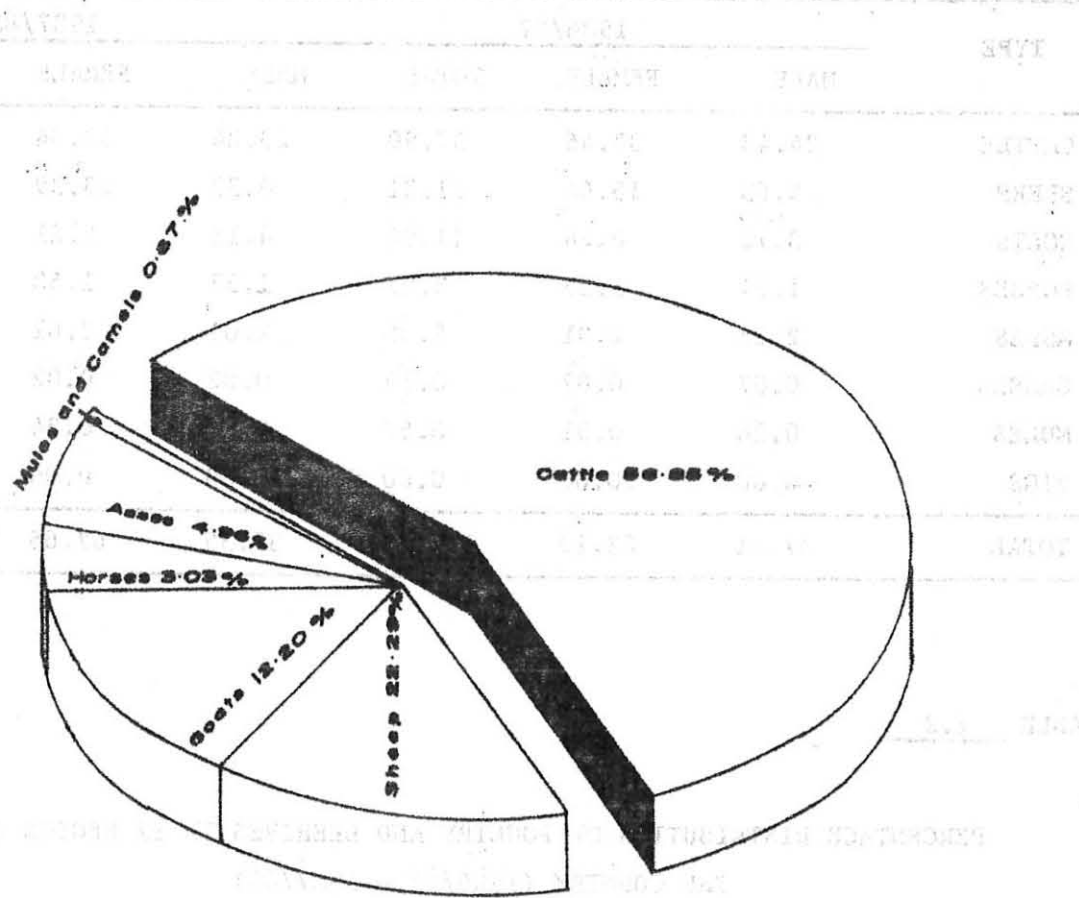


Fig. 2

TABLE 3.1

- 5 -

NUMBER OF LIVESTOCK BY TYPE AND SEX IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	9850.19	13724.57	23574.76	9341.45	13492.36	22833.81
SHEEP	2303.71	6424.44	8728.15	2545.16	6923.06	9468.22
GOATS	1523.77	3385.34	4909.11	1668.15	3380.96	5049.11
HORSES	630.34	627.89	1258.23	562.19	651.65	1213.84
ASSES	873.87	1194.92	2068.79	823.92	1155.64	1979.56
CAMELS	28.95	28.64	57.59	7.97	9.60	17.57
MULES	108.18	126.30	234.48	100.85	139.01	239.86
TOTAL	15319.01	25512.10	40831.11	15049.69	25752.28	40801.97

TABLE 3.2

NUMBER OF POULTRY AND BEEHIVES IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	12584.00	6353.85	18937.85	13817.71	7425.00	21242.71
BEEHIVES	-	-	3189.01	-	-	3119.88

TABLE 4.1

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN 12 REGIONS OF
THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	24.12	33.61	57.74	22.89	33.07	55.96
SHEEP	5.64	15.73	21.38	6.24	16.97	23.21
GOATS	3.73	8.29	12.02	4.09	8.29	12.37
HORSES	1.54	1.54	3.08	1.38	1.60	2.98
ASSES	2.14	2.93	5.07	2.02	2.83	4.85
CAMELS	0.07	0.07	0.14	0.02	0.02	0.04
MULES	0.26	0.31	0.57	0.25	0.34	0.59
TOTAL	37.52	62.48	100.00	36.88	63.12	100.00

TABLE 4.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN 12 REGIONS OF
THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	66.45	33.55	100.00	65.05	34.95	100.00
BEEHIVES	-	-	100.00	-	-	100.00

**AVERAGE PERCENTAGE DISTRIBUTION OF LIVESTOCK
BY TYPE IN 12 REGIONS OF THE COUNTRY FOR PRIVATE HOLDINGS
(1986/87 - 1987/88)**

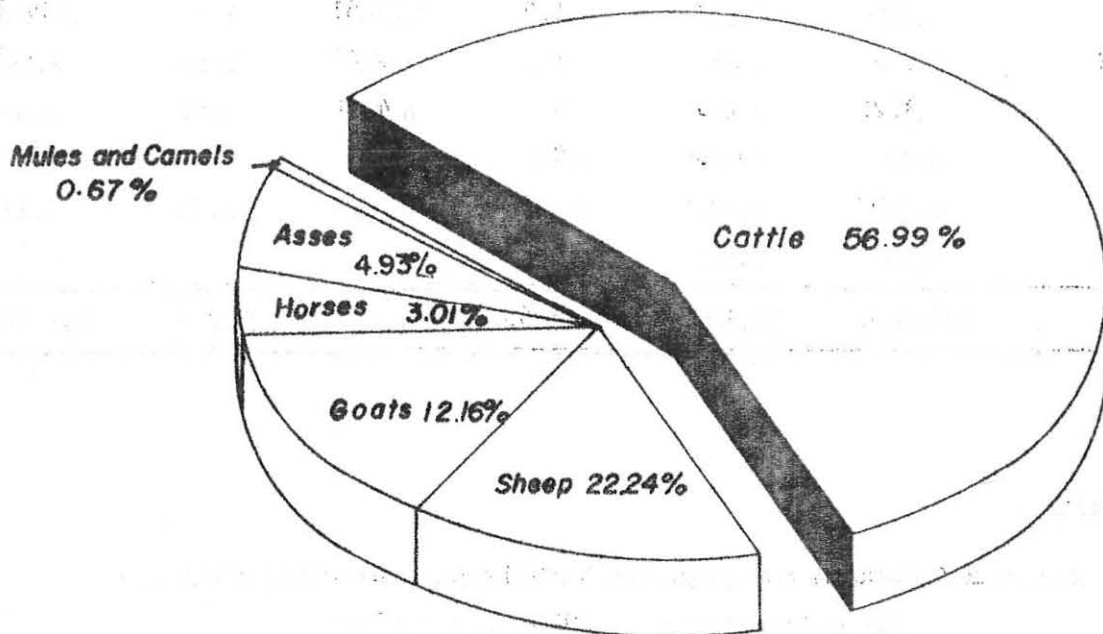


Fig 3

TABLE 5.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN 12 REGIONS OF THE
COUNTRY FOR COOPERATIVES (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	171.53	19.24	190.77	221.83	51.73	273.56
SHEEP	3.15	9.52	12.67	4.49	24.19	28.68
GOATS	0.30	0.98	1.28	22.61	6.74	29.35
HORSES	1.33	0.58	1.91	1.49	0.58	2.07
ASSES	3.22	2.65	5.87	4.40	3.67	8.07
CAMELS	0.01	0.00	0.01	-	-	-
MULES	0.07	0.04	0.11	0.16	0.05	0.21
PIGS	0.01	0.02	0.03	-	-	-
TOTAL	179.62	33.03	212.65	254.98	86.96	341.94

TABLE 5.2

NUMBER OF POULTRY AND BEEHIVES IN 12 REGIONS OF THE COUNTRY
FOR COOPERATIVES (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	0.20	1.22	1.42	691.21	1731.78	2422.99
BEEHIVES	-	-	13.39	-	-	-

TABLE 6.1

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN 12 REGIONS
OF THE COUNTRY FOR COOPERATIVES (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	30.66	9.05	89.71	64.87	13.13	80.00
SHEEP	1.48	4.48	5.96	1.31	7.07	8.39
GOATS	0.14	0.46	0.60	6.61	1.97	8.58
HORSES	0.63	0.27	0.90	0.44	0.17	0.61
ASSES	1.51	1.25	2.76	1.29	1.07	2.36
CAMELS	0.0047	0.00	0.0047	-	-	-
MULES	0.03	0.02	0.05	0.05	0.01	0.06
PIGS	0.0047	0.01	0.0147	-	-	-
TOTAL	84.47	15.53	100.00	74.57	25.43	100.00

TABLE 6.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN 12 REGIONS
OF THE COUNTRY FOR COOPERATIVES (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	14.08	85.92	100.00	28.53	71.47	100.00
BEEHIVES	-	-	100.00	-	-	100.00

**AVERAGE PERCENTAGE DISTRIBUTION OF LIVESTOCK
BY TYPE IN 12 REGIONS OF THE COUNTRY FOR COOPERATIVES
(1986/87-1987/88)**

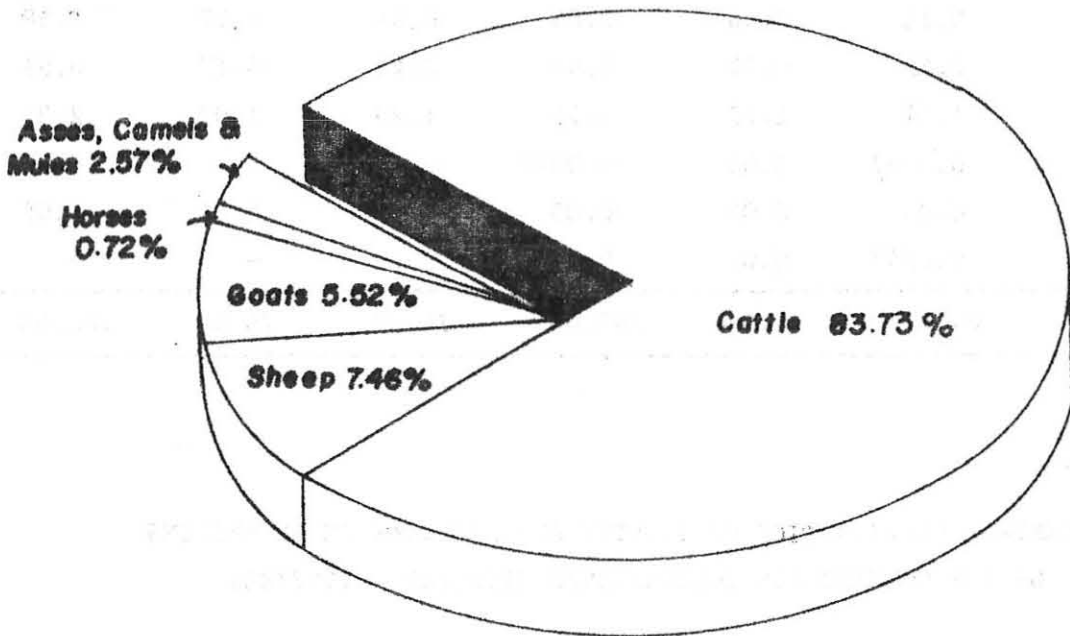


Fig. 4

TABLE 7.1

NUMBER OF LIVESTOCK BY TYPE AND SEX FOR
STATE FARMS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	15.85	4.65	20.50	25.16	4.85	30.01
SHEEP	12.89	0.97	13.86	56.48	0.75	57.23
GOATS	5.88	0.06	5.94	19.31	0.04	19.35
PIGS	-	-	-	0.07	0.62	0.69
TOTAL	34.62	5.68	40.30	101.02	6.26	107.28

TABLE 7.2

NUMBER OF POULTRY FOR STATE FARMS
(1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1.35	105.85	107.20	26.57	186.02	212.59

TABLE 8.1

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX FOR
STATE FARMS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	39.33	11.54	50.87	23.45	4.52	27.97
SHEEP	31.99	2.41	34.40	52.65	0.70	53.35
GOATS	14.59	0.14	14.73	13.00	0.04	13.04
PIGS	-	-	-	0.07	0.58	0.64
TOTAL	85.91	14.09	100.00	94.16	5.84	100.00

TABLE 8.2

PERCENTAGE DISTRIBUTION OF POULTRY FOR
STATE FARMS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1.26	98.74	100.00	12.50	87.50	100.00

**AVERAGE PERCENTAGE DISTRIBUTION OF LIVESTOCK BY
TYPE IN 12 REGIONS OF THE COUNTRY FOR STATE FARMS
(1986/87-1987/88)**

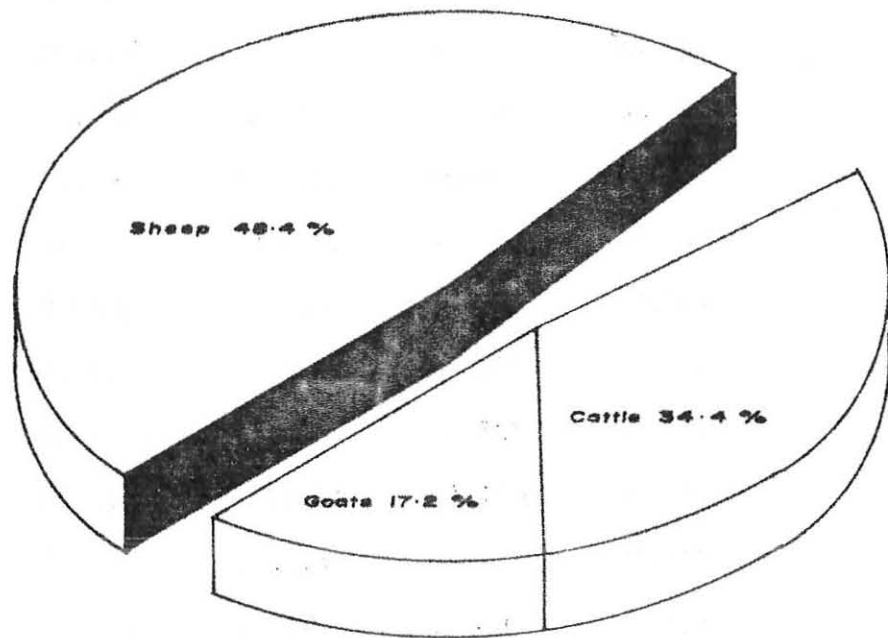


Fig. 5

TABLE 9

NUMBER OF CATTLE BY SEX IN 12 REGIONS OF THE COUNTRY FOR
PRIVATE HOLDINGS 1986/87 - 1987/88

IN THOUSANDS

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	766.18	1072.74	1838.92	764.30	1070.38	1834.68
BALE	260.36	523.15	783.51	372.16	634.34	1006.50
GAMOGOFA	326.69	481.42	808.11	315.43	473.26	788.69
GOJAM	1323.77	1320.71	2644.48	978.36	980.24	1958.60
GONDER	610.53	576.54	1187.07	629.33	648.99	1278.32
HARARGHE	622.67	940.06	1562.73	550.76	836.13	1386.94
ILLUBABOR	273.02	377.14	650.16	151.99	196.46	348.45
KEFFA	712.71	959.02	1671.73	625.39	876.96	1502.35
SHOA	2729.61	3797.85	6527.46	2753.40	3838.21	6591.61
SIDAMO	803.01	2051.41	2854.42	828.80	2286.59	3115.39
WELLEGA	774.13	976.03	1750.16	728.52	934.27	1662.79
WOLLO	647.51	648.50	1296.01	643.01	716.48	1359.49
ALL REGIONS	9850.19	13724.57	23574.76	9341.45	13492.36	22833.81

TABLE 10

PERCENTAGE DISTRIBUTION OF CATTLE BY SEX IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	3.25	4.55	7.80	3.35	4.69	8.03
BALE	1.10	2.22	3.32	1.63	2.78	4.41
GAMOGOFA	1.39	2.04	3.43	1.38	2.07	3.45
GOJAM	5.62	5.60	11.22	4.28	4.29	8.58
GONDER	2.59	2.45	5.04	2.76	2.84	5.60
HARARGHE	2.64	3.99	6.63	2.41	3.66	6.07
ILLUBABOR	1.16	1.60	2.76	0.67	0.86	1.53
KEFFA	3.02	4.07	7.09	2.74	3.84	6.58
SHOA	11.58	16.11	27.69	12.06	16.81	28.87
SIDAMO	3.41	8.70	12.11	3.63	10.01	13.64
WELLEGA	3.28	4.14	7.42	3.19	4.09	7.28
WOLLO	2.75	2.75	5.50	2.82	3.14	5.95
TOTAL	41.78	58.22	100.00	40.91	59.09	100.00

TABLE 11

NUMBER OF SHEEP BY SEX IN 12 REGIONS OF THE COUNTRY FOR PRIVATE
HOLDINGS (1986/87 - 1987/88)

REGION	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	237.09	692.56	929.65	231.75	633.11	864.86
BALE	32.55	98.72	131.27	51.79	154.67	206.46
GAMOGOFA	95.91	288.09	384.00	91.73	286.18	377.91
GOJAM	200.92	753.89	954.81	172.70	581.48	754.18
GONDER	100.17	378.84	479.01	115.17	392.92	508.09
HARARGHE	64.00	173.49	237.49	79.35	190.57	269.92
ILLUBABOR	49.54	157.57	207.11	28.54	80.47	109.01
KEFFA	122.87	365.57	488.44	92.11	250.67	342.78
SHOA	617.31	1472.11	2089.42	619.08	1496.36	2115.44
SIDAMO	182.58	539.18	721.76	225.49	663.08	888.57
WELLEGA	49.88	158.16	208.04	73.93	204.39	278.32
WOLLO	550.89	1346.26	1897.15	763.52	1989.16	2752.68
ALL REGIONS	2.303.71	6424.44	8728.15	2545.16	6923.06	9468.22

TABLE 12

PERCENTAGE DISTRIBUTION OF SHEEP BY SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	2.72	7.93	10.65	2.45	6.69	9.13
BALE	0.37	1.13	1.50	0.55	1.63	2.18
GAMOGOFA	1.10	3.30	4.40	0.97	3.02	3.99
GOJAM	2.30	8.64	10.94	1.82	6.14	7.97
GONDER	1.15	4.34	5.49	1.22	4.15	5.37
HARARGHE	0.73	1.99	2.72	0.84	2.01	2.85
ILLUBABOR	0.57	1.81	2.37	0.30	0.85	1.15
KEFFA	1.41	4.19	5.60	0.97	2.65	3.62
SHOA	7.07	16.87	23.94	6.54	15.80	22.34
SIDAMO	2.09	6.13	8.27	2.38	7.00	9.38
WELLEGA	0.57	1.81	2.38	0.78	2.16	2.94
WOLLO	6.31	15.42	21.74	8.06	21.01	29.07
TOTAL	26.39	73.61	100.00	26.88	73.12	100.00

TABLE 13

NUMBER OF GOATS BY SEX IN 12 REGIONS OF THE COUNTRY FOR PRIVATE
HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	107.67	216.58	324.25	77.86	173.28	251.14
BALE	43.39	95.58	138.97	42.56	86.87	129.43
GOMOGOFA	53.43	136.78	190.21	65.55	138.48	204.03
GOJAM	112.48	277.76	390.24	72.86	179.85	252.71
GONDER	86.36	210.02	296.38	94.00	202.53	296.53
BARARGHE	121.41	342.23	463.64	144.95	354.33	499.28
ILLUABABOR	24.04	53.15	77.19	8.26	18.14	26.40
KEFFA	90.39	194.58	284.97	87.82	181.33	269.15
SHOA	507.12	886.50	1393.62	658.64	1030.04	1738.68
SIDAMO	116.66	361.73	478.39	114.85	329.83	444.68
WELLEGA	51.92	132.35	184.27	58.22	114.95	173.17
WOLLO	208.90	478.08	686.98	242.58	521.33	763.91
ALL REGIONS	1523.77	3385.34	4909.11	1668.15	3380.96	5049.11

TABLE 14

PERCENTAGE DISTRIBUTION OF GOATS BY SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	2.19	4.41	6.60	1.54	3.43	4.97
BALE	0.88	1.95	2.83	0.84	1.72	2.56
GAMOGOFA	1.09	2.79	3.87	1.30	2.74	4.04
GOJAM	2.29	5.66	7.95	1.44	3.56	5.00
GONDER	1.76	4.28	6.04	1.86	4.01	5.87
HARARGHE	2.47	6.97	9.44	2.87	7.02	9.89
ILLUBABOR	9.49	1.08	1.57	0.16	0.36	0.52
KEFFA	1.84	3.96	5.80	1.74	3.59	5.33
SHOA	10.33	18.06	28.39	13.04	21.39	34.44
SIDAMO	2.38	7.37	9.74	2.27	6.53	8.81
WELLEGA	1.06	2.70	3.75	1.15	2.28	3.43
WOLLO	4.26	9.74	13.99	4.80	10.33	15.13
TOTAL	31.04	68.96	100.00	33.04	66.96	100.00

TABLE 15

NUMBER OF HORSES BY SEX IN 12 REGIONS OF THE COUNTRY FOR PRIVATE
HOLDINGS (1986/87 - 1987/88)

REGION	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	112.41	114.60	227.01	111.18	103.69	214.87
BALE	25.84	18.95	44.79	49.93	28.18	78.11
GAMOGOFA	12.51	13.54	26.05	11.59	16.46	28.05
GOJAM	79.17	75.34	154.51	41.49	43.96	85.45
GONDER	31.23	25.75	56.98	22.99	26.96	49.95
HARARGHE	0.00	4.79	4.79	0.00	2.10	2.10
ILLUBABOR	17.50	19.33	36.83	9.50	10.08	19.58
KEFFA	28.42	24.63	53.05	17.74	26.92	44.66
SHOA	182.15	178.48	360.63	153.26	180.35	333.61
SIDAMO	88.32	88.45	176.77	91.77	110.02	201.79
WELLEGA	11.96	13.71	25.67	7.49	8.59	16.08
WOLLO	40.83	50.32	91.15	45.25	94.34	139.59
ALL REGIONS	630.34	627.89	1258.23	562.19	651.65	1213.84

TABLE 16

PERCENTAGE DISTRIBUTION OF HORSES BY SEX IN 12 REGIONS OF THE COUNTRY
PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	3.93	9.11	13.04	9.16	8.54	17.70
BALE	2.05	1.51	3.56	4.11	2.32	6.43
GAMOGOFA	0.99	1.08	2.07	0.95	1.36	2.31
GOJAM	6.29	5.99	12.28	3.42	3.62	7.04
GONDER	2.48	2.05	4.53	1.89	2.22	4.11
HARARGHE	0.00	0.38	0.38	0.00	0.17	0.17
ILLUBABOR	1.39	1.54	2.93	0.73	0.83	1.61
KEFFA	2.26	1.96	4.22	1.46	2.22	3.68
SHOA	14.48	14.18	28.66	12.63	14.86	27.48
SIDAMO	7.02	7.03	14.05	7.56	9.06	16.62
WELLEGA	0.95	1.09	2.04	0.62	0.71	1.32
WOLLO	3.25	4.00	7.24	3.73	7.77	11.50
TOTAL	50.10	49.90	100.00	46.31	53.69	100.00

TABLE 17

NUMBER OF ASSES BY SEX IN 12 REGIONS OF THE COUNTRY FOR PRIVATE
HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AKSSI	70.28	84.76	155.04	56.11	85.45	141.56
BALE	29.02	32.49	61.51	28.37	33.45	61.82
GAMOGOFA	3.82	2.56	6.38	5.91	10.13	16.04
GOJAM	94.58	185.82	280.40	85.48	154.59	240.07
GONDER	47.18	135.73	182.91	43.43	111.68	155.11
HARARGHE	104.19	100.51	204.70	88.10	89.45	177.55
ILLUFABOR	1.15	0.84	1.99	1.08	1.17	2.25
KEFFA	18.11	7.10	25.21	10.59	7.73	18.32
SHOA	300.18	411.24	711.42	313.54	392.23	705.77
SIDAMO	89.75	54.21	143.96	68.79	65.64	134.43
WELLEGA	35.45	48.70	84.15	20.16	50.98	71.14
WOLLO	80.16	130.96	211.12	102.36	153.14	255.50
ALL REGIONS	873.87	1194.92	2068.79	823.92	1155.64	1979.56

TABLE 18

PERCENTAGE DISTRIBUTION OF ASSES BY SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	3.40	4.10	7.49	2.83	4.32	7.15
BALE	1.40	1.57	2.97	1.43	1.69	3.12
GOMOGOFA	0.18	0.12	0.31	0.30	0.51	0.81
GOJAM	4.57	8.98	13.55	4.32	7.81	12.13
GONDER	2.28	6.56	8.84	2.19	5.64	7.84
HARARGHE	5.04	4.86	9.89	4.45	4.52	8.97
ILLUBABOR	0.06	0.04	0.10	0.05	0.06	0.11
KEFFA	0.88	0.34	1.22	0.53	0.39	0.92
SHOA	14.51	19.88	34.39	15.84	19.81	35.65
SIDAMO	4.34	2.62	6.96	3.47	3.32	6.79
WELLEGA	1.71	2.35	4.07	1.02	2.58	3.59
WOLLO	3.88	6.33	10.20	5.17	7.74	12.91
TOTAL	42.24	57.76	100.00	41.62	58.38	100.00

TABLE 19

NUMBER OF CAMELS BY SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	0.11	0.00	0.11	0.00	0.11	0.11
BALE	0.77	0.68	1.45	0.15	0.34	0.49
GAMOGOFA	0.00	0.00	0.00	0.00	0.00	0.00
GOJAM	0.42	0.00	0.42	0.00	0.34	0.34
GONDER	0.00	0.00	0.00	0.00	0.00	0.00
HARARGHE	4.14	4.32	8.46	4.30	6.38	10.68
ILLUBABOR	0.29	0.00	0.29	0.00	1.53	1.53
KEFFA	0.00	0.00	0.00	0.00	0.00	0.00
SHOA	0.09	0.00	0.09	0.00	0.47	0.47
SIDAMO	1.11	1.38	2.49	0.34	0.33	0.67
WELLEGA	0.00	0.00	0.00	0.36	0.10	0.46
WOLLO	22.02	22.26	44.28	2.82	0.00	2.82
ALL REGIONS	28.95	28.64	57.59	7.97	9.60	17.57

PERCENTAGE DISTRIBUTION OF CAMELS BY SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	0.18	0.00	0.18	0.00	0.61	0.61
BALE	1.34	1.19	2.52	0.85	1.94	2.79
GAMOGOFA	0.00	0.00	0.00	0.00	0.00	0.00
GOJAM	0.72	0.00	0.72	0.00	1.91	1.91
GONDER	0.00	0.00	0.00	0.00	0.00	0.00
HARARGHE	7.19	7.51	14.70	24.49	36.34	60.84
ILLUBABOR	0.51	0.00	0.51	0.00	8.74	8.74
KEFFA	0.00	0.00	0.00	0.00	0.00	0.00
SHOA	0.16	0.00	0.16	0.00	2.68	2.68
SIDAMO	1.92	2.39	4.31	1.96	1.83	3.78
WELLEGA	0.00	0.00	0.00	2.03	0.60	2.63
WOLLO	38.24	38.65	76.89	16.01	0.00	16.01
TOTAL	50.27	49.73	100.00	45.34	54.66	100.00

TABLE 21

NUMBER OF MULES BY SEX IN 12 REGIONS OF THE COUNTRY
PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	10.07	7.77	17.84	4.34	7.18	11.52
BALE	3.83	3.74	7.57	4.14	4.86	9.00
GAMOGOFA	3.94	6.15	10.09	3.60	6.38	9.98
GOJAM	8.77	9.86	18.63	4.51	7.63	12.14
GONDER	7.83	10.84	18.67	7.26	10.90	18.16
HARARGHE	3.76	5.12	8.88	1.02	2.84	3.86
ILLUBABOR	2.17	3.66	5.83	0.58	1.71	2.29
KEFFA	5.31	9.08	14.39	6.98	13.60	20.58
SHOA	32.66	39.90	72.56	39.44	38.35	77.79
SIDAMO	8.68	7.93	16.61	10.71	9.21	19.92
WELLEGA	7.16	5.51	12.67	2.70	10.38	13.08
WOLLO	14.00	16.74	30.74	15.57	25.97	41.54
ALL REGIONS	108.18	126.30	234.48	100.85	139.01	239.86

PERCENTAGE DISTRIBUTION OF MULES BY SEX IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	4.29	3.32	7.61	1.81	2.99	4.80
BALE	1.63	1.60	3.23	1.72	2.02	3.75
GAMOGOFA	1.68	2.62	4.30	1.50	2.66	4.16
GOJAM	3.74	4.21	7.95	1.88	3.18	5.06
GONDER	3.34	4.62	7.96	3.03	4.54	7.57
HARARGHE	1.60	2.19	3.79	0.43	1.18	1.61
ILLUBABOR	0.93	1.56	2.49	0.24	0.71	0.96
KEFFA	2.26	3.87	6.14	2.91	5.67	8.58
SHOA	13.93	17.02	30.95	16.44	15.99	32.43
SIDAMO	3.70	3.38	7.08	4.47	3.84	8.31
WELLEGA	3.05	2.35	5.40	1.12	4.33	5.45
WOLLO	5.97	7.13	13.11	6.49	10.83	17.32
TOTAL	46.14	53.86	100.00	42.04	57.96	100.00

TABLE 23

NUMBER OF POULTRY BY SEX IN 12 REGIONS OF THE COUNTRY FOR PRIVATE
HOLDINGS (1986/87 - 1987/88)

REGION	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	309.22	223.41	532.63	321.82	209.05	530.87
BALE	85.69	57.41	143.10	101.25	74.60	175.85
GAMOGOFA	253.03	141.37	394.40	349.11	209.74	558.85
GOJAM	1330.67	612.29	1942.96	1247.02	567.21	1814.23
GONDER	904.86	366.24	1271.10	904.99	410.12	1315.11
HARARGHE	668.21	394.27	1062.48	1028.54	548.24	1576.78
ILLUBABOR	535.87	225.70	761.57	420.32	208.60	628.92
KEFFA	1175.39	590.67	1766.06	1341.93	627.78	1969.71
SHOA	3561.05	1883.70	5444.75	3898.95	2110.71	6009.66
SIDAMO	1341.39	761.72	2103.11	1596.09	996.11	2592.20
WELLEGA	1185.61	436.41	1622.02	1242.47	531.18	1773.65
WOLLO	1233.01	660.66	1893.67	1365.22	931.66	2296.88
ALL REGIONS	12584.00	6353.85	18937.85	13817.71	7425.00	21242.71

TABLE 24

PERCENTAGE DISTRIBUTION OF POULTRY BY SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	1.63	1.18	2.81	1.51	0.98	2.50
BALE	0.45	0.30	0.76	0.48	0.35	0.83
GOMOGOFA	1.34	0.75	2.08	1.64	0.99	2.63
GOJAM	7.03	3.23	10.26	5.87	2.67	8.54
GONDER	4.78	1.93	6.71	4.26	1.93	6.19
HARARGHE	3.53	2.08	5.61	4.84	2.58	7.42
ILLUBABOR	2.83	1.19	4.02	1.98	0.98	2.96
KEFFA	6.21	3.12	9.33	6.32	2.96	9.27
SHOA	18.80	9.95	28.75	18.35	9.94	28.29
SIDAMO	7.08	4.02	11.11	7.51	4.69	12.20
WELLEGA	6.26	2.30	8.56	5.85	2.50	8.35
WOLLO	6.51	3.49	10.00	6.43	4.39	10.81
TOTAL	66.45	33.55	100.00	65.05	34.95	100.00

TABLE 25

NUMBER OF BEEHIVES IN 12 REGIONS OF THE COUNTRY FOR
PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	IN THOUSANDS	
	1986/87	1987/88
ARSSI	69.54	72.52
BALE	194.70	227.34
GAMOGOFA	122.52	101.15
GOJAM	347.44	300.15
GONDER	103.56	112.10
HARARGHE	122.78	117.30
ILLUBABOR	347.21	277.78
KEFFA	446.60	485.63
SHOA	475.55	460.71
SIDAMO	150.61	220.32
WELLEGA	649.06	537.18
WOLLO	159.44	207.70
ALL REGIONS	3189.01	3119.88

TABLE 26

PERCENTAGE DISTRIBUTION OF BEEHIVES IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

REGION	1986/87	1987/88
ARSSI	2.18	2.32
BALE	6.11	7.29
GAMOGOFA	3.84	3.24
GOJAM	10.90	9.62
GONDER	3.25	3.59
HARARGHE	3.85	3.76
ILLUBABOR	10.89	8.90
KEFFA	14.00	15.57
SHOA	14.91	14.77
SIDAMO	4.72	7.06
WELLEGA	20.35	17.22
WOLLO	5.00	6.66
TOTAL	100.00	100.00

TABLE 27

NUMBER OF CATTLE BY AGE AND SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 1 YEAR	1487.60	1869.11	3356.71	1524.94	1992.74	3517.68
1 YEAR AND UNDER 2+	1077.96	1441.79	2519.75	1068.92	1466.69	2535.61
2 YEAR AND UNDER 3	905.90	1322.54	2228.44	872.31	1258.44	2130.75
3 YEAR AND UNDER 4	916.14	1605.56	2521.70	798.87	1506.19	2305.06
4 YEAR AND OVER	5462.59	7485.57	12948.16	5076.41	7268.30	12344.71
ALL AGES	9850.19	13724.57	23574.76	9341.45	13492.36	22833.81

PERCENTAGE DISTRIBUTION OF CATTLE BY AGE AND SEX IN 12 REGIONS OF
THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 1 YEAR	6.31	7.92	14.24	6.68	8.73	15.41
1 YEAR AND UNDER 2	4.57	6.12	10.69	4.68	6.42	11.10
2 YEAR AND UNDER 3	3.84	5.61	9.45	3.82	5.51	9.33
3 YEARS AND UNDER 4	3.89	6.81	10.70	3.50	6.60	10.09
4 YEARS AND OVER	23.17	31.75	54.92	22.23	31.83	54.06
ALL AGES	41.78	58.22	100.00	40.91	59.09	100.00

TABLE 29 >

NUMBER OF SHEEP BY AGE AND SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

AGE GROUP	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 1 YEAR	1412.81	1698.96	3111.77	1604.13	1859.27	3463.40
1 YEAR & OVER	890.90	4725.48	5616.38	941.03	5063.79	6004.82
ALL AGES	2303.71	6424.44	8728.15	2545.16	6923.06	9468.22

TABLE 30

PERCENTAGE DISTRIBUTION OF SHEEP BY AGE AND SEX IN 12 REGIONS
OF THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 1 YEAR	16.19	19.47	35.65	16.94	19.64	36.58
1 YEAR & OVER	10.21	54.14	64.35	9.94	53.48	63.42
ALL AGES	26.39	73.61	100.00	26.88	73.12	100.00

TABLE 31

NUMBER OF GOATS BY AGE AND SEX IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 1 YEAR	822.48	1058.20	1880.68	875.97	1105.50	1981.47
1 YEAR & OVER	701.29	2327.14	3028.43	792.18	2275.46	3067.64
ALL AGES	1523.77	3385.34	4909.11	1668.15	3380.96	5049.11

TABLE 32

PERCENTAGE DISTRIBUTION OF GOATS BY SEX AND AGE IN 12 REGIONS
OF THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 1 YEAR	16.75	21.56	38.31	17.35	21.89	39.24
1 YEAR & OVER	14.29	47.40	61.69	15.69	45.07	60.76
ALL AGES	31.04	68.96	100.00	33.04	66.96	100.00

TABLE 33

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NUMBER OF HORSES BY AGE AND SEX IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 3 YEARS	136.95	141.64	278.59	132.93	142.85	275.78
3 YEAR & OVER	493.39	486.25	979.64	429.26	508.80	938.06
ALL AGES	630.34	627.89	1258.23	562.19	651.65	1213.84

TABLE 34

PERCENTAGE DISTRIBUTION OF HORSES BY AGE AND SEX IN 12 REGIONS OF
THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	PERCENTAGE DISTRIBUTION					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 3 YEARS	10.88	11.26	22.14	10.95	11.77	22.72
3 YEARS & OVER	39.22	38.65	77.86	35.36	41.92	77.28
ALL AGES	50.10	49.90	100.00	46.32	53.68	100.00

TABLE 35

NUMBER OF ASSES BY AGE AND SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 3 YEARS	248.52	277.86	526.38	267.07	281.01	548.08
3 YEARS & OVER	625.35	917.06	1542.41	556.85	874.63	1431.48
ALL AGES	873.87	1194.92	2068.79	823.92	1155.64	1979.56

TABLE 36

PERCENTAGE DISTRIBUTION OF ASSES BY AGE AND SEX IN 12 REGIONS
OF THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	PERCENTAGE					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 3 YEARS	12.01	13.43	25.44	13.49	14.20	27.69
3 YEARS & OVER	30.23	44.33	74.56	28.13	44.13	72.31
ALL AGES	42.24	57.76	100.00	41.62	58.38	100.00

TABLE 37

NUMBER OF CAMELS BY AGE AND SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 4 YEARS	7.54	8.61	16.15	1.92	2.34	4.26
4 YEARS & OVER	21.41	20.03	41.44	6.05	7.26	13.31
ALL AGES	28.95	28.64	57.59	7.97	9.60	17.57

TABLE 38

PERCENTAGE DISTRIBUTION OF CAMELS BY AGE AND SEX IN 12 REGIONS OF THE
COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	PERCENTAGE DISTRIBUTION					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
UNDER 4 YEARS	13.09	14.95	28.04	10.87	13.38	24.25
4 YEARS & OVER	37.18	34.78	71.96	34.43	41.32	75.75
ALL AGES	50.27	49.73	100.00	45.30	54.70	100.00

TABLE 39

NUMBER OF MULES BY AGE AND SEX IN 12 REGION OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ALL AGES	108.18	126.30	234.48	100.81	139.01	239.86

TABLE 40

PERCENTAGE DISTRIBUTION OF MULES BY AGE AND SEX IN 12 REGIONS OF
THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ALL AGES	46.14	53.86	100.00	42.05	57.95	100.00

TABLE 41

NUMBER OF POULTRY BY AGE AND SEX IN 12 REGIONS OF THE COUNTRY
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ALL AGES	12584.90	6353.85	18937.85	13817.71	7425.00	21242.71

TABLE 42

PERCENTAGE DISTRIBUTION OF POULTRY BY AGE AND SEX IN 12 REGIONS OF
THE COUNTRY FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

AGE GROUP	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ALL AGES	66.45	33.55	100.00	65.05	34.95	100.00

TABLE 43.1

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NUMBER OF LIVESTOCK BY TYPE AND SEX IN ARSSI REGIONS
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	766.18	1072.74	1838.92	764.30	1070.38	1834.68
SHEEP	237.09	692.56	929.65	231.75	633.11	864.86
GOATS	107.67	216.58	324.25	77.86	173.28	251.14
HORSES	112.41	114.60	227.01	111.18	103.69	214.87
ASSES	70.28	84.76	155.04	56.11	85.45	141.56
CAMELS	0.11	0.00	0.11	0.00	0.11	0.11
MULES	10.07	7.77	17.84	4.34	7.18	11.52
TOTAL	1303.81	2189.01	3492.82	1245.54	2073.20	3318.74

TABLE 43.2

NUMBER OF POULTRY AND BEEHIVES IN ARSSI REGION FOR PRIVATE
HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	309.22	223.41	532.63	321.82	209.05	530.87
BEEHIVES	-	-	69.54	-	-	72.52

TABLE 44.1

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN ARSSI
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	21.94	30.71	52.65	23.03	32.25	55.28
SHEEP	6.79	19.83	26.62	6.98	19.08	26.06
GOATS	3.08	6.20	9.28	2.35	5.22	7.57
HORSES	3.22	3.28	6.50	3.35	3.12	6.47
ASSES	2.01	2.43	4.44	1.69	2.57	4.27
CAMELS	0.003	0.00	0.003	0.00	0.003	0.003
MULES	0.29	0.22	0.51	0.13	0.22	0.35
TOTAL	37.33	62.67	100.00	37.53	62.47	100.00

TABLE 44.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN ARSSI
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	58.06	41.94	100.00	60.62	39.38	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 45.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN BALE
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	260.36	523.15	783.51	372.16	634.34	1006.50
SHEEP	32.55	98.72	131.27	51.79	154.67	206.46
GOATS	43.39	95.58	138.97	42.56	86.87	129.43
HORSES	25.84	18.95	44.79	49.93	28.18	78.11
ASSES	29.02	32.49	61.51	28.37	33.45	61.82
CAMELS	0.77	0.68	1.45	0.15	0.34	0.49
MULES	3.83	3.74	7.57	4.14	4.86	9.00
TOTAL	395.76	773.31	1169.07	549.10	942.71	1491.81

TABLE 45.2

NUMBER OF POULTRY AND BEEHIVES IN BALE REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	85.69	57.41	143.10	101.25	74.60	175.85
BEEHIVES	-	-	194.70	-	-	227.34

TABLE 46.1

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN BALE
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	22.27	44.75	67.02	24.95	42.52	67.47
SHEEP	2.78	8.44	11.23	3.47	10.37	13.84
GOATS	3.71	8.18	11.89	2.85	5.82	8.68
HORSES	2.21	1.62	3.83	3.35	1.89	5.24
ASSES	2.48	2.78	5.26	1.90	2.24	4.14
CAMELS	0.07	0.06	0.12	0.01	0.02	0.03
MUL	0.33	0.32	0.65	0.28	0.33	0.60
TOTAL	33.85	66.15	100.00	36.81	63.19	100.00

TABLE 46.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN BALE
REGION FOR PRIVATE HOLDINGS(1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	59.88	40.12	100.00	57.58	42.42	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 47.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN GAMOGOFA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	326.69	481.42	808.11	315.43	473.26	788.69
SHEEP	95.91	288.09	384.00	91.73	286.18	377.91
GOATS	53.43	136.78	190.21	65.55	138.48	204.03
HORSES	12.51	13.54	26.05	11.59	16.46	28.05
ASSES	3.82	2.56	6.38	5.91	10.13	16.04
CAMELS	0.00	0.00	0.00	0.00	0.00	0.00
MULES	3.94	6.15	10.09	3.60	6.38	9.98
TOTAL	496.30	928.54	1424.84	493.81	930.89	1424.70

TABLE 47.2

NUMBER OF POULTRY AND BEEHIVES IN GAMOGOFA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	253.03	141.37	394.40	349.11	209.74	558.85
BEEHIVES	-	-	122.52	-	-	101.15

TABLE 48.1

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PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN GAMOGOFA
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	22.93	33.79	56.72	22.14	33.22	55.36
SHEEP	6.73	20.22	26.95	6.44	20.09	26.53
GOATS	3.75	9.60	13.35	4.60	9.72	14.32
HORSES	0.88	0.95	1.83	0.81	1.16	1.97
ASSES	0.27	0.18	0.45	0.41	0.71	1.13
CAMELS	0.00	0.00	0.00	0.00	0.00	0.00
MULES	0.28	0.43	0.71	0.25	0.45	0.70
TOTAL	34.83	65.17	100.00	34.66	65.34	100.00

TABLE 48.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN GAMOGAFA
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	64.16	35.84	100.00	62.47	37.53	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 49.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN GOJAM REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSAND

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	1323.77	1320.71	2644.48	978.36	980.24	1958.60
SHEEP	200.92	753.89	954.81	172.70	581.48	754.18
GOATS	112.48	277.76	390.24	72.86	179.85	252.71
HORSES	79.17	75.34	154.51	41.49	43.96	85.45
ASSES	94.58	185.82	280.40	85.48	154.59	240.07
CAMELS	0.42	0.00	0.42	0.00	0.34	0.34
MULES	3.77	9.36	18.63	4.51	7.63	12.14
TOTAL	1820.11	2623.38	4443.49	1355.40	1948.09	3303.49

TABLE 49.2

NUMBER OF POULTRY AND BEEHIVES IN GOJAM REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1330.67	612.29	1942.96	1247.02	567.21	1814.23
BEEHIVES	-	-	347.44	-	-	300.15

TABLE 50.1

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PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN GOJAM
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	29.79	29.72	59.51	29.62	29.67	59.29
SHEEP	4.52	16.97	21.49	5.23	17.60	22.83
GOATS	2.53	6.25	8.78	2.21	5.44	7.65
HORSES	1.78	1.70	3.48	1.26	1.33	2.59
ASSES	2.13	4.18	6.31	2.59	4.68	7.27
CAMELS	0.01	0.00	0.01	0.00	0.01	0.01
MULES	0.20	0.22	0.42	0.14	0.23	0.37
TOTAL	40.96	59.04	100.00	41.03	58.97	100.00

TABLE 50.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN GOJAM
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	68.49	31.51	100.00	68.74	31.26	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 51.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN GONDER REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	610.53	576.54	1187.07	629.33	648.99	1278.32
SHEEP	100.17	378.84	479.01	115.17	392.92	508.09
GOATS	86.36	210.02	296.38	94.00	202.53	296.53
HORSES	31.23	25.75	56.98	22.99	26.96	49.95
ASSES	47.18	135.73	182.91	43.43	111.68	155.11
CAMELS	0.00	0.00	0.00	0.00	0.00	0.00
MULES	7.83	10.84	18.67	7.26	10.90	18.16
TOTAL	883.30	1337.72	2221.02	912.18	1393.93	2306.16

TABLE 51.2

NUMBER OF POULTRY AND BEEHIVES IN GONDER REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	904.86	366.24	1271.10	904.99	410.12	1315.11
BEEHIVES	-	-	103.56	-	-	112.10

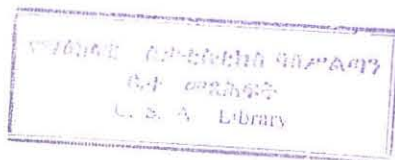
TABLE 52.1

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PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN GONDER
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	27.49	25.96	53.45	27.29	28.14	55.43
SHEEP	4.51	17.06	21.57	4.99	17.04	22.03
GOATS	3.89	9.46	13.34	4.08	8.78	12.86
HORSES	1.41	1.16	2.57	1.00	1.17	2.17
ASSES	2.12	6.11	8.24	1.88	4.84	6.73
CAMELS	0.00	0.00	0.00	0.00	0.00	0.00
MULES	0.35	0.49	0.84	0.31	0.47	0.79
TOTAL	39.77	60.23	100.00	39.55	60.45	100.00

TABLE 52.2



PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN GONDER REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	71.19	28.81	100.00	68.81	31.19	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 53.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN HARARGHE REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	622.67	940.06	1562.73	550.76	836.18	1386.94
SHEEP	64.00	173.49	237.49	79.35	190.57	269.92
GOATS	121.41	342.23	463.64	144.95	354.33	499.28
HORSES	0.00	4.79	4.79	0.00	2.10	2.10
ASSES	104.19	100.51	204.70	88.10	89.45	177.55
CAMELS	4.14	4.32	8.46	4.30	6.38	10.68
MULES	3.76	5.12	8.88	1.02	2.84	3.86
TOTAL	920.17	1570.52	2490.69	868.48	1481.85	2350.33

TABLE 53.2

NUMBER OF POULTRY AND BEEHIVES IN HARARGHE REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	668.21	394.27	1062.48	1028.54	548.24	1576.78
BEEHIVES	-	-	122.78	-	-	117.30

TABLE 54.1

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PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN HARARGHE
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	25.00	37.74	62.74	23.43	35.58	59.01
SHEEP	2.57	6.97	9.54	3.38	8.11	11.48
GOATS	4.87	13.74	18.61	6.17	15.08	21.25
HORSES	0.00	0.19	0.19	0.00	0.09	0.09
ASSES	4.18	4.04	8.22	3.75	3.81	7.56
CAMELS	0.17	0.17	0.34	0.18	0.27	0.45
MULES	0.15	0.21	0.36	0.04	0.12	0.16
TOTAL	36.94	63.06	100.00	36.95	63.05	100.00

TABLE 54.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN HARARGHE
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	62.89	37.11	100.00	65.23	34.77	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 55.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN ILLUBABOR REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	273.02	377.14	650.16	151.99	196.46	348.45
SHEEP	49.54	157.57	207.11	28.54	80.47	109.01
GOATS	24.04	53.15	77.19	8.26	18.14	26.40
HORSES	17.50	19.33	36.83	9.50	10.08	19.58
ASSES	1.15	0.84	1.99	1.08	1.17	2.25
CAMELS	0.29	0.00	0.29	0.00	1.53	1.53
MULES	2.17	3.66	5.83	0.58	1.71	2.29
TOTAL	367.71	611.69	979.49	199.95	309.56	509.51

TABLE 55.2

NUMBER OF POULTRY AND BEEHIVES IN ILLUBABOR REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	535.87	225.70	761.57	420.32	208.60	628.92
BEEHIVES	-	-	347.21	-	-	277.78

TABLE 56.1

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN ILLUBABOR
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	27.88	38.51	66.38	29.83	38.56	68.39
SHEEP	5.06	16.09	21.15	5.60	15.79	21.40
GOATS	2.45	5.43	7.88	1.62	3.56	5.18
HORSES	1.79	1.97	3.76	1.86	1.98	3.84
ASSES	0.12	0.09	0.20	0.21	0.23	0.44
CAMELS	0.03	0.00	0.03	0.00	0.30	0.30
MULES	0.22	0.37	0.60	0.11	0.34	0.45
TOTAL	37.54	62.46	100.00	39.24	60.76	100.00

TABLE 56.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN ILLUBABOR
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	70.36	29.64	100.00	66.83	33.17	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 57-1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN KEFFA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	712.71	959.02	1671.73	625.39	876.96	1502.35
SHEEP	122.87	365.57	488.44	92.11	250.67	342.78
GOATS	90.39	194.58	284.97	87.82	181.33	269.15
HORSES	28.42	24.63	53.05	17.74	26.92	44.66
ASSES	18.11	7.10	25.21	10.59	7.73	18.32
CAMELS	0.00	0.00	0.00	0.00	0.00	0.00
MULES	5.31	9.08	14.39	6.98	13.60	20.58
TOTAL	977.81	1559.98	2537.79	840.63	1357.21	2197.84

TABLE 57.2

NUMBER OF POULTRY AND BEEHIVES IN KEFFA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1175.39	590.67	1766.06	1341.93	627.78	1969.71
BEEHIVES	-	-	446.60	-	-	485.63

TABLE 58.1

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PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN KEFFA
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	28.08	37.79	65.87	28.45	39.90	68.35
SHEEP	4.84	14.41	19.25	4.19	11.41	15.60
GOATS	3.56	7.67	11.23	4.00	8.25	12.25
HORSES	1.12	0.97	2.09	0.81	1.22	2.03
ASSES	0.71	0.28	0.99	0.48	0.35	0.83
CAMELS	0.00	0.00	0.00	0.00	0.00	0.00
MULES	0.21	0.36	0.57	0.32	0.62	0.94
TOTAL	38.53	61.47	100.00	38.25	61.75	100.00

TABLE 58.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN KEFFA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	69.56	33.44	100.00	68.13	31.87	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 59.1

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NUMBER OF LIVESTOCK BY TYPE AND SEX IN SHCA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	2729.61	3797.85	6527.46	2753.40	3838.21	6591.61
SHEEP	617.31	1472.11	2089.42	619.08	1496.36	2115.44
GOATS	507.12	886.50	1393.62	658.64	1080.04	1738.68
HORSES	182.15	178.48	360.63	153.26	180.35	333.61
ASSES	300.18	411.24	711.42	313.54	392.23	705.77
CAMELS	0.09	0.00	0.09	0.00	0.47	0.47
MULES	32.66	39.90	72.56	39.44	38.35	77.79
TOTAL	4369.12	6786.08	11155.20	4537.36	7026.01	11563.37

TABLE 59.2

NUMBER OF POULTRY AND BEEHIVES IN SHOA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	3561.05	1883.70	5444.75	3898.95	2110.71	6009.66
BEEHIVES	-	-	475.55	-	-	460.71

TABLE 60.1

- 58 -

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN SHOA
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	24.47	34.05	58.51	23.81	33.19	57.00
SHEEP	5.53	13.20	18.73	5.35	12.94	18.29
GOATS	4.55	7.90	12.49	5.70	9.34	15.04
HORSES	1.64	1.60	3.23	1.33	1.56	2.89
ASSES	2.69	3.69	6.38	2.71	3.39	6.10
CAMELS	0.001	0.00	0.001	0.00	0.004	0.004
MULES	0.29	0.36	0.65	0.34	0.33	0.67
TOTAL	39.17	60.83	100.00	39.24	60.76	100.00

TABLE 60.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN SHOA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	65.40	34.60	100.00	64.88	35.12	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 61.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN SIDAMO REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	803.01	2051.41	2854.42	828.80	2286.59	3115.39
SHEEP	182.58	539.18	721.76	225.49	663.08	888.57
GOATS	116.66	361.73	478.39	114.85	329.83	444.68
HORSES	88.32	88.45	176.77	91.77	110.02	201.79
ASSES	89.75	54.21	143.96	68.79	65.64	134.43
CAMELS	1.11	1.38	2.49	0.34	0.33	0.67
MULES	8.68	7.93	16.61	10.71	9.21	19.92
TOTAL	1290.11	3104.29	4394.40	1340.75	3464.70	4805.45

TABLE 61.2

NUMBER OF POULTRY AND BEEHIVES IN SIDAMO REGION FOR
PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1341.39	761.72	2103.11	1596.09	996.11	2592.20
BEEHIVES	-	-	150.61	-	-	220.32

TABLE 62.1

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PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN SIDAMO
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	18.27	46.68	64.95	17.25	47.58	64.83
SHEEP	4.15	12.27	16.42	4.69	13.80	18.49
GOATS	2.65	8.23	10.89	2.39	6.86	9.25
HORSES	2.01	2.01	4.02	1.91	2.29	4.20
ASSES	2.04	1.23	3.28	1.43	1.37	2.80
CAMELS	0.03	0.03	0.06	0.01	0.01	0.02
MULES	0.20	0.18	0.38	0.22	0.19	0.41
TOTAL	29.36	70.64	100.00	27.90	72.10	100.00

TABLE 62.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN SIDAMO REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	63.78	36.22	100.00	61.57	38.43	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 63.1

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NUMBER OF LIVESTOCK BY TYPE AND SEX IN WELLEGA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	774.13	976.03	1750.16	728.52	934.27	1662.79
SHEEP	49.88	158.16	208.04	73.93	204.39	278.32
GOATS	51.92	132.35	184.27	58.22	114.95	173.17
HORSES	11.96	13.71	25.67	7.49	8.59	16.08
ASSES	35.45	48.70	84.15	20.16	50.98	71.14
CAMELS	0.00	0.00	0.00	0.36	0.10	0.46
MULES	7.16	5.51	12.67	2.70	10.38	13.08
TOTAL	930.50	1334.46	2264.96	891.38	1323.66	2215.04

TABLE 63.2

NUMBER OF POULTRY AND BEEHIVES IN WELLEGA REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	IN THOUSANDS					
	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1185.61	436.41	1622.02	1242.47	531.18	1773.65
BEEHIVES	-	-	649.06	-	-	537.18

TABLE 64.1

- 62 -

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX
IN WELLEGA REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	34.18	43.09	77.27	32.89	42.18	75.07
SHEEP	2.20	6.98	9.19	3.34	9.23	12.57
GOATS	2.29	5.84	8.13	2.63	5.19	7.82
HORSES	0.53	0.61	1.13	0.34	0.39	0.73
ASSES	1.66	2.15	3.72	0.91	2.30	3.21
CAMELS	0.00	0.00	0.00	0.02	0.004	0.02
MULES	0.32	0.24	0.56	0.12	0.47	0.59
TOTAL	41.08	58.92	100.00	40.24	59.76	100.00

TABLE 64.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN WELLEGA
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	73.09	26.91	100.00	70.05	29.95	100.00
BEEHIVES	-	-	100.00	-	-	100.00

TABLE 65.1

NUMBER OF LIVESTOCK BY TYPE AND SEX IN WOLLO REGION
FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	647.51	648.50	1296.01	643.01	716.48	1359.49
SHEEP	550.89	1346.26	1397.15	763.52	1989.16	2752.68
GOATS	208.90	478.08	686.98	242.58	521.33	763.91
HORSES	40.83	50.32	91.15	45.25	94.34	139.59
ASSES	80.16	130.96	211.12	102.36	153.14	255.50
CAMELS	22.02	22.26	44.28	2.82	0.00	2.82
MULES	14.00	16.74	30.74	15.57	25.97	41.54
TOTAL	1564.31	2693.12	4257.43	1815.11	3500.42	5315.53

TABLE 65.2

NUMBER OF POULTRY AND BEEHIVES IN WOLLO REGION FOR
PRIVATE HOLDINGS (1986/87 - 1987/88)

IN THOUSANDS

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	1233.01	660.66	1893.67	1365.22	931.66	2296.88
BEEHIVES	-	-	159.44	-	-	207.70

TABLE 66.1

- 64 -

PERCENTAGE DISTRIBUTION OF LIVESTOCK BY TYPE AND SEX IN WOLLO
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
CATTLE	15.21	15.23	30.44	12.10	13.48	25.58
SHEEP	12.94	31.62	44.56	14.36	37.42	51.78
GOATS	4.91	11.23	16.14	4.56	9.81	14.37
HORSES	0.96	1.18	2.14	0.85	1.77	2.63
ASSES	1.88	3.08	4.96	1.93	2.88	4.81
CAMELS	0.52	0.52	1.04	0.05	0.00	0.05
MULES	0.33	0.39	0.72	0.29	0.49	0.78
TOTAL	46.74	63.26	100.00	34.15	65.85	100.00

TABLE 66.2

PERCENTAGE DISTRIBUTION OF POULTRY AND BEEHIVES IN WOLLO
REGION FOR PRIVATE HOLDINGS (1986/87 - 1987/88)

TYPE	1986/87			1987/88		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
POULTRY	65.11	34.89	100.00	59.44	40.56	100.00
BEEHIVES	-	-	100.00	-	-	100.00

REFERENCES

1. Time Series data on livestock and poultry population, 1980/81-1985/86, CENTRAL STATISTICAL AUTHORITY, Addis Ababa, Nov. 1988.
2. Agricultural Sample Survey 1986/87, Report on Livestock and Poultry, CENTRAL STATISTICAL AUTHORITY, Addis Ababa, Aug. 1989.



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